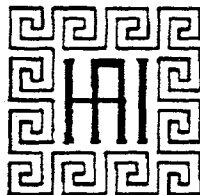


DOE/EH/89246--T4

**OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION:
A GUIDE TO RECORD SERIES
SUPPORTING EPIDEMIOLOGIC STUDIES CONDUCTED
FOR THE DEPARTMENT OF ENERGY**

July 17, 1995



History Associates Incorporated
5 Choke Cherry Road, Suite 280
Rockville, Maryland 20850-4004
(301) 670-0076

Prepared for the U.S. Department of Energy
Office of Epidemiology and Health Surveillance
under Contract No. DE-AC01-93EH89246

MASTER

BASED ON RESEARCH COMPLETED JANUARY 1995

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

lh

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, make any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

DISCLAIMER

**Portions of this document may be illegible
in electronic image products. Images are
produced from the best available original
document.**

Oak Ridge Institute for Science and Education
A Guide to Records Series Supporting Epidemiologic Studies
Conducted for the Department of Energy
Abstract

Subject Terms

Epidemiologic studies
Nickel Workers
Uranium Dust
Beryllium Workers

Abstract

This guide describes records series that pertain to epidemiologic and health-related studies at the Center for Epidemiologic Research of the Oak Ridge Institute for Science and Education (ORISE). The records document the health and safety monitoring of employees and contract employees of DOE and predecessor organizations. The guide consists of four categories: site/contractor records; documentation pertaining to studies conducted or administered by ORISE; ORISE administrative and data collection information; and electronic records.

The records in the sites/contractors category contain data for personnel at Hanford, Middlesex Sampling Plant, Mound, Nevada Test Site, New York Operations Office, Oak Ridge Reservation, ORNL, Paducah Gaseous Diffusion Plant, Pinellas Plant, Rocky Flats Plant, the Savannah River Plant, and the Substitute Alloy Materials Laboratory. Contractors include Linde Air Products Company, Mallinckrodt Chemical Works, Monsanto Chemical Company, Lindsey Chemical Company, Vitro Manufacturing Company, National Lead of Ohio, Tennessee Eastman Corporation, Union Carbide Corporation, University of Rochester, and University of California.

Studies represented in the guide are: Beryllium Workers Enhanced Medical Surveillance Program, Gas Centrifuge Workers Study, Five Rem Study, Four-Site Uranium Dust Lung Cancer Study, Lung Cancer Case-Control Study, Niagara Frontier Site Study, Nickel Workers at K-25 Study, Oak Ridge Facilities Combined Mortality Study, Tatum Salt Dome Study, Tennessee Eastman Corporation Women Workers Study, Y-12 Elemental Mercury Study, and the Y-12 Sheet Metal Workers Study.

The ORISE category includes administrative files and copies of research materials such as mortality records and Personnel Security Questionnaire forms. The electronic records section contains descriptions of software documentation, databases, raw data files, working files, and analysis files.

**OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION:
A GUIDE TO RECORD SERIES
SUPPORTING EPIDEMIOLOGIC STUDIES CONDUCTED
FOR THE DEPARTMENT OF ENERGY**

Table of Contents

ABBREVIATIONS AND ACRONYMS	i
INTRODUCTION	1
BACKGROUND	2
ACCESS	9
METHODOLOGY	9
SCOPE	10
ARRANGEMENT	11
DATA ITEMS IN RECORD SERIES DESCRIPTIONS	11
NOTES	16
SERIES DESCRIPTIONS	18
I. SITES/CONTRACTORS	
Hanford Site	
Data Cards, undated	18
Dose Data Summary Records, ca. 1944-1946	19
Du Pont Employee Lists, 1944-1946	20
Employee Rosters, 1984	21
Research Records, ca. 1965-1974	22
Linde Air Products Company Ceramics Plant	
Correspondence, 1944-1945	23
Employee Urine Sample Cards, ca. 1945-1949	24
Employee X-rays, ca. 1945-1949	25
Medical and Personal History Abstract Forms, 1943-1947	26
Mortality Study Data Reports, ca. 1979-1985	27
Project Study Files, ca. 1983	28
Reference Notebooks, ca. 1943-1983	29
Work History Grids, 1983	30
Mallinckrodt Chemical Works	
Daily Schedules, 1948-1957	31
Data Analysis Records, 1982-1983	32
Dispensary Records, 1949-1966	33
Dust Concentration Cards, 1943-1952	34

Table of Contents

Employee Cards, ca. 1947-1956	35
Employee Lists, 1944-1946, 1957-1968	36
Employee Rosters, ca. 1940s-1960s	37
Film Badge Summary Reports, 1945-1966	38
General and Hazards Information Study Records, 1948-1956	39
Guard Identification Study Lists, 1975	40
Hazards Assessment Records, 1962-1966	41
Health and Mortality Study Research Files, 1949-1971	42
Health and Safety Procedures Handbooks, 1963-1965	43
Job History Sheets, 1957-1966	44
Medical Examination Cards, 1957-1958	45
Medical Files, ca. 1949-1966	46
Payroll Cards, ca. 1942-1966	47
Personnel and Environmental Monitoring Records, 1950-1966	48
Personnel Records, ca. 1943-1966	50
Radiation Summary Data, 1945-1946, 1950	51
Radioactive Dust Study Monitoring Records, 1944-1966	52
Radiographic Examination Records, ca. 1948-1966	53
Radon Project Records, 1944-1957	54
Security Reports, 1943-1966	55
Terminated Clearances Card Index, ca. 1948-1967	56
Urinary Uranium (UU) Program Records, 1958-1964	57
Weldon Spring Plant Experimental Permits, 1955-1957	58
Work History Abstract Forms, 1986	59
Manhattan Engineer District/Atomic Energy Commission (MED/AEC)	
Chromate Cohort Study Records, 1959-1962	60
Contractor Data Entry Sheets, ca. 1942-1988	61
Employee and Facility Monitoring Records, ca. 1947-1969	63
Employee Information Cards, ca. 1939-1965	64
Health Hazards Correspondence, 1943-1945	65
Inactive Employee Locator Cards, ca. 1955-1970	66
Medical Laboratory Examination Records, ca. 1943-1952	67
Medical Program and Electromagnetic Project Worker Histories, ca. 1942-1947, 1969	68
Mortality Records, ca. 1949-1971	69
Oak Ridge Medical Advisor's Office Files, ca. 1942-1947	70
Study Records, ca. 1933-1977	71
United States War Department Engineer Office Files, ca. 1943-1947 ...	72
University of Rochester Film Badge Results, ca. 1942-1956	73
University of Wisconsin Dosimetry Research, ca. 1966-1972	74
Vitro Manufacturing Company Film Badge Data, 1945-1947	75
Middlesex Sampling Plant	
Hazards Assessment Records, 1943-1945	76
Mound Site	
Employee Information Reports, 1978-1979	77

Table of Contents

Employee Roster, 1974-1976	78
Goodyear Atomic Corporation Employee Roster, 1980	79
National Lead of Ohio	
Air Monitoring Data, 1961-1968	80
Data Punch Cards, ca. 1967	81
Employee Analysis Reports, ca. 1980-1982	82
Employee Rosters, February 24, 1978, undated	83
Facility Status Summary Reports, 1982	84
Film Badge Records, ca. 1950s-1989	85
Health and Mortality Study Records, 1962-1978	86
Healthy Worker Study Records, ca. 1983-1984	87
Medical Insurance Claims, 1952-1957	88
Minority Group Work History Grids, ca. 1991	89
Personnel Records, ca. 1957-1980	90
Statistical Analysis System (SAS) Employee Roster, 1980	91
Nevada Test Site	
Baneberry Test Records, ca. 1970-1979	92
Employee Histories, 1963-1984	93
Wackenhut Security, Inc. (WSI), Employee List, 1979	94
New York Operations Office	
Construction Files, ca. 1950-1956	95
Contract Files, ca. 1956-1968	96
Film Badge Reports, ca. 1947-1956	97
Oak Ridge Reservation	
Oak Ridge Operations	
Department Code Reports, ca. 1980	98
Dosimetry Assessment Group Meeting Minutes, 1975-1982	99
Employee Roster, 1975	100
Personnel Clearance Master Cards, ca. 1950s-1980s	101
ORNL	
Applied Health Physics Quarterly Reports, 1961-1964	102
Database Index, 1974	103
Employee Dose Reports, ca. 1974	104
Employee Lists, ca. 1943-1960	105
External Radiation Dose Summary Worksheets, ca. 1965-1966	106
Film Badge Reports (Du Pont Employees), ca. 1972	107
Film Badge Reports (ORNL Employees), 1967	108
Film Stability Survey Data, 1967	109
Survey Books, ca. 1950-1965	110
Terminated Contractor Employee Cards, 1950-1955	111
Unusual Activities and Occurrences Reports, ca. 1948-1969	112
Unusual Occurrences Report, 1948-1973	113
Work Assignment Survey Sheets, 1943-1968	114
Subcontractors	
Fercleve Corporation Accident Reports, ca. 1944-1946	115
Fercleve Corporation Data Control Sheets, 1969	116

Table of Contents

Fercleve Corporation Medical Records, ca. 1944-1945	117
Houdaille-Hershey Corporation First Aid Files, ca. 1944-1945	118
Houdaille-Hershey Corporation Medical Examination and Accident Reports, ca. 1944-1945	119
Maxon Construction Company Active and Terminated Employee Cards, ca. 1950-1952	120
Rust Engineering Work History Abstract Forms, ca. 1980s	121
Stone and Webster Engineering Corporation Compensation Claim Reports, 1945	122
Tennessee Eastman Corporation (TEC)	
Blood-Urine Test Records, 1945-1946	123
Compensation Claim Reports, 1945-1946	124
Correspondence, ca. 1945-1947	125
Financial Records, ca. 1943-1947	126
History of Clinton Engineer Works, 1944-1947	127
Injury Reports, 1944-1945	128
Liquid Phase Reactor Pilot Plant Memoranda, ca. 1943-1945	129
Lost Time Accident Records, ca. 1944-1947	130
Medical Advisor Memoranda and Reports, 1944-1947	131
Medical Case Logs, 1943-1946	132
Medical Data Files, 1945	133
Medical Division Files, ca. 1943-1946	134
Medical Records, 1945-1947	135
Personnel Records, ca. 1943-1965	136
Radiation Exposure Records, 1945-1948	138
Taxable Wages Report, 1945	139
Unique Job Code Reports, 1982	140
Vision Test Reports, 1944-1945	141
Y-12 Plant	
Exposure Records, 1958-1962	142
Industrial Hygiene Monitoring Records, 1975-1985	143
Personnel Records Inventory, 1981	144
Radiation Monitor Alarm and Operation Reports, 1946-1948	145
Research Subject Files, ca. 1943-1981	146
Urinalysis Sample Cards, ca. 1950-1970	147
Paducah Gaseous Diffusion Plant	
Employee Roster, 1981	148
Urine Sample Cards, 1951-1977	149
Pinellas Plant	
Reference Records, 1992	150
Rocky Flats Plant	
Employee Cards, ca. 1980	151
Savannah River Plant	
Data Abstract Forms, ca. 1950s-1980s	152
Demographic Reports, 1977	153

Table of Contents

Dosimetry Records, 1982	154
Employee Data, 1984	155
Employee Health and Mortality Records, ca. 1955-1986	156
Employment Records, ca. 1959-1984	157
File SRERR.PRT Reports, 1986	158
Payroll Records, ca. 1980s	159
Survivor List, 1982	160
Terminated Employee Record Cards, ca. 1952-1989	161
Terminated Employee Records, ca. 1950s-1980s	162
Substitute Alloy Materials (SAM) Laboratories	
Accident and Injury Reports, 1944-1946	163
Employee Lists, ca. 1944-1949, 1967	164
First Aid Census Records, 1945-1946	165
Medical Files, 1943-1946	166
Medical Records, ca. 1944-46	167
University of Rochester Bioassay Records, 1943-1946	168
Workmen's Compensation Insurance Claims, 1944-1945	169

II. STUDIES

Beryllium Workers Enhanced Medical Surveillance Program	
Employee Rosters, ca. 1986-1988	170
Workers Enhanced Medical Surveillance Program Examination Forms, 1994	171
Y-12 Beryllium Worker Enhanced Medical Surveillance Program Phase I and II Questionnaires, 1993	172
Gas Centrifuge Workers Study	
Study Documentation, ca. 1988-1993	173
Five Rem Study	
Argonne National Laboratory Cohort Records, 1982	174
Argonne National Laboratory External Dosimetry Records, 1952-1984	175
Call Log Sheets, ca. 1978-1994	176
Death Certificates, ca. 1984-1990	177
Fermi Laboratory Personnel History Records, ca. 1967-1981	178
Ingalls Shipyard Dosimetry Reports, 1962-1979	179
Knolls Atomic Power Laboratory Employee Roster, 1984	180
Oak Ridge Worker Questionnaire Inventory, 1986	181
Puerto Rico Nuclear Center Correspondence and Employee Lists, ca. 1960s	182
Reports and Coding Sheets, 1980-1989	183
Sources List, 1984	184
Study Cards, ca. 1984-1990	185
Study Questionnaires, ca. 1986	186
Study Records, 1985-1986	187
Four-Site Uranium Dust Lung Cancer Study	
Case-Control Study Records, 1987-1994	188
Search Records, 1989	189

Table of Contents

Smoking Histories, 1990	190
Uranium Dust Monitoring Records, 1981-1989	191
Lung Cancer Case-Control Study	
Medical Abstracting Forms, 1984	192
Study Working Papers, ca. 1943-1982	193
Niagara Frontier Site Study	
Data Files, ca. 1944-1945	194
Film Badge Reports, ca. 1947-1951	195
Harshaw Chemical Employee Information Cards, 1943-1950	196
Project Files, 1942-1970	197
Simonds Saw and Steel Employee Information Cards, 1949-1950	198
Nickel Workers at K-25 Study	
International Nickel Company Cases, 1973	199
Smoking Histories, 1979	200
Study Records, ca. 1977-1978	201
Vital Statistics Search Files, ca. 1974-1977	202
Oak Ridge Facilities Combined Mortality (ORFCOM) Study	
Phase II Analysis, 1989-1992	203
X-10, K-25, and Y-12 Plants Radiation Exposure Histories, 1991-1992	204
Tatum Salt Dome Study	
Study Records, ca. 1992-Current	205
Tennessee Eastman Corporation (TEC) Women Workers Study	
Data Sheets, 1982	206
Y-12 Elemental Mercury Study	
Questionnaires and Medical Test Forms, 1994	207
Y-12 Sheet Metal Workers Study	
Study Records, ca. 1947-1994	208
III. ORISE	
Administrative	
Administrative Files, 1984-Current	210
Center for Epidemiologic Research Document (CERDOCS)	
Reference Files, 1940-Current	211
Center for Epidemiologic Research Reading Files (CERERF), 1977-Current	212
Department of Energy (DOE) Health and Mortality Study Protocols, 1982	213
John D. Dingell File Notebooks, ca. 1977-1991	214
Employee Data Reports, ca. 1983-1989	215
Facility Correspondence, 1977-Current	216
List of Epidemiology Records at ORAU, 1979	217
Oak Ridge Associated Universities (ORAU) Administrative Files, 1978-Current	218
Oak Ridge Associated Universities (ORAU) Course Materials, ca. 1954-1980	219

Table of Contents

Oak Ridge Associated Universities (ORAU) Research Planning	
Group Meeting Records, 1979-1988	220
Oak Ridge Brain Cancer Study Files, 1982-1985	221
Oak Ridge Operations Office (ORO)/Oak Ridge Associated Universities (ORAU) Correspondence, 1964, 1980-1989	222
Radiation Accident Files, ca. 1959-1976	223
Reference Files, ca. 1965-1981	224
Reference Publications, ca. 1965-1989	225
Special Order Accounts Register, ca. 1960-1986	226
State Departments of Motor Vehicles Correspondence, 1981-1985	227
Total Body Irradiation Records, 1961-1964	228
Vital Statistics Publications, ca. 1976-1985	229
Vital Status Sources Correspondence, 1972-1992	230
Mortality	
Death Certificate and Social Security Administration (SSA) Search Records, 1982	231
Death Certificate Data, ca. 1970-1971	232
Death Certificate Retrieval Office Correspondence, 1978-1982	233
Death Certificates and Employee Data Sheets, ca. 1948-Current	234
Demographic and Mortality Analysis, 1982	235
Mortality Statistics, 1977	236
Oak Ridge Population Select Mortality Report, 1974	237
Social Security Administration (SSA) Death Lists, 1974-1988	238
State Death Certificate Indexes, 1908-1989	239
Personnel Security Questionnaire	
Personnel Security Questionnaires (PSQs), ca. 1940s-1978	240
Personnel Security Questionnaires (PSQs), Inactive Employees, ca. 1949-1992	241
Security Clearance Investigation Status Reports, 1973-1975	243
IV. ELECTRONIC RECORDS	
Documentation	
Computer Graphics Software Documentation, 1984	244
Database Merge Files, 1983, 1985-1987	245
John D. Dingell Database Index, ca. 1978-1992	246
Dosimetry Data Documentation, 1985-1992	247
Electronic Data Corrections Documentation, 1983-1993	248
Electronic Records Documentation, 1978-1992	249
Site Notebooks, 1976-1990	250
Software Manuals, c. 1977-1990	251
System Software Documentation, 1979-1992	252
Databases	
Oak Ridge Associated Universities (ORAU)/ORISE Reference and Research Database, 1960-Current	253
Vault Inventory Database, 1990-present	254
Raw Data Files	

Table of Contents

Fernald Film Badge Data, 1952-1983	255
Fernald Urinalysis Data, 1952-1983	256
Oak Ridge, K-25 Facility, Air Sampling Data, 1945-1982	257
Oak Ridge, K-25 Facility, Film Badge Data, 1945-1991	258
Oak Ridge, K-25 Facility, Urinalysis Data, 1948-1988	259
Oak Ridge, K-25 Facility, Whole Body Count Data, 1965-1991	260
Oak Ridge, X-10 Facility, Air Sampling Data, 1981-1987	261
Oak Ridge, X-10 Facility, Beryllium Workers Exposure Data, ca. 1988	262
Oak Ridge, X-10 Facility, Film Badge Data, 1943-1991	263
Oak Ridge, X-10 Facility, Urinalysis Data, 1951-1988	264
Oak Ridge, X-10 Facility, Whole Body Count Data, ca. 1962-1991 ...	265
Oak Ridge, Y-12 Facility, Air Sampling Data, 1954-1980	266
Oak Ridge, Y-12 Facility, Film Badge Data, 1948-1991	267
Oak Ridge, Y-12 Facility, Urinalysis Data, 1950-1988	268
Oak Ridge, Y-12 Facility, Whole Body Count Data, 1961-1991	269
Savannah River Film Badge Data, 1952-1978	270
Savannah River Urinalysis Data, 1955-1991	271
Savannah River Whole Body Count Data, 1950-1987	272
Working Files	
Data Correlation Files	273
General Badge Number Data	274
General Study Data	275
General Mortality Data	276
General Salary Data	277
General Social Security Data	278
General Vital Status Data	279
Analysis Files	
Brain Cancer Study Data	280
Fernald Employee Respiratory Disease Study Data	281
Fernald Workplace Data	282
Five Rem Study Contact Data	283
Five Rem Study Employment History Data	284
Five Rem Study General Study Data	285
Five Rem Study Offspring Data	286
Five Rem Study Patient Treatment Data	287
Five Rem Study Questionnaire Response Data	288
Five Rem Study SEACON Participant Data	289
Five Rem Study Smoking Data	290
Five Rem Study Substance Exposure Data	291
"Ill-Defined Causes of Death" Study Data	292
Linde Air Products Company Mortality Study Exposure Data, 1943-1949	293
Linde Air Products Company Mortality Study Medical Data, 1943-1949	294
Linde Air Products Company Worker Mortality Study Employment Data, 1943-1949	295

Table of Contents

Mortality Rates	296
Oak Ridge Addresses	297
Oak Ridge Facilities Combined Mortality (ORFCOM) Study	
External Exposure Data	298
Oak Ridge Facilities Combined Mortality (ORFCOM) Study	
General Data	299
Oak Ridge, K-25 Facility, Centrifuge Workers Study Data, 1990-1992 .	300
Oak Ridge, K-25 Facility, Employee Data	301
Oak Ridge, X-10 Facility, Exposure Data	302
Oak Ridge, Y-12 Facility, Bioassay Data	303
Oak Ridge, Y-12 Facility, Exposure Data	304
Radium Dial Painters Study Data	305
Savannah River Plant General Data	306
Sheetmetal Worker Study Data	307
Tatum Salt Dome Study Mortality Data	308
Tennessee Eastman Corporation (TEC) External Exposure Data, 1943-1984	309
Uranium Dust Lung Cancer Study Employment History Data:	
Tennessee Eastman Corporation, 1943-1982	310
Uranium Dust Lung Cancer Study Exposure Data: General, 1942-1982	311
Uranium Dust Lung Cancer Study Exposure Data: Fernald, 1951-1981	312
Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966	313
Uranium Dust Lung Cancer Study Exposure Data: Oak Ridge, Y-12 Facility, 1948-1982	314
Uranium Dust Lung Cancer Study General Study Data	315
Uranium Dust Lung Cancer Study Smoking Data	316
Uranium Miners Study Data	317
Welder Study Data	318
APPENDICES	319
A. SITES AND CONTRACTORS	320
B. STUDIES	324
C. INFORMATION REQUIRED BY THE DEPARTMENT OF ENERGY FOR EPIDEMIOLOGIC AND HEALTH STUDIES (REVISED)	326
ALPHABETICAL LIST OF SERIES TITLES	330

ABBREVIATIONS AND ACRONYMS

AEC	Atomic Energy Commission
AEP	Atomic Energy Project
AVLIS	Advanced Laser Isotope Separations
BC	bookcases
CC	card catalogs
CDC	Centers for Disease Control and Prevention
CEDR	Comprehensive Epidemiologic Data Resource
CER	Center for Epidemiologic Research
CERDOCS	Center for Epidemiologic Research Document
CERERF	Center for Epidemiologic Research Reading Files
CEW	Clinton Engineer Works
CMS	Conversational Monitor System
DMV	Department of Motor Vehicles
DOE	Department of Energy
DOERS	DOE Records Schedules
EH-42	Office of Epidemiological and Health Surveillance
ERDA	Energy Research and Development Agency
FC	file cabinets
GRS	General Records Schedules
HAI	History Associates Incorporated
HEHF	Hanford Environmental Health Foundation
HHS	Department of Health and Human Services
HMS	Health and Mortality Study
IARC	International Agency for Research on Cancer
K-25	Oak Ridge Gaseous Diffusion Plant
LBL	Lawrence Berkeley Laboratory
LF	lateral files
MED	Manhattan Engineer District
MOU	memorandum of understanding
mrep	millirep
MPC	maximum permissible concentration
NARA	National Archives and Records Administration
NCI	National Cancer Institute
NIOSH	National Institute for Occupational Safety and Health
NRC	Nuclear Regulatory Commission
OPEC	Organization of Petroleum Exporting Countries
ORAU	Oak Ridge Associated Universities
ORFCOM	Oak Ridge Facility Comparison Study
ORGDP	Oak Ridge Gaseous Diffusion Plant
ORINS	Oak Ridge Institute of Nuclear Studies
ORISE	Oak Ridge Institute for Science and Education

ORNL	Oak Ridge National Laboratory
ORO	Oak Ridge Operations Office
OSTI	Office of Scientific and Technical Information
PNL	Pacific Northwest Laboratory
PSQ	Personnel Security Questionnaire
REECo	Reynolds Electrical and Engineering Company
rem	roentgen equivalent man
rep	roentgen equivalent physical
SAM	Substitute Alloy Materials
SAS	Statistical Analysis System
SRP	Savannah River Plant
SS	steel shelves
TBI	total body irradiation
TCRS	Tennessee Career Reporting System
TEC	Tennessee Eastman Corporation
TLD	thermoluminescent dosimeter
TVA	Tennessee Valley Authority
UCCND	Union Carbide Corporation Nuclear Division
UT	University of Tennessee
UU	Urinary Uranium Program
WC	wall cabinets
WS	wall shelves
WSI	Wackenhut Security, Inc.
X-10	original site name for the Oak Ridge National Laboratory
Y-12	Oak Ridge Manufacturing and Development Engineering Plant

**OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION:
A GUIDE TO RECORD SERIES
SUPPORTING EPIDEMIOLOGIC STUDIES CONDUCTED
FOR THE DEPARTMENT OF ENERGY**

INTRODUCTION

Overview

This guide describes record series that pertain to epidemiologic and health-related studies at the Center for Epidemiologic Research (CER) of the Oak Ridge Institute for Science and Education (ORISE). These records document the health and safety monitoring of employees and contract employees of the Department of Energy (DOE) and its predecessor organizations, the Manhattan Engineer District (MED), the Atomic Energy Commission (AEC), and the Energy Research and Development Administration (ERDA). History Associates Incorporated (HAI) prepared this guide as part of DOE's Epidemiologic Records Inventory Project.

This introduction briefly describes the Epidemiologic Records Inventory Project, HAI's role in the project, the history of the DOE and its epidemiologic research program, and the history of the Oak Ridge Reservation and the Oak Ridge Institute for Science and Education. It also furnishes information on the procedures that HAI used to select, inventory, and describe pertinent records; the methodology used to produce the guide; the arrangement of the record series descriptions; the location of the records; and procedures for accessing records repositories.

Epidemiologic Records Inventory Project

The Epidemiologic Records Inventory Project is indicative of DOE Secretary Hazel O'Leary's efforts to support openness initiatives in the areas of environment, safety, and health. In view of the importance of various administrative, organizational, and operational records to epidemiologic and health-related studies, a moratorium on the destruction of such records has been in effect since 1989.

In May 1992, each DOE and DOE contractor site was directed to prepare an inventory of all records useful for worker or community health-related studies. The office responsible for the coordination of all health-related activities throughout the DOE complex, the Office of Epidemiology and Health Surveillance (EH-42), provided each site with guidelines that defined epidemiologic records, provided instructions for describing record series, outlined the sites' role in inventorying epidemiologic records, and discussed the relationship of the epidemiologic inventory to DOE's comprehensive records inventory effort. These inventories should be completed in 1995.

Role of HAI

In August of 1993, DOE selected HAI as its support services contractor for the Epidemiologic Records Inventory Project. HAI, a professional records management,

archives, and historical research services firm incorporated in 1981, has provided records management, historical research, and technical support for a number of DOE projects. HAP's role in the project includes verifying the accuracy, comprehensiveness, and quality of existing inventories, providing guidance to site records management teams, and, in some cases, performing additional record inventories.

BACKGROUND

History of the DOE

The DOE is responsible for developing and administering national energy programs and policies. Authorized by Congress in 1977, the history of the department's predecessor agencies and functions dates back to 1942, with the establishment of the Manhattan Engineer District (MED) of the U.S. Army Corps of Engineers. The MED spearheaded the development and manufacture of the first atomic weapons during World War II. In 1946, Congress passed the Atomic Energy Act, which reorganized the MED into the Atomic Energy Commission (AEC). Although the primary purpose of the AEC was to develop and manage the nation's expanding nuclear weapons production complex, the organization also reflected the nation's interest in developing broader commercial applications of atomic energy.¹

For nearly three decades, the AEC directed the nation's nuclear program, from the development of nuclear weapons to the production of nuclear power. In 1974, Congress passed the Energy Reorganization Act, which split the AEC into the Energy Research and Development Administration (ERDA) and the Nuclear Regulatory Commission (NRC). ERDA assumed responsibility for nuclear research and development and oversight of the nuclear weapons program, while the NRC licensed and regulated the industrial and commercial use of radionuclides and nuclear power. ERDA also took charge of the energy research and development programs of other federal agencies, including the Bureau of Mines, the National Science Foundation, and the Interior Department's Office of Coal Research. The creation of ERDA represented the Nixon Administration's interest in establishing a centrally directed national energy policy. Events such as the 1973 Arab oil embargo and the 1973-1974 price increases instituted by the Organization of Petroleum Exporting Countries (OPEC) demonstrated the need to identify immediate energy needs and priorities and establish long range goals as a way to lessen the nation's dependency on foreign sources of energy.²

A shortage of natural gas during the winter of 1976-1977 further exposed the nation's vulnerability as an energy consumer. In response to the crisis, the Carter Administration urged Congress to reorganize ERDA and establish a cabinet-level organization to direct national energy policy. In August 1977, President Carter signed legislation creating the DOE. During the late 1980s, as Cold War tensions eased, the DOE restructured its

priorities around nuclear waste management, environmental restoration, conservation, and the development of new energy sources.³

History of the Oak Ridge Sites

Oak Ridge, Tennessee, was one of three sites established by the Manhattan Project during World War II to develop the first atomic weapons. Selected on September 19, 1942, the Clinton Engineer Works (CEW), later called the Oak Ridge Reservation, was the site of three major production facilities which were known by the code-names X-10, Y-12, and K-25. The Clinton Laboratories, which later evolved into the Oak Ridge National Laboratory (ORNL), housed the country's first full-scale graphite reactor. Known then as the Clinton Pile, the graphite reactor provided irradiated uranium slugs from which plutonium and other nuclear fuels could be separated at the X-10 pilot plant. The Y-12 Plant produced enriched uranium-235 by means of electromagnetic separation, and the K-25 plant, also known as the Oak Ridge Gaseous Diffusion Plant (ORGDP), produced enriched uranium-235 by a gaseous diffusion process.⁴

The Oak Ridge National Laboratory

The Clinton Laboratories; the first research facilities built as part of the CEW in 1942, housed the graphite reactor and chemical processing facilities. In 1948, the Clinton Laboratories were reorganized and became known as ORNL. Although ORNL continued to process fuel for nuclear weapons and develop new processing technologies, its mission also expanded to include the production of radioisotopes for commercial and medical uses, research into the biomedical effects of radiation, and the operation of other experimental reactors. Currently, the laboratory operates as a multidisciplinary facility, conducting research and development in conjunction with government, private, and academic institutions. In recent years, ORNL has focused its research on magnetic fusion, nuclear fission, biological and environmental research, conservation, renewable and fossil energy, and the physical sciences.⁵

The Y-12 Plant

Originally, the Y-12 Plant used the electromagnetic process to separate the fissionable uranium isotope, uranium-235, from the more plentiful but stable uranium-238 isotope. After the war, when this process was discontinued, the Y-12 Plant's mission changed to manufacturing and developmental engineering, focusing on nuclear weapons components. The Y-12 Plant developed and fabricated test hardware for weapons, processed source and special nuclear materials, provided fabrication support for other Oak Ridge Reservation Plants, and supported other federal agencies. Currently, the plant's mission is to serve as a key technology center for the development and demonstration of unique materials, components, and services of importance to DOE and the nation. The Y-12 Plant accomplishes its mission through the manufacture, reclamation, and storage of nuclear materials; the construction of components for the nation's defense capabilities; and the support of national security programs.⁶

The K-25 Oak Ridge Gaseous Diffusion Plant

The K-25 facility began in May 1943 with the construction of a massive building to house the gaseous diffusion process. The plant reached its full operational capacity by August 1945. The late 1940s and early 1950s witnessed the expansion of the K-25 site in terms of both physical size and breadth of research and production goals. The facility also developed new high-technology enrichment programs, such as the 1960s Gas Centrifuge and the 1988 Advanced Laser Isotope Separations (AVLIS) processes. In 1985, gaseous diffusion operations ceased and were placed on standby. Presently, the mission of K-25 is to spearhead environmental clean-up and restoration, not only at K-25 but throughout the entire Oak Ridge Reservation. Included in this mission is the Environmental Restoration Program, which oversees the identification and remediation of environmental contamination throughout the complex.⁷

History of ORISE

After World War II, the University of Tennessee (UT) appointed a committee to investigate the possibility of a closer relationship between the Oak Ridge research facilities and academia. Although a branch of the UT graduate school existed at Clinton Laboratories, the committee hoped to engender a more comprehensive cooperative venture. In December 1945, the University hosted a conference of representatives from Oak Ridge sites, the MED, the Tennessee Valley Authority (TVA), and the science departments of several southern universities. Participants formed an interim committee and made plans for a second meeting in Oak Ridge later that month. At that meeting, representatives of several universities and medical schools in the region agreed to form the Oak Ridge Institute of Nuclear Studies (ORINS). In October 1946, ORINS became an official nonprofit corporation of fourteen associated universities, each agreeing to contribute \$5000 a year for three years.⁸

In 1948, as part of its educational mission, ORINS established the first formalized AEC training program, the Oak Ridge Radioactive Isotope handling course. ORINS also offered courses on isotope technology, radiation biology, radiation training for firefighting personnel, the handling of radioisotopes by physicians, and radiation protection. From the outset, the interests of ORINS extended beyond the areas of research and education in nuclear physics. In 1948, for example, ORINS assumed responsibility for the Oak Ridge clinical research facility at the request of the Oak Ridge Operations Office's Division of Biology and Medicine. With the establishment of the American Museum of Atomic Energy in 1949, ORINS became the national leader in public education for science and technology. In its educational role, ORINS administered the AEC Fellowship Program from 1950 to 1973 and sponsored the nationwide presentation of President Eisenhower's "Atoms for Peace" program in 1956. By the 1960s, ORINS included forty associated universities.⁹

Also by the mid-1960s, participants in ORINS recognized that the organization's range of activities had expanded well beyond education in nuclear science and technology and its

title no longer seemed appropriate. In 1965, ORINS members voted to change their name to the Oak Ridge Associated Universities (ORAU). In 1992, Oak Ridge Institute for Science and Education (ORISE) was established for the enhancement of science and mathematics education, basic and applied biomedical research on human health and disease, as well as the evaluation and analysis of policies and regulations affecting energy and environmental issues. Managed by ORAU, ORISE also operates the Radiation Internal Dose Information Center, the Radiation Emergency Assistance Center and Training Site, the Center for Human Reliability Studies, and the Center for Epidemiologic Research (CER). CER also contributes information to the Comprehensive Epidemiologic Data Resource (CEDR). A catalog describing the CEDR program is available from the DOE Office of Epidemiologic Studies.¹⁰

History of DOE Epidemiologic Research

MED Health Studies

Interest in occupational safety surrounding the handling of fissionable materials predated the Manhattan Project and became a priority during the war years. The MED developed safety protocols, health monitoring procedures, and exposure standards that provided a framework for health physics and industrial hygiene practices. The data collected in the development of these programs furnished a foundation for current epidemiologic research. Among the MED sites and educational institutions that made significant contributions toward understanding the effects of radiation upon humans and establishing acceptable occupational exposure standards were the University of California, Berkeley, the University of Chicago's Metallurgical Laboratory (Met Lab), the University of Rochester, and the Los Alamos National Laboratory.

The University of California

In 1936, Ernest O. Lawrence, a physicist at the University of California, established the Radiation Laboratory, now known as the Lawrence Berkeley Laboratory. This laboratory centered around the cyclotron, an instrument developed by Lawrence which produced radioactive isotopes by bombarding atomic nuclei with a beam of high-speed particles. Recognizing the potential uses of radioactive substances in biology and medicine, Lawrence established a Health Physics section in the Radiation Laboratory. The laboratory conducted experimental work, both on animal and human subjects, using radiation to develop cancer therapies. Although these experiments continued during World War II, the focus of the Health Physics section of the Radiation Laboratory, now under the administration of the MED, turned to the health issues related to the industrial production and handling of fissionable materials. Areas of concern included the health effects of the inhalation, ingestion, and absorption of these nuclear agents. As the Manhattan Project progressed, the Radiation Laboratory joined the Universities of Chicago and Rochester in studying the biological effects of plutonium, a highly toxic radioactive substance discovered by Glenn Seaborg in the Radiation Laboratory in 1941.¹¹

The University of Chicago

In 1942, the University of Chicago's Met Lab, now known as the Argonne National Laboratory (ANL), conducted the world's first nuclear chain reaction, a crucial step in the development of the first atomic weapons. The Met Lab also led the development of a program to monitor the health of workers exposed routinely to radioactive substances. This concern for worker health resulted in the establishment of a Health Division, which, under Robert S. Stone, strongly influenced health and safety practices throughout the entire MED. Stone, formerly of the University of California Radiation Laboratory, organized the Health Division around areas of medicine, health physics, and radiation biology. Met Lab health physicists developed instruments and laboratory tests for monitoring and measuring radiation exposure and deposition. In this capacity, the Met Lab pioneered the use of pocket dosimeters, film badges, and urinalysis. Monitoring practices established and advised by the Met Lab not only influenced safety at MED sites but also determined the kinds of data collected to determine worker health.¹²

The University of Rochester

The University of Rochester pursued research under a contract with the U.S. Army Corps of Engineers. In 1943, Stafford L. Warren, Chief of the Division of Radiology in the University of Rochester School of Medicine and Dentistry, became a consultant to the Manhattan Project and later assumed the position of Chief of the Manhattan Project Medical Section. Under Warren, the University of Rochester advised MED sites on employee health protection issues, developed instrumentation to monitor and measure health hazards, and provided technical support. University of Rochester physicians conducted medical examinations of MED personnel and maintained corresponding records. Moreover, the university conducted an extensive investigation of uranium toxicity within the MED complex. After the war, the University continued its biomedical research through the AEC Atomic Energy Project (AEP).¹³

Los Alamos

Another MED facility involved in the development of worker health and safety practices was the Los Alamos site, originally known as Project Y, and later called the Los Alamos National Laboratory (LANL). Established by Robert J. Oppenheimer in 1942, Los Alamos contained four research and technical divisions and an administrative division responsible for health surveillance, procurement, and patents. The health group, under Louis H. Hempelmann, initially performed simple monitoring tasks but, as greater quantities of plutonium arrived for weapons development, assumed responsibility for defining occupational and health standards, sponsoring lectures, and codifying safety guidelines. Moreover, the health group attempted to keep complete records of the Los Alamos work force, including hazard studies, exposure logs, accident reports, and medical test results. In 1947, Los Alamos organized a new health division to examine radiological safety, improve health physics and industrial hygiene procedures, and monitor radiation exposures at weapons testing sites.¹⁴

DOE Health and Mortality Studies

AEC Feasibility Study

The early MED worker health studies set the stage for health monitoring practices and data collection by the AEC and its successor organizations. In 1964, the AEC initiated a feasibility study to evaluate the use of plant personnel and other records as the basis for long-term studies of health and mortality among its work force. The AEC Feasibility Study focused on uranium workers at Mallinckrodt's Chemical Works plants in St. Louis and Weldon Spring, Missouri, and the Feed Materials Production Center (FMPC) at Fernald, Ohio. The University of Colorado conducted the study and concluded in a series of internal reports that the records provided a suitable foundation for epidemiologic research.¹⁵

AEC Pilot Study

In 1965, the AEC mounted a five-year pilot study that extended its inquiry to the feasibility of using plant records to investigate the health and mortality of workers employed at contractor and former MED facilities (including Mallinckrodt, Fernald, Hanford, Oak Ridge, Harshaw Chemical, and the Met Lab) and determine if any adverse health effects were related to their occupations. The study also questioned the suitability of existing records for use in studies designed to estimate the upper bound of the cancer risk associated with exposure to low-level radiation. The AEC selected Thomas F. Mancuso, M.D., of the University of Pittsburgh as the project director of the AEC Pilot Study. Consequently, the project became known informally as the Mancuso Study.¹⁶

For the study, Mancuso located and identified original records at the Hanford and Oak Ridge sites and at offsite federal and other record repositories. In addition, through agreements with the Social Security Administration (SSA) and state vital records offices, Mancuso obtained demographic information necessary to determine the vital status of the workers, that is, whether workers were still living at the time of the survey. Death certificates served as the primary source for this determination. As the project progressed, Mancuso found that the data did not meet his initial expectations but required further editing, verification, and other processing to assure the comprehensiveness and epidemiologic validity of his data analyses. During this period, Mancuso also expanded the data set to include AEC facilities at Los Alamos, Rocky Flats, and the Mound Laboratory.¹⁷

AEC Health and Mortality Study

In 1970, Mancuso, under a contract with the AEC, initiated the AEC Health and Mortality Study. With his colleague, Dr. Barkev S. Sanders, a former statistician and actuary from the SSA and the Public Health Service, Mancuso analyzed the data collected in the pilot study in terms of worker longevity. Beginning in 1971, Mancuso and his colleagues routinely published the results of their analyses in annual progress reports to

the AEC, although they did not submit their findings for review and publication in professional or medical journals.¹⁸

In 1974, Dr. Samuel Milham of the Washington State Department of Social and Health Services reported increased mortality within the Hanford work force from several cancer types. His findings were part of a broader examination of occupational mortality throughout Washington state from 1950 to 1971. Milham's study encouraged Mancuso to conduct his own analysis of mortality at Hanford, the results of which were published in 1977. Mancuso's results, in which he purported to show increased risks for several types of cancer with increased radiation doses, received substantial criticism. Other epidemiologists and biostatisticians reanalyzed Mancuso's data set and repudiated many of his conclusions, with the exception of his findings concerning the elevated risk of multiple myeloma in individuals exposed to low-level radiation.¹⁹

In 1975, ERDA decided not to renew Mancuso's status as the prime contractor for the Health and Mortality Study. At the beginning of fiscal year 1978, ERDA transferred specific aspects of the HMS to ORAU, LANL, and the Hanford Environmental Health Foundation (HEHF) and Pacific Northwest Laboratories (PNL) at Hanford. ORAU epidemiologists, with the support of the University of North Carolina School of Public Health, were placed in charge of data analyses for uranium workers at Oak Ridge, Paducah, Portsmouth, Fernald, Mallinckrodt, Niagara Frontier sites, and, later, the Savannah River Plant. In addition, ORAU was assigned responsibility for the management of the DOE/SSA interface for the three sites and for related data collection, especially the retrieval, processing, and storage of death certificates. LANL assumed responsibility for DOE's National Plutonium Workers Study and for other site studies of workers routinely monitored for exposure to plutonium. HEHF/PNL epidemiologists continued to collect, process, and analyze data associated with the health and mortality of workers at the Hanford site.²⁰

In 1979, DOE authorized ORAU to expand the scope of the HMS to include all active and inactive workers throughout the entire Energy complex. Under this phase of the HMS, approximately 600,000 workers from 76 sites were eligible for eventual inclusion in the study. Of this population, 360,000 workers are the basis for additional studies conducted by ORAU, LANL, and Hanford. Since the expansion of the HMS, ORAU has conducted the Five Rem Study, which examined workers who were exposed to five or more rems of radiation in the course of a single employment year. It also launched the Oak Ridge Facility Comparison (ORFCOM) Project, which analyzed the relationship of occupational, lifestyle, and health variables among specific occupational cohorts.²¹

In 1990, a Memorandum of Understanding (MOU) between DOE and the Department of Health and Human Services (HHS) transferred responsibility for the management and conduct of energy-related epidemiologic research to HHS's Centers for Disease Control and Prevention (CDC). Under the terms of this MOU, the National Institute for

Occupational Safety and Health (NIOSH), a part of CDC, is responsible for conducting the major worker health studies for DOE sites.²²

ACCESS

Records described in this guide are located at the CER at 210 Badger Road, Oak Ridge, Tennessee, 37830. Within the CER, most of the records are stored in a secured vault area. In addition to a central storage area, the vault also has separate rooms to store birth certificates, Personnel Security Questionnaire (PSQ) forms, correspondence, electronic records, and other research materials. Electronic records are located in offices on the second floor. CER administrative records and other associated documents of the CER are stored in unsecured rooms throughout the building.

Since this is an access restricted facility, arrangements must be made in advance for permission to enter the building and review the records. Although the records housed at CER are unclassified, many are protected by the Privacy Act of 1974. For permission to access the records, please contact:

Director, Center for Epidemiologic Research
210 Badger Road
Oak Ridge, TN 37830
Telephone Number: (615) 576-3142

METHODOLOGY

In January 1995, HAI made an initial site visit to CER. HAI interviewed CER personnel responsible for the records, toured the records storage facilities, and determined staffing needs for the inventory project. Later that month, HAI returned and inventoried the records identified during the initial site visit. HAI staff inventoried approximately 2,167 cubic feet of records, 200 electronic files, and 708 cartridges of microfilm. After completing the inventory, HAI staff analyzed and organized the inventory forms into record series, wrote record series descriptions, and linked related electronic and paper records.

Data Elements

In accordance with the guidelines in *Information Required by the Department of Energy for Epidemiologic and Health Studies*, DOE developed a list of 123 (later revised to 86) data elements to assign to record series descriptions. In general, the data elements consist of terms pertaining to contractor organizations, individual employees, industrial hygiene activities, and facility characteristics that help describe the major information contained in a record series. The HAI team, as part of its inventory and description of records,

determined which data elements were pertinent to each record series for both active and inactive records. A list of the data elements is included in Appendix C. Please note that the list is arranged topically, not numerically.

SCOPE

This guide reflects the status of records as of January 1995, when they were reviewed and inventoried by HAI. It contains series descriptions for all of the records stored in the CER vault, as well as related records stored in offices and smaller storage areas. Included are records collected for studies conducted by ORAU and ORISE for the AEC Health and Mortality Study and for the University of Rochester radiation exposure studies conducted for the MED and AEC Health Division; PSQs and bioassay results; and mortality records collected by the Death Certificate Retrieval Office at ORAU. Electronic records inventoried include databases and raw data, working, and analysis files. HAI did not inventory files that are available through DOE's CEDR database. HAI cross-referenced electronic files and related paper records when appropriate.

ARRANGEMENT

To facilitate research, HAI grouped the record series descriptions into four categories. A brief explanation of each category is provided below:

I. Sites/Contractors

This section contains information relating to employees at sites operated by the DOE, its predecessor agencies, and contractors which were collected for use in epidemiologic studies. Record series generally consist of employee rosters, medical files, employment records, exposure histories, injury and accident reports, and correspondence.

II. Studies

This section documents studies conducted or administered by ORISE. Record series include employee work and health history information, interview and questionnaire results, and computer-generated data reports.

III. ORISE

Record series in this section document the administrative and data collection functions of ORISE. It contains series descriptions of correspondence, reading, and subject files; death certificates collected by the Death Certificate Retrieval Office; and PSQ forms collected from several sites.

IV. Electronic Records

This section pertains to CER electronic records maintained online and on tape. Electronic data are organized into raw data, working, or analysis files. Within these categories, the files are grouped alphabetically by site and study name. Files that contain a large variety of data from several sites were placed into a general category.

Raw data files contain data which have not been manipulated by researchers. CER's raw data files contain dosimetry data submitted in electronic format by the site contractors. CER maintains the raw data files on nine-track magnetic tape reels in an EBCDIC file format. Working files are those containing data which have been manipulated and may be a combination of several raw data files. CER's working files contain employment and personal information for workers at DOE facilities. All working files are maintained online in an ORACLE database, using an IBM 9221 mainframe computer. Analysis files contain data on which study results were based. They may contain a combination of personal, employment, morbidity, mortality, and exposure information. Analysis files are maintained by CER in a Statistical Analysis System (SAS) format on nine-track magnetic tapes.

DATA ITEMS IN RECORD SERIES DESCRIPTIONS

Due to the differences between textual and electronic records, HAI collected different data for each of these record formats. Below are listed the data items, with corresponding explanations, included in textual record series descriptions. A similar list for electronic records series descriptions is also provided.

Textual Record Series Descriptions

Series descriptions for records in sections I-III and the first half of IV contain sixteen major data items. These include series title, inclusive dates, location, active or inactive status, access restrictions, accession or other identification number, volume, and container numbers. Also provided is information concerning the type of media used, suitability of the records for scanning, physical condition of the records, availability of finding aids, record arrangement, the originating office, duplication, and disposition authority.

Data items are listed alphabetically and further explained below.

Access Restrictions

The records described in this guide are not classified for national security reasons. However, medical and other employee records containing personal information are protected under a DOE Privacy Act System of Records and may not be available for public inspection. For information about accessing these records, contact the Freedom of Information and Privacy Act Office at Oak Ridge, (615) 576-1216. HAI has indicated which record series may fall under the Privacy Act.²³

Since access to the ORISE facility is controlled, visitors must receive prior permission to enter the Badger Road facility.

Accession/Other Identification Number

When available, HAI furnished accession or series numbers. However, most of the records did not have identification numbers.

Arrangement

The arrangement of the record series, for example, chronological, alphabetical, or subject, is described when possible.

Condition

HAI judged the physical condition of record series, categorizing them as either good, fair, or poor. Records are rated poor when they contain aged and faded typewritten originals or photocopies, illegible and faded handwritten copies, or badly torn or damaged documents. Records are rated fair when documents are older but are not too damaged or faded to be read or viewed clearly. Records are rated good when they contain current photocopies, well-kept originals on quality paper, and clear, dark print copies.

Container Number

In this field, HAI has provided the location number of records stored in the vault. Location numbers are prefixed with letters denoting steel shelves (SS), filing cabinets (FC), book cases (BC), lateral files (LF), card catalogs (CC), wall shelves (WS), and wall cabinets (WC). HAI recorded the type of shelving, the range of shelves, and the shelf number and has also indicated when records were stacked individually on tables or in boxes on the floor. ORISE has a location guide to the records in the vault, which shows the arrangement of the shelves with location numbers.

Data Elements

The data elements that HAI considered pertinent to the record series are listed in numerical order. The numbers correspond to the data elements list.

Disposition Authority

None of the records inventoried for this guide have been scheduled according to the standard record schedules, including the National Archives and Records Administration's (NARA) General Records Schedules (GRS) or the DOE Records Schedules (DOERS); therefore, HAI described the records as "unscheduled." A moratorium on the destruction of records relevant to epidemiologic and health-related studies has been in effect since 1989.

Duplication

Some records may exist elsewhere in a duplicate form, such as on magnetic tape or a database file. If the exact location of the duplication is known, HAI has provided this information. For all other cases, "unknown" has been used.

Finding Aids

HAI has provided information as to whether an index or other reference guide, called a "finding aid," exists for each record series. The Vault Inventory Database is the principal finding aid for inactive records in the CER vault. The CER Program Databases serve as finding aids for CER reference collections and reading files.

Location

Information on the physical location of the record series and an indication of the records' status (as active or inactive) are found here. Active records are necessary for conducting the current business of an office and, as such, must be maintained in office space. Inactive records may be housed in temporary storage facilities until they are either destroyed or sent to NARA for permanent retention. HAI has indicated the custodial office abbreviation and room number where records are currently being stored.

Medium

The physical nature of the records, such as paper, microfiche, or microfilm, is noted.

Originating Office

HAI has provided the originating office of the organization (e.g., ORISE or specific AEC contractors) under this heading. Researchers should be aware that the office or organization which created the records may not be the entity that controls access to them. Access to the records is controlled by the office in whose custody the records reside.

Scanning Suitability

HAI has indicated when records are suitable or not suitable for scanning. In instances where records are not clearly suitable, HAI has provided descriptions of the materials that may prove problematic for some scanners. This statement may not be accurate in the future as the state-of-the-art in scanning technology continues to evolve.

Series Description

The series description provides, in a narrative format, essential information concerning the content of the records, the reasons for their creation, and the manner in which they were used. In some cases, the series descriptions contain cross-references to related textual and electronic records described elsewhere in the guide.

Title and Inclusive Dates

Each record series description begins with a title that reflects the broad content of the record series as well as the inclusive dates. HAI used the descriptive titles given by their

creators. When descriptive or accurate titles were not provided, HAI assigned appropriate titles.

Volume

The approximate volume of the record series is provided in cubic feet or number of microfilm cassettes.

Electronic File Descriptions

Descriptions for electronic records are found in the second half of Section IV. The electronic record series descriptions contain ten major data items, some of which are the same as, or similar to, those in the textual records series descriptions. These include file type, file name, location, tape number, access restriction, name of the originating office, and disposition authority. Also included are data items pertaining to characteristics unique to electronic record format, including file type, hardware/software used to support the file, and name of office/program supported.

Data items are listed alphabetically and further explained below.

Access Restrictions

Please refer to the information provided under this heading for textual records.

Data Elements

The data elements that HAI considered pertinent to the record series are listed in numerical order. The numbers correspond to the data elements list.

Disposition Authority

None of the records in this guide have been scheduled according to the GRS or DOERS; HAI has described these records as "unscheduled." A moratorium on the destruction of records relevant to epidemiologic and health-related studies has been in effect since 1989.

File Description

The file description provides, in a narrative format, essential informational concerning the content of electronic files. Other data includes the number of records, variables in the files, and purpose of the files. In some cases, the file descriptions contain cross-references to related textual records described elsewhere in the guide.

File Name

This is the name given to the file at the time it was created.

File Type

Each entry indicates whether the files are raw data, working, or analysis files.

Hardware/Software

HAI has provided names of the hardware and software used to support the electronic files. All files at CER are accessed using an IBM 9221 mainframe computer.

Location

Information on the physical location of the files and an indication of their status, active or inactive, are found here. Records are listed by custodial office abbreviation, then by room number.

Office/Program Supported

This is the office or program which used the files for epidemiologic studies or other purposes.

Originating Office

This is the name of the office which created the files.

NOTES

1. Richard G. Hewlett and Oscar E. Anderson, *A History of the United States Atomic Energy Commission*, Vol. 1, *The New World, 1939-1946* (University Park: Pennsylvania State University Press, 1962); Richard G. Hewlett and Francis Duncan, *A History of the Atomic Energy Commission*, Vol. 2, *Atomic Shield, 1947-1952* (University Park: Pennsylvania State University Press, 1969); Charles W. Johnson and Charles O. Jackson, *City Behind a Fence: Oak Ridge Tennessee, 1942-1946* (Knoxville: University of Tennessee Press, 1981); Vincent C. Jones, *Manhattan: The Army and the Atomic Bomb* (Washington, DC: U.S. Army Center for Military History, 1984); James W. Kunetka, *City of Fire: Los Alamos and the Atomic Age, 1943-1945* (Albuquerque: University of New Mexico Press, 1979); Richard Rhodes, *The Making of the Atomic Bomb* (New York: Simon and Schuster, 1986).
2. Richard G. Hewlett and Jack M. Holl, *A History of the United States Atomic Energy Commission*, Vol. 3, *Atoms for Peace and War: Eisenhower and the Atomic Energy Commission, 1953-1961* (Berkeley: University of California Press, 1989); Richard G. Hewlett and B.J. Dierenfield, *The Federal Role and Activities in Energy Research and Development, 1946-1980: An Historical Summary* (Oak Ridge: Oak Ridge National Laboratory, 1983).
3. Terrence R. Fehner and Jack M. Holl, *The United States Department of Energy: An Historical Summary, 1977-1994* (Washington, DC: United States Department of Energy, History Division, 1994).
4. Hewlett and Anderson, *The New World*, 82, 119, 159, 299-300; Johnson and Jackson, *City Behind A Fence*, 8-10; Jones, *Manhattan*, 78-79, 134-40, 149-51; *ORNL Review*, Vol. 25, Nos. 3 and 4 (1992) "ORNL The First Fifty Years (1942-1992)," chapter 1.
5. Hewlett and Duncan, *Atomic Shield*, 82, 119, 159, 299-300; *ORNL Review*, chapter 2; *Site History of Oak Ridge Reservation*, 11.
6. Department of Energy, Office of Science and Technology Advisor, *Capsule Review of DOE Research and Development Laboratories and Field Facilities* (Washington, DC: September 1992), 3.78; Hewlett and Anderson, *The New World*, 141-166.
7. Hewlett and Anderson, *The New World*, 130, 624; ChemRisk, *Oak Ridge Health Studies Phase I Report. Vol. 2, Part A: Dose Reconstruction Feasibility Study: A Summary of Historical Activities on the Oak Ridge Reservation with Emphasis on Information Concerning Off-Site Emission of Hazardous Material* (Alameda: ChemRisk, 1993), 110-122; *Capsule Review*, 3.70.
8. William G. Pollard, *ORAU: From the Beginning* (Oak Ridge: Oak Ridge Associated Universities, 1980), 1-19; Hewlett and Anderson, *The New World*, 637; Hewlett and Holl, *Atoms for Peace and War* 259.

9. Rodney Carlisle, "Training and Education: AEC and Naval Reactors," preliminary draft prepared for the Office of New Production Reactors (Rockville, MD: History Associates Incorporated, May 1991), 5, 26; Hewlett and Holl, *Atoms for Peace and War*, 259.
10. For the CEDR Catalog, contact Office of Epidemiologic Studies, EH-62, United States Department of Energy, Washington, DC 20585.
11. *Human Radiation Experiments*, 108-110; Barton C. Hacker, *The Dragon's Tail: Radiation Safety in the Manhattan Project, 1942-1946* (Berkeley: University of California Press, 1987), 67.
12. *Human Radiation Experiments*, 47-49; Hacker, *The Dragon's Tail*, 31-48.
13. *Human Radiation Experiments*, 189-190; Hacker, *The Dragon's Tail*, 49-50.
14. *Human Radiation Experiments*, 136-137; Hacker, *The Dragon's Tail*, 59-71.
15. Shirley A. Frey, et al., "Health and Mortality Among Contractor Employees at U.S. Department of Energy Facilities," in Jack P. Young and Rosalyn S. Yalow, eds., *Advances in Chemistry Series*, Vol. 243, *Radiation and Public Perception; Benefits and Risks*. (Washington, DC: American Chemical Society, 1994), 240-241.
16. Ibid.
17. Ibid.
18. Ibid.
19. Ibid.
20. Ibid.
21. "The Hanford Health and Mortality Study," unpublished DOE report (The original manuscript was prepared by B. D. Breitenstein, E. G. Gilbert, and S. Marks in 1979; this version was updated by G. Petersen in 1990); "Introductory Material on Mortality Studies," unpublished DOE report, undated; and Thomas F. Mancuso, "Study of the Lifetime Health and Mortality Experience of Employees of ERDA Contractors," Final Report #13 (September 30, 1977).
22. "The Hanford Health and Mortality Study."
23. U.S. Department of Energy, *Privacy Act of 1974; Publication of System Notice, Federal Register* 47, No. 64 (April 2, 1982).

I. SITES AND CONTRACTORS

Data Cards, undated

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1.87 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: SS-12-3

Medium: Paper

Scanning Suitability: Series contains punch cards.

Duplication: Unknown

Arrangement: Numerical by social security or account number

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains computer-generated punch cards for Hanford employees. Employee information includes name, social security number, birthdate, sex, race, and case number.

For related records, see IV. Documentation, Site Notebooks, 1976-1990.

Data Elements: 7-8, 16-17, 20-21

Dose Data Summary Records, ca. 1944-1946

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 2.5 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: SS-3-3, SS-3-5

Medium: Paper

Scanning Suitability: Series contains discolored paper strips.

Duplication: Unknown

Arrangement: Numerical by payroll number

Originating Office: Health Physics Division

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains annual dose data for Du Pont employees at Hanford. This information, which was collected for the Atomic Energy Commission Hanford Health and Mortality Study, provides employee name, payroll number, and hire and termination dates.

For related studies, see IV. Documentation, Site Notebooks, 1976-1990.

Data Elements: 8, 16, 24-25, 62

Du Pont Employee Lists, 1944-1946

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.06 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: SS-3-4

Medium: Paper

Scanning Suitability: Series contains poor-quality photocopies.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: E. I. du Pont de Nemours and Company

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains photocopies listing Du Pont employees at Hanford. Employee information includes badge number, date of medical examination, date of termination, and, occasionally, names of relatives. The series also includes lists of name changes and names not on the Hanford list.

For related records, see IV. Documentation, Site Notebooks, 1976-1990.

Data Elements: 7-8, 10, 16, 25

Employee Rosters, 1984

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-22-2

Medium: Paper

Scanning Suitability: Series contains oversized computer-generated reports.

Duplication: Unknown

Arrangement: Numerical

Originating Office: Hanford Environmental Health Foundation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of coded computer-generated rosters of Hanford employees sent by the Hanford Environmental Health Foundation to the K-25 Site at Oak Ridge.

For related records, see IV. Documentation, Site Notebooks, 1976-1990.

Data Elements: 8

Research Records, ca. 1965-1974

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: LF-5-2, LF-5-3

Medium: Paper

Scanning Suitability: Series contains poor-quality photocopies, brittle paper, and bound volumes.

Duplication: Unknown

Arrangement: None

Originating Office: Hanford Site

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains research materials consisting of occupational and industrial hygiene reports, a roster of General Electric employees working at the Hanford site, Du Pont film badge data, a list of employees exposed to mercury, and environmental reports. The series also includes budget files and correspondence for the Atomic Energy Commission Health and Mortality Study.

For related records, see IV. Documentation, Site Notebooks, 1976-1990.

Data Elements: 8, 62, 77, 83

Correspondence, 1944-1945

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: SS-2-1

Medium: Paper

Scanning Suitability: Series contains
colored, brittle paper.

Duplication: Unknown

Arrangement: None

Originating Office: Linde Air Products Company Ceramics Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains correspondence between Linde Air Products management and various subcontractors, the United States War Department, and the Manhattan Engineer District Office concerning the processing of uranium compounds.

Data Elements: 6

Employee Urine Sample Cards, ca. 1945-1949

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: LF-6-4

Medium: Paper

Scanning Suitability: Series contains handwritten cards.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Graduate School of Public Health, University of Pittsburgh

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: These cards provide urine sample information on Linde Air Products Company employees. Most of the cards contain employee names, dates of birth, social security numbers, and job titles; levels of uranium and fluoride in the samples; and sample dates and numbers.

For related records, see IV. **Documentation, Electronic Records Documentation, 1978-1992 and Analysis Files, Linde Air Products Company Worker Mortality Study Employment Data, 1943-1949.**

Data Elements: 7-8, 17, 28, 68

Employee X-rays, ca. 1945-1949

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 20 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: SS-21-5, SS-22-5, SS-23-4, SS-23-5, SS-24-4

Medium: X-rays

Scanning Suitability: Not suitable; series consists of X-rays.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Linde Air Products Company Ceramics Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of X-rays of upper and lower torsos of Linde Air Products Company employees.

Data Elements: 45

Medical and Personal History Abstract Forms, 1943-1947

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 11 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: BC-3, SS-21-4, SS-22-4, SS-23-3, SS-24-3

Medium: Paper

Scanning Suitability: Series contains handwritten forms.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Linde Air Products Company Ceramics Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains abstract forms with employee personal and medical information. General employee information includes name, social security number, birthdate, birthplace, educational level, employment and medical history, previous industrial exposure, and nationality of parents. Specific medical information includes date of medical examination; employee height, weight, and blood pressure; and chest X-ray, urinalysis, and blood test results.

For related records, see IV. **Documentation, Electronic Records Documentation, 1978-1992 and Analysis Files, Linde Air Products Company Mortality Study Medical Data, 1943-1949.**

Data Elements: 7-8, 17-18, 22, 30, 35, 42, 45, 47, 75

Mortality Study Data Reports, ca. 1979-1985

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Next to BC-5

Medium: Paper

Scanning Suitability: Series contains over-sized computer-generated reports and handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: Linde Air Company Products Ceramics Plant; Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of computer-generated reports used for the mortality study of Linde Air Products Company employees from World War II. Information includes employee names, social security numbers, Social Security Administration status, vital status, other sources for vital status, and job titles. The reports also provide a list of all white males employed for more than thirty days.

For related records, see IV. Documentation, Electronic Records Documentation, 1978-1992 and Analysis Files, Linde Air Products Company Mortality Study Employment Data, 1943-1949.

Data Elements: 7-8, 16, 28, 58

Project Study Files, ca. 1983

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 3 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-6-5, BC-7-5, BC-11-4

Medium: Paper and transparencies

Scanning Suitability: Series contains handwritten notes and transparencies.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: These project study files contain documentation concerning Linde Air Products Company Ceramics Plant employees. Files include correspondence requesting information and vital statistics on former employees; rosters of deaths due to cancer of the larynx or esophagus; rosters of Social Security Administration data; records with vital statistics and last known addresses; reports on the hazards of processing uranium compounds and the uranium electromagnetic separation process; job descriptions and histories extracted from Personnel Security Questionnaires; background material from the New York tumor registry; and research papers, presentations, and transparencies.

For related records, see IV. **Documentation, Electronic Records Documentation, 1978-1992** and series listed under **Analysis Files, Linde Air Products Company.**

Data Elements: 6-8, 10-11, 16-18, 20-21, 24-25, 27-28, 30-31, 34-37, 39-40, 53-63, 65, 68-69, 71, 75, 77, 88-90

Reference Notebooks, ca. 1943-1983

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-19-1

Medium: Paper

Scanning Suitability: Series contains poor-quality print.

Duplication: Unknown

Arrangement: None

Originating Office: Linde Air Products Company Ceramics Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of three notebooks of documents and correspondence pertaining to the Linde Air Products Company's organizational units and personnel involved in uranium and nickel processing. Information includes employee names, job titles and descriptions, job histories, work assignment locations, exposure levels to uranium compounds, exposure codes, and urinalysis results. The series also includes sampling records for total airborne dust, chemical terminology used for nonradioactive and radioactive compounds, and transcripts of interviews with former employees.

For related records, see IV. **Documentation, Electronic Records Documentation, 1978-1992** and series listed under **Analysis Files, Linde Air Products Company.**

Data Elements: 2, 6, 8, 24, 27, 28, 30, 31, 59, 68, 81, 88

Work History Grids, 1983

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 2 cu. ft.

Accession or Other ID Number: DUMLINO12-vol. 1-4, 721075849

Condition: Fair

Container Number: BC-3, BC-9-3

Medium: Paper

Scanning Suitability: Series contains handwritten notes and red ink.

Duplication: Unknown

Arrangement: Numerical by social security number

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains work history grids for Linde Air Products Company employees from 1943 to 1946. The grids provide employee name, social security and identification numbers, department, job title, date of birth, sex, race, hire and termination dates, work location, and a brief employment history. Some employee address histories are also included.

For related records, see IV. Documentation, Electronic Records Documentation, 1978-1992 and Analysis Files, Linde Air Products Company Mortality Study Employment Data, 1943-1949.

Data Elements: 7-8, 11, 16-17, 20-21, 24-25, 28, 30-31

Daily Schedules, 1948-1957

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 2.25 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: CF-21-1, CF-24-4

Medium: Paper

Scanning Suitability: Series contains handwritten forms.

Duplication: Unknown

Arrangement: Chronological by year, thereafter by week

Originating Office: Uranium Division, Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of daily schedules for Mallinckrodt Chemical Works employees. Information includes employee names, job types, clock and shift numbers, and "discrepancies."

Data Elements: 8, 16, 28, 31

Data Analysis Records, 1982-1983

Location: Active:
Inactive: ORISE, CER Vault, Room 129,

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 3 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: SS-8-4

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of computer-generated analysis data pertaining to Mallinckrodt Chemical Works employees. Information includes employee names, social security numbers, film badge exposure data, and number of lung cancer deaths.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 7-8, 16, 28, 59-60

Dispensary Records, 1949-1966

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 12.5 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: FC-20-2, SS-18-5, SS-18-6, SS-19-5, SS-19-6

Medium: Paper

Scanning Suitability: Series contains handwritten notes on colored paper and bound notebooks.

Duplication: Unknown

Arrangement: Varies; alphabetical by name or unarranged

Originating Office: Uranium Division, Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains medical dispensary records for Mallinckrodt Chemical Works employees. Documentation consists of X-ray diagnosis logs, appointment books, insurance report claims, a medical procedures manual, and urinalysis and blood test results. Information includes employee name, sex, department, and disease history; date, type, and nature of injury; date of treatment and return to work clearance; and a brief description of the accident.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 8, 16, 20-21, 35, 38, 40-41, 45, 47, 68, 75

Dust Concentration Cards, 1943-1952

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.25 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: LF-6-4

Medium: Paper

Scanning Suitability: Series contains handwritten cards.

Duplication: Unknown

Arrangement: Varies; by plant or badge number

Originating Office: Uranium Division, Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains cards that document the exposure of Mallinckrodt Chemical Works employees to uranium dust. Information includes employee names, exposure dates, job categories and titles, and levels of alpha exposure (in disintegrations per minute per cubic meter).

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 8, 16, 28, 59-60

Employee Cards, ca. 1947-1956

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.5 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: BC-2-2, BC-2-3

Medium: Paper

Scanning Suitability: Series contains handwritten cards.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Uranium Division, Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of index cards pertaining to Mallinckrodt Chemical Works employees. Employee information includes name, address, work location, birthplace, birthdate, citizenship, alien registration number, clearance status, and termination date. A separate remarks section provides employee social security number, race, height, weight, hair and eye colors, age, and length of employment.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 7-8, 11, 16-18, 20-21, 25, 27, 31

Employee Lists, 1944-1946, 1957-1968

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.25 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Numbers: FC-21-2

Medium: Paper

Scanning Suitability: Series contains mathematical tables.

Duplication: Unknown

Arrangement: None

Originating Office: Uranium Division, Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of rosters of Mallinckrodt Chemical Works employees. Employee information includes name; social security number; birthdate; sex; hire, layoff, termination, and transfer dates; and time clock number.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 7-8, 16-17, 20, 24-25, 33

Employee Rosters, ca. 1940s-1960s

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-6-2

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Unknown

Arrangement: Varies; alphabetical by name or numerical by social security number

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of several computer-generated rosters of Mallinckrodt Chemical Works personnel employed from the 1940s through the 1960s, and includes master, urinalysis, medical file, film badge reading, and breath radon test result lists. The master list, arranged by social security number, provides employee name, date and place of birth, military service history, citizenship status, and clearance level. The remaining lists are arranged alphabetically by employee name and provide social security and badge numbers, job area, first and last examination dates, and wage/salary information.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 7-8, 16-18, 27, 31, 35, 42

Film Badge Summary Reports, 1945-1966

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 16.5 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: FC-19-2 to FC-19-4, FC-22-1, FC-22-2, FC-22-4, FC-23-1, FC-24-2 to FC-24-4, LF-6-4

Medium: Paper

Scanning Suitability: Series contains tables and handwritten notes.

Duplication: Unknown

Arrangement: Varies; chronological or unarranged

Originating Office: Uranium Division, Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists mostly of weekly, bi-weekly, quarterly, and annual film badge summary reports for Mallinckrodt Chemical Works employees in Plants 4, 6, and 6E. Information includes employee name, badge number, job, plant number, and dosimeter and film processing types. Film badge results are provided in total millireps (mrep), total beta mrep, and total gamma milliroentgens. The series also contains cards and worksheets which provide cumulative beta and gamma activity percentages by employee groups.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 6, 8, 16, 31, 81, 93, 96-98

General and Hazards Information Study Records, 1948-1956

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 5 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: FC-20-1, FC-20-4,
FC-21-2

Medium: Paper

Scanning Suitability: Series contains
handwritten forms, blueprints, and
mathematical tables.

Duplication: Unknown

Arrangement: Numerical by building number

Originating Office: Health and Safety Department, Uranium Division, Mallinckrodt
Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains correspondence, reports, proposals and other documentation pertaining to radiation and nonradiation studies conducted at the Mallinckrodt Chemical Works, Plants 4, 6, 6E, 7, 7E, and 7W. The radiation studies provide beta measurements in millireps per hour for each work location, daily dust exposure levels in millireps per hour, and alpha concentrations in disintegrations per minute per cubic meter. The series also contains reports concerning nonradiation hazards and correspondence pertaining to monitoring equipment.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 6, 81, 83, 85, 88, 89, 102, 107, 117, 119, 121, 123, 124

Guard Identification Study Lists, 1975

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.25 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-6-2

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains a computer-generated list of guards working at Mallinckrodt Chemical Works. Information includes the guards' names, social security and badge numbers, birthdates, birthplaces, sex, and security clearance levels.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 7-8, 16-18, 20

Hazards Assessment Records, 1962-1966

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 0.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Next to CC-9

Medium: Paper

Scanning Suitability: Series contains
handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains documents and reports concerning the assessment of radiological hazards in the Mallinckrodt Chemical Works Uranium Division. Gross alpha activity in air samples is expressed in disintegrations per minute per cubic meter.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 75, 77, 103, 124

Health and Mortality Study Research Files, 1949-1971

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 3 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: SS-1-6

Medium: Paper

Scanning Suitability: Series contains brittle paper, handwritten notes, and bound volumes.

Duplication: Unknown

Arrangement: None

Originating Office: Uranium Division, Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains information gathered by the Director of Safety and Maintenance at Mallinckrodt Chemical Works for the Atomic Energy Commission Health and Mortality Study. Records focus on the uranium content of urine samples. Included are photocopies of bioassay monitoring cards which furnish employee name, birthdate, social security number, and results. The series also contains handwritten notes, correspondence, and reports titled *Occupational Exposure to Radioactive Dust*.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 7-8, 16-17, 68

Health and Safety Procedures Handbooks, 1963-1965

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 1.25 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: FC-21-1, FC-21-2

Medium: Paper

Scanning Suitability: Series contains poor-
quality photocopies.

Duplication: Unknown

Arrangement: Numerical by classification number

Originating Office: Health and Safety Department, Uranium Division, Mallinckrodt
Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains Health and Safety procedures handbooks and operating manuals for employees at the metal, green salt [uranium tetrafluoride], and sampling plants of Mallinckrodt Chemical Works.

Data Elements: 3, 89

Job History Sheets, 1957-1966

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 2 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: FC-21-3

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: None

Originating Office: Health and Safety Department, Uranium Division, Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of job history sheets for Mallinckrodt employees at the Weldon Spring Plant. Each sheet provides employee name, clock number, shift, week number, department, and supervisor's shift and work unit.

For related records see IV. Analysis Files, Uranium Dust Lung Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 8, 16, 31

Medical Examination Cards, 1957-1958

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: LF-6-2, LF-6-3

Medium: Paper

Scanning Suitability: Series contains handwritten cards.

Duplication: Unknown

Arrangement: Chronological by month, thereafter alphabetical by name

Originating Office: Uranium Division, Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains cards used to document medical examinations for Mallinckrodt Chemical Works employees. Each card contains an employee's name, department, and time clock number. Cards provide the schedule for examinations and tests, the dates procedures were performed, and results.

For related records see IV. Analysis Files, Uranium Dust Lung Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 8, 16, 35

Medical Files, ca. 1949-1966

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 120 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: FC-3 to FC-18

Medium: Paper

Scanning Suitability: Series contains handwritten notes and various sizes of colored, brittle paper.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Uranium Division, Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains Mallinckrodt Chemical Works employee medical files. Records include correspondence, radiographic examination reports, X-ray information, medical histories, vital statistics, urinalysis results, internal histories, dust exposure indexes, injury reports, blood count histories, dispensary records, annual internal/external radiation exposure summaries, blood test results, and breath radon analyses.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 6-9, 11-12, 16-18, 20-21, 23-25, 28, 30, 35-40, 42, 44-45, 47, 51, 68, 75

Payroll Cards, ca. 1942-1966

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1.25 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: BC-2-2

Medium: Paper

Scanning Suitability: Series contains handwritten cards.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Uranium Division, Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of payroll cards for Mallinckrodt Chemical Works personnel. Employee information includes name, health and payroll numbers, starting and termination dates, department code, and classification level.

For related records, see IV. Analysis Files, Uranium Dust Lung Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 8, 16, 24-25, 27

Personnel and Environmental Monitoring Records, 1950-1966

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 3 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: FC-19-4, FC-20-3, box next to CC-9

Medium: Paper

Scanning Suitability: Series contains graphs, maps, tables, and bound, handwritten notebooks.

Duplication: Unknown

Arrangement: None

Originating Office: Health and Safety Department, Uranium Division, Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains environmental and personnel monitoring data for the Mallinckrodt Chemical Works Weldon Spring Plant, the Atomic Energy Commission Quarry Storage, and the Airport Storage Sites.

Personnel and Environmental Monitoring Records, 1950-1966 (continued)

Series Description:

Environmental monitoring records include quarterly, semi-annual, annual, and progress reports; survey studies; and correspondence concerning water, air, and soil samples analyzed for uranium. The records indicate sampling locations, the number of samples collected, and the frequency of sampling. Measurements of radioactivity are reported in microcuries per cubic centimeter $\times 10^7$ of the maximum permissible concentration (MPC).

Personnel monitoring data, recorded in quarterly reports, were derived from film badges and urinalyses. Gross beta and gamma measurements from film badges are represented as a percentage of MPC and in millireps (mrep). Other reports provide employee work locations and film badge exposures exceeding 3,000 mrep. Urinalysis reports include concentrations of uranium in milligrams per liter, number of employees sampled, and the percentage of the total work force sampled.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 6, 8, 16, 28, 59, 68, 75, 89, 103, 116-119, 124

Personnel Records, ca. 1943-1966

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 38 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: SS-6-1 to SS-6-6, SS-7-1 to SS-7-6, SS-8-1

Medium: Paper and photographs

Scanning Suitability: Series contains handwritten records and photographs.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Uranium Division, Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains personnel records for Mallinckrodt Chemical Works salaried and hourly employees. Documents consist of employee cards, photographs, Personnel Security Questionnaire forms, security acknowledgements and statements, and correspondence. Information provided by the records includes employee names, results of performance reviews, and descriptions of disciplinary actions taken.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 7-9, 11-12, 16-18, 20, 21-25, 27-28, 33-34

Radiation Summary Data, 1945-1946, 1950

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.25 cu. ft.

Accession or Other ID Number: None

Condition: Poor; records are brittle and faded.

Container Number: FC-21-1

Medium: Paper

Scanning Suitability: Series contains brittle, faded records and blueprints.

Duplication: Unknown

Arrangement: None

Originating Office: Uranium Division, Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of film badge data for Mallinckrodt Chemical Works employees. The records provide employee name, social security and badge numbers, race, age, sex, hire and termination dates, and total beta and gamma activity exposures expressed in milliroentgens. The series also includes blueprints of the sewer system, laboratory, and buildings at the Weldon Spring Plant.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 7-8, 16, 20-21, 24-25, 62, 117

Radioactive Dust Study Monitoring Records, 1944-1966

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 7 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: FC-23-2, FC-23-3, SS-1-1

Medium: Paper

Scanning Suitability: Series contains blueprints, various paper sizes, and mathematical tables.

Duplication: Unknown

Arrangement: Chronological

Originating Office: Health and Safety Department, Uranium Division, Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains correspondence, health reports, and other documentation relating to occupational exposure from radioactive dust at the Mallinckrodt Chemical Works Weldon Spring Plant. Included are records which indicate maximum dust exposure levels as 50 micrograms per cubic foot and actual concentrations in micrograms per cubic meter. The health reports provide the sample numbers, dates, hours, and descriptions, with results expressed in disintegrations per minute and disintegrations per minute per cubic meter. They also provide maximum beta and gamma activity dose rates to lungs, skin, and bone, and the number of workers whose exposures exceeded those rates. The series also includes policies and procedures for monitoring and testing exhaust systems.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 6, 89, 116, 117, 119, 123

Radiographic Examination Records, ca. 1948-1966

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 6 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: SS-19-1, SS-19-2

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: Numerical by box number

Originating Office: Uranium Division, Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of reports from Mallinckrodt Chemical Works employee X-rays and related medical examinations. Information includes date of examination; bodily area examined; serial film number; and employee pre-employment medical history, health file number, and national origin.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 8, 16, 20, 21, 45

Radon Project Records, 1944-1957

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.25 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: FC-23-4

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: Uranium Division, Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains records of the Mallinckrodt Chemical Works radon project conducted in conjunction with the United States Corps of Engineers. Documents include air and breath sample results, radon surveys, health reports, and correspondence concerning radon exposure levels. Breath sampling results are given in the percentage of the tolerance value of 0.1 micrograms of radon. The radon surveys include sample locations, concentrations in curies per liter, and brief remarks. The health reports provide plant numbers, sample locations, numbers of measurements, percentages of tolerance value, and averages. "MZ" (radon) reports provide areas, sample counts, date ranges, and levels of radon concentration in curies per liter. Air sample results are given in percentages of the tolerance level of 100 microcuries of radon per liter.

Data Elements: 6, 8, 31, 69, 85, 89, 103, 116, 119, 124

Security Reports, 1943-1966

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1.25 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: FC-24-1

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: Chronological by year

Originating Office: Uranium Division, Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains weekly reports written by security officers at Mallinckrodt Chemical Works concerning ongoing projects, personnel strength, and payroll issues. The reports include lists of new, transferred, and terminated employees, with corresponding department numbers.

Data Elements: 8, 16, 34

Terminated Clearances Card Index, ca. 1948-1967

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 2 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: SS-8-3

Medium: Paper

Scanning Suitability: Series consists of handwritten cards.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of index cards containing information on Atomic Energy Commission security clearances held by employees of the Mallinckrodt Chemical Works. The cards provide employee name, birthdate, birthplace, and social security number; type of clearance; and length of time an employee held a clearance.

Data Elements: 7-8, 11, 17-18

Urinary Uranium (UU) Program Records, 1958-1964

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1.75 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: FC-23-4

Medium: Paper

Scanning Suitability: Series contains handwritten notes and graphs.

Duplication: Unknown

Arrangement: None

Originating Office: Health and Safety Department, Uranium Division, Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains records regarding the Urinary Uranium (UU) Program conducted at Mallinckrodt Chemical Works. Records include health reports, laboratory notebooks, and quarterly and annual reports. The health reports and laboratory notebooks provide the UU concentration for each employee in milligrams per liter. Graphs in the reports indicate the actual and average monthly and yearly UU action levels for each employee. Quarterly analyses reports provide UU in milligrams per liter and the number and percentage of personnel sampled.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966.

Data Elements: 8, 16, 31, 68, 75

Weldon Spring Plant Experimental Permits, 1955-1957

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.25 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: FC-24-1

Medium: Paper

Scanning Suitability: Series consists of faded copies, graphs and mathematical tables.

Duplication: Unknown

Arrangement: Chronological by year

Originating Office: Mallinckrodt Chemical Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains *Experimental Permits* and *Report on Experimental Permit Forms* used in Mallinckrodt Chemical Works Plants 6, 6E, 7S-1, and 7. The forms were sent to plant foremen to request changes to plant procedures pertaining to experiments. Information in the records includes titles and purposes of experiments, names of persons requesting the experiments, procedures followed, and results.

Data Elements: 8, 10, 31, 34, 81, 88-89

Work History Abstract Forms, 1986

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1.5 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: BC-6-1

Medium: Paper

Scanning Suitability: Series contains handwritten forms.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: These abstract forms contain work history information for Mallinckrodt Chemical Works employees. Employee information includes name, social security number, sex, race, hire and termination dates, plant location, job titles, and duration of employment.

Data Elements: 7-8, 20-21, 24-25, 28, 31

Chromate Cohort Study Records, 1959-1962

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 4 cu. ft.

Accession or Other ID Number: None

Condition: Poor; records are on poor-quality paper.

Container Number: FC-26-1, FC-26-2

Medium: Paper

Scanning Suitability: Series contains oversized computer-generated reports on poor-quality paper.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Manhattan Engineer District and Atomic Energy Commission

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of notebooks, computer-generated work histories and related correspondence. Employee information provided in the records includes name, social security number, benefit status, years of entitlement and death, birthplace, race, and city and state of residence. The series also includes a list of former Union Carbide employees who did not have Personnel Security Questionnaires forms on file and employees who could not be located.

For related records, see series listed under IV. Working Files.

Data Elements: 6-8, 17-18, 21, 24, 28, 30, 54, 57

Contractor Data Entry Sheets, ca. 1942-1988

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 38.41 cu. ft.

Accession or Other ID Number: 1) 10010; 2) 10019; 3) 10065; 4) None

Condition: Good to fair

Container Number: 1) SS-3-1; 2) FC-1-1, FC-1-2, FC-1-5, FC-2-2 to FC-2-4, SS-2-1, SS-3-3, SS-3-4, SS-5-2; 3) SS-20; 4) BC-3-1, FC-1-3, FC-19-1, FC-25-1 to FC-25-4

Medium: Paper

Scanning Suitability: Series includes oversized computer-generated reports with handwritten notes.

Duplication: Unknown

Arrangement: Generally alphabetical by name

Originating Office: Atomic Energy Commission; Monsanto Chemical Company; Mound Plant; Substitute Alloy Materials Laboratory; Oak Ridge Associated Universities; Oak Ridge Institute for Science and Education; E. I. du Pont de Nemours and Company; Linde Air Products Company Ceramics Plant; National Lead of Ohio

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Contractor Data Entry Sheets, ca. 1942-1988 (continued)

Series Description: This series contains data entry sheets for Atomic Energy Commission contractor employees. The sheets include coded and uncoded data for employee name, social security and payroll numbers, date and place of birth, military service, sex, race, record date, vital status, work history, job title, organizational code, building, area, company, source and record dates, clearance level, total number and date of records, and start and termination dates. The sheets also provide information concerning employee relatives, such as name, relationship to employee, age, vital status, city and state, coded source, and record date. Relatives most frequently listed are parents and siblings. Also provided is information relating to unusual incidents, including date and time of incident, employee involved, and exposure data. A small number of facility data sheets included in the series indicate facility name, code, years of operation, and processes.

For related records, see series listed under IV. **Working Files.**

Data Elements: 7-8, 11, 16-21, 24-25, 28, 30-31, 58, 61, 88, 122

Employee and Facility Monitoring Records, ca. 1947-1969

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 4 microfilm cartridges

Accession or Other ID Number: None

Condition: Good

Container Number: LF-2

Medium: Microfilm

Scanning Suitability: Series consists of microfilm.

Duplication: Unknown

Arrangement: None

Originating Office: Ames Laboratory; Bethlehem Steel Corporation; Brookhaven National Laboratory; Brush Beryllium Company; Electro Metallurgical Company; Harshaw Chemical Company; Lake Ontario Ordnance Works; Linde Air Products Company Ceramics Plant; National Lead of Ohio; Simonds Saw and Steel Company

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This records series contains correspondence and monitoring records for Atomic Energy Commission facilities and employees in the Buffalo, New York, area. Facility monitoring records include air dust sampling records, which provide sample number, date, time, description, count time, and results in counts per minute; well sampling data; air radon surveys; reports pertaining to radon concentrations in railcars; and radiation surveys, which list average and high alpha levels in disintegrations per minute per 100 cubic centimeters. Personnel monitoring records generally include employee name and job title, sample number and date, and urinalysis results; film and pocket meter results for six week periods; and breath radon sample results. This series also includes medical records for Harshaw Chemical Company and Simonds Saw and Steel Company employees which detail employee medical and disease history, age, race, sex, marital status, and number of children. Correspondence in the series summarizes monitoring results, the disposal of radioactive materials, and decontamination criteria.

Data Elements: 8, 11, 12, 20-21, 23-25, 27-28, 35, 42, 45, 47, 62, 68, 103, 124

Employee Information Cards, ca. 1939-1965

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy System of Records; ORISE is an access-restricted facility.

Volume: 1.05 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: LF-6-2 to LF-6-4

Medium: Paper

Scanning Suitability: Series contains handwritten cards.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Graduate School of Public Health, University of Pittsburgh

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of information cards for employees at the Lindsey Chemical Company, Middlesex Sampling Plant, Vitro Manufacturing Company, National Lead of Ohio, and the University of California. Information includes employee names, social security numbers, job titles and locations, dates of birth, sex, age, illness histories, and termination dates. Some of the Vitro Manufacturing Company cards are cross-referenced to Personnel Security Questionnaires.

For related records see IV. Documentation, Electronic Records Documentation, 1978-1992 and series listed under Analysis Files, Five Rem Study.

Data Elements: 7-8, 17, 20-21, 25, 31, 40

Health Hazards Correspondence, 1943-1945

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.06 cu. ft.

Accession or Other ID Number: 10004-10006

Condition: Fair

Container Number: SS-3-2

Medium: Paper

Scanning Suitability: Series contains onionskin paper.

Duplication: Unknown

Arrangement: Alphabetical by contractor

Originating Office: Medical Corps, Manhattan Engineer District

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains correspondence between the Manhattan Engineer District and Monsanto Chemical Company, University of Chicago Metallurgical Laboratory, and Metal Hydrides, Inc., pertaining to employee monitoring. Subjects addressed in the correspondence include levels of employee exposure, blood test procedures and results, and amounts of dust in air samples. Some letters transmit air monitoring reports, which note sample number, location, and radioactivity levels in microcuries per liter; film badge readings, with employee badge or identification number, name, and results in total roentgens; and radium exposure data, including employee name or identification number, body dose of radium in micrograms, and percentage of tolerance.

Data Elements: 6, 8, 16, 62, 68, 77

Inactive Employee Locator Cards, ca. 1955-1970

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 5.3 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-3-5, BC-4-5, BC-4-6, box labeled *Call Log* next to SS-40

Medium: Paper

Scanning Suitability: Series contains handwritten forms, oversized computer-generated reports, and index cards.

Duplication: Unknown

Arrangement: Varies; alphabetical by contractor, thereafter by employee name, or by employee name (if contractor is not indicated)

Originating Office: Atomic Energy Commission and associated contractors

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of computer-generated reports and index cards for Atomic Energy Commission (AEC) contractor employees at the Sandia Laboratory, Chicago Operations Office, Nevada Test Site, Lawrence Livermore National Laboratory, AEC Headquarters, and New York Operations Office. Employee information in the records includes name, social security and badge numbers, birthplace, birthdate, date of hire, citizenship, race, sex, and security clearance level.

Data Elements: 7-8, 16-18, 20-21, 24-25, 28, 31

Medical Laboratory Examination Records, ca. 1943-1952

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 23.58 cu. ft.

Accession or Other ID Number: None

Condition: Good to fair

Container Number: SS-5-4, SS-15-1, SS-21-2, SS-21-3, SS-22-2, SS-22-3, SS-23-1, SS-23-2, SS-24-1 to SS-24-3

Medium: Paper
and X-rays

Scanning Suitability: Series contains poor-quality and colored paper, handwritten notes, graphs, and X-rays.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Manhattan Engineer District and Atomic Energy Commission

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of medical examination cards and related correspondence for the Manhattan Engineer District/Atomic Energy Commission worker study. These records establish baselines for uranium toxicity and exposure and furnish employee medical, surgical, smoking, drinking, and occupational histories. Employee information included in the records are name, address, social security number, weight, age, sex, race, blood pressure, chemical exposure level, work location, film badge readings, and urine and blood test results.

For related records, see series listed under IV. Working Files.

Data Elements: 7-8, 11, 16-17, 20-21, 28, 35-37, 39, 42-43, 45, 47, 59, 68, 75

Medical Program and Electromagnetic Project Worker Histories, ca. 1942-1947, 1969

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-21-3, BC-21-4

Medium: Paper

Scanning Suitability: Series contains records of different sizes.

Duplication: Unknown

Arrangement: Alphabetical by facility

Originating Office: Manhattan Engineer District

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of notebooks containing documentation on the Manhattan Engineer District Medical Program and Electromagnetic Project. Included are weekly, quarterly, and annual radiation monitoring data, which provide employee names, job titles, badge numbers, breath sample results, fingerprint impressions, dates, exposure levels, locations, measurements, and remarks. The records also include work histories, job titles, and descriptions of employees eligible for special awards.

Data Elements: 8, 11, 16, 28, 30, 31, 34, 59, 107, 124

Mortality Records, ca. 1949-1971

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 3.06 cu. ft.

Accession or Other ID Number: None

Condition: Good to fair

Container Number: CC-1, FC-26-4

Medium: Paper

Scanning Suitability: Series contains handwritten forms.

Duplication: Unknown

Arrangement: Loosely chronological

Originating Office: Social Security Administration; Graduate School of Public Health, University of Pittsburgh

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of mortality data collected for the Atomic Energy Commission Health and Mortality Study from Social Security Administration rosters and state death certificates. Employee information includes name, social security number, date and cause of death, insurance claim data, and address.

Data Elements: 7-8, 11, 54-55

Oak Ridge Medical Advisor's Office Files, ca. 1942-1947

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 2 cu. ft.

Accession or Other ID Number: 10043

Condition: Good

Container Number: SS-15-1

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Medical Advisor's Office, Oak Ridge Reservation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of employee and army personnel medical records; correspondence; daily sick and statistical health reports; monthly sanitation reports; X-ray, urinalysis, and blood test results; out-patient history cards; and military service monthly reports. Information includes employee name, age, date, race, sex, serial number, rank, division, and medical history; laboratory results; and hospital admission and discharge dates.

Data Elements: 8, 20-21, 24-25, 28, 35, 38, 42, 45, 47

Study Records, ca. 1933-1977

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 17.62 cu. ft.

Accession or Other ID Number: None

Condition: Good to fair

Container Number: FC-1-1, FC-1-5, FC-26-3, FC-26-4, LF-5-1, LF-11-1, SS-1-5, SS-3-3, SS-3-4, SS-20-5, SS-20-6

Medium: Paper

Scanning Suitability: Series contains poor-quality paper, various paper types, multiple fonts, handwritten notes, mimeographs, oversized computer-generated reports, tables, and diagrams.

Duplication: Unknown

Arrangement: Loosely alphabetical by name or subject

Originating Office: Oak Ridge National Laboratory; Graduate School of Public Health, University of Pittsburgh; Atomic Energy Commission, Energy Research and Development Administration, and associated contractors

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of records pertaining to the Atomic Energy Commission (AEC) Health and Mortality Study. It contains correspondence, health studies, annual reports, journal articles, and exposure monitoring data on AEC contractor employees. Employee information provided in the records includes dust exposure levels, name, badge and social security numbers, birthdate, birthplace, citizenship, clearance level, medical history, and weekly gamma and beta measurements.

Data Elements: 6-8, 16-18, 59, 62

United States War Department Engineer Office Files, ca. 1943-1947

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 0.25 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: FC-1-1

Medium: Paper

Scanning Suitability: Series contains poor-quality paper.

Duplication: Unknown

Arrangement: None

Originating Office: United States War Department

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains memoranda and correspondence generated by the War Department's Engineer Office. Subjects addressed in the records include plant safety, environmental monitoring, supplies, conferences, and meetings. Folder titles include: *Kellex X09; Milwaukee Area; Murray Hill Area; National Bureau of Standards; New York Area; Philadelphia Naval Yard; Physiological and Laboratory Examinations; Plant Safety; Progress Reports; Purdue University; Santa Fe Area; and Sylvania Electronic Products, Inc.*

Data Elements: 6

University of Rochester Film Badge Results, ca. 1942-1956

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 20 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: On top of FC-4-13, FC-4-19 to FC-4-22

Medium: Paper

Scanning Suitability: Series contains punch cards.

Duplication: Unknown

Arrangement: None

Originating Office: University of Rochester

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: Series consists of computer punch cards containing information concerning laboratory examinations, fingerprint cards, and film badge results.

Data Elements:

University of Wisconsin Dosimetry Research, ca. 1966-1972

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1.5 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: Box next to SS-40

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: Atomic Energy Commission; University of Wisconsin

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains dosimetry data generated in support of Atomic Energy Commission-sponsored research at the University of Wisconsin concerning the accuracy of thermoluminescent (TLD) and solid state neutron dosimeters. *TLD Data Books*, dated 1967 to 1971, contain patient names, exposure data, and standards for different types of dosimeters. *LETBI Data Books* contain information from 1966 to 1967 on exposure rates, total body irradiation, and the Rando Phantom dosimeter. The series also contains lecture and symposium notes, progress reports, and technical reports relating to the project.

Data Elements: 8, 62

Vitro Manufacturing Company Film Badge Data, 1945-1947

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.25 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: SS-3-2

Medium: Paper

Scanning Suitability: Series contains carbon copies and onionskin paper.

Duplication: Unknown

Arrangement: Chronological

Originating Office: Medical Corps, Manhattan Engineer District

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains film badge reading reports for Vitro Manufacturing Company employees. Information includes employee badge or disc number, name, occupation, and gamma and beta radiation exposure levels in roentgens per week and "times of tolerance." Some reports list only total gamma radiation.

Data Elements: 8, 16, 28, 59

Hazards Assessment Records, 1943-1945

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.25 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Box labeled Nick's Hazard Assessment Box next to CC-9

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains monitoring records and reports concerning the storage of uranium and beryllium at the Middlesex Sampling Plant. Monitoring for radiation, radon, uranium dusts, radium, and silicon are described. The records include analyses of breath, air, dust, filters, water, beryllium, urine, and fecal samples.

Data Elements: 39, 75, 77, 102-103, 107, 122-124

Employee Information Reports, 1978-1979

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.12 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: SS-1-4

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of computer-generated reports pertaining to Mound Laboratory employees. Included are a list of deceased terminated employees; an H.P. [Health Physics] list with employee name, social security number, dates of hire and termination, and birthdate; and a list of plutonium body and lung burdens for active and inactive employees.

Data Elements: 7, 8, 17, 24-25, 69

Employee Roster, 1974-1976

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.18 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: BC-9-6

Medium: Paper

Scanning Suitability: Series contains poor-quality paper and handwritten notes.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Mound Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains computer-generated reports pertaining to Mound Laboratory employees. Employee information in the reports includes name, social security number, date of birth, sex, and race. The series also contains correspondence created by the Mound personnel office.

Data Elements: 7, 8, 17, 20, 21

Goodyear Atomic Corporation Employee Roster, 1980

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.06 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-9-6

Medium: Paper

Scanning Suitability: Series consists of computer-generated reports.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Goodyear Atomic Corporation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of computer-generated rosters of deceased and terminated Goodyear Atomic Corporation employees working at the Mound Laboratory. Employee information consists of name; social security number; sex; race; dates of birth, hire, and termination; and current status.

Data Elements: 7-8, 17, 20-21, 24-25, 58

Air Monitoring Data, 1961-1968

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 1.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-20-4

Medium: Paper

Scanning Suitability: Series contains
handwritten notes.

Duplication: Unknown

Arrangement: Chronological

Originating Office: National Lead of Ohio

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains studies of personnel exposed to airborne radioactive dust in Plants 1, 6, 8, and 9 at National Lead of Ohio. The studies examine exposure levels for personnel in the laundry, technical laboratory, general maintenance, machining, inspection, and rolling mill areas.

For related records, see series listed under IV. Analysis Files, Fernald, and Raw Data Files, Fernald.

Data Elements: 124

Data Punch Cards, ca. 1967

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: FC-2-4

Medium: Paper

Scanning Suitability: Series contains punch cards.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities; National Lead of Ohio

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of punch cards used for the Atomic Energy Commission Health and Mortality Study. Job titles are printed on the cards, but other information cannot be ascertained.

Data Elements: 28

Employee Analysis Reports, ca. 1980-1982

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 6 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-4-2, BC-5-1 to BC-5-4

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Unknown

Arrangement: None

Originating Office: National Lead of Ohio

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of various computer-generated reports which correlate employee disease histories to their work histories, smoking habits, chemical exposures, and film badge readings.

For related records, see series listed under IV. **Analysis Files, Fernald and Raw Data Files, Fernald.**

Data Elements: 7-8, 17, 20-21, 24-25, 28, 31, 36, 54, 58-59, 75

Employee Rosters, February 24, 1978, undated

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.8 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-5-2, FC-2-1, FC-2-2, FC-2-5

Medium: Paper

Scanning Suitability: Series contains oversized computer-generated reports.

Duplication: Unknown

Arrangement: Varies; alphabetical by name or numerical by badge number

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of several computer-generated rosters containing information on National Lead of Ohio employees. Some rosters are arranged alphabetically by name and include employee social security number, race, sex, and names of relatives. Other rosters are arranged by badge number and include name (for female employees, both maiden and married names), social security number, and date of birth.

For related records, see series listed under IV. **Analysis Files, Fernald.**

Data Elements: 7-9, 16-18, 20-21

Facility Status Summary Reports, 1982

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.1 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-5-3

Medium: Paper

Scanning Suitability: Series contains over-sized computer-generated reports.

Duplication: Unknown

Arrangement: Alphabetical by facility

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of several computer-generated reports listing facility identification numbers and employees. The reports contain employee social security number; sex; race; dates of birth, hire, and termination; department; and radiation exposure level. White males are listed in a separate report. Reports submitted to the Social Security Administration for information about the vital status of former workers are also included.

For related records, see series listed under IV. Analysis Files, Fernald and Raw Data Files, Fernald.

Data Elements: 7-8, 17, 20-21, 24-25, 31, 38, 53-54, 62

Film Badge Records, ca. 1950s-1989

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 3 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-6-4, BC-6-5

Medium: Paper

Scanning Suitability: Series contains photocopies.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Bioassay Laboratory Department, Health and Safety Division, National Lead of Ohio

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: These film badge radiation exposure records provide employee name, social security number, film badge number, and date of birth. Annual and cumulative radiation dosage information is recorded in rems and rads. Extremity doses (i.e., doses to hands and forearms) are recorded in rems.

For related records, see series listed under IV. Analysis Files, Fernald and Raw Data Files, Fernald.

Data Elements: 7-8, 16-17, 62

Health and Mortality Study Records, 1962-1978

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 0.5 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: FC-2-2

Medium: Paper

Scanning Suitability: Series contains
papers of various sizes and different fonts.

Duplication: Unknown

Arrangement: Numerical by folder number

Originating Office: Oak Ridge Associated Universities; National Lead of Ohio

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series includes research documentation on National Lead of Ohio employees and consists of correspondence, reports, operation and medical manuals, job titles associated with radiation exposure risk classifications, urinalysis and film badge results, and data control sheets. The records summarize the information gathering procedures for the study.

For related records, see series listed under IV. **Analysis Files, Fernald.**

Data Elements: 1, 5

Healthy Worker Study Records, ca. 1983-1984

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 4 cu. ft.

Accession or Other ID Number: 10048

Condition: Good

Container Number: SS-12-4

Medium: Paper

Scanning Suitability: Series contains handwritten notes and computer-generated reports.

Duplication: Unknown

Arrangement: Varies; alphabetical by name or numerical by badge number

Originating Office: Oak Ridge Associated Universities; National Lead of Ohio

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains information retrieval and abstract forms and computer-generated reports for National Lead of Ohio employees. The information retrieval forms indicate employee name, identification number, social security number, date of birth, Social Security Administration status, employment status (terminated, rehired, nonstart, and associated dates), pre-employment physical examination data, date and cause of death, hire and termination dates, and work location. Abstracting forms include employee smoking history, lung function, physical status, social security number, identification number, and hire and termination dates. Computer-generated reports list the employee name, identification and social security numbers, date of birth, sex, and race.

For related records, see IV. Analysis Files, Fernald.

Data Elements: 7-8, 16-17, 20-21, 24-26, 31, 35-36, 54-55, 58

Medical Insurance Claims, 1952-1957

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 9.25 cu. ft.

Accession or Other ID Number: 10014

Condition: Fair to poor; some records on SS-4-1 are water damaged.

Container Number: SS-4-1 to SS-4-4

Medium: Paper

Scanning Suitability: Series contains onionskin paper; dark, reversed photocopies; and colored paper.

Duplication: Unknown

Arrangement: Chronological by year, thereafter alphabetical by name

Originating Office: Benefits Department, Personnel and Industrial Relations Division, National Lead of Ohio

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of National Lead of Ohio employee medical insurance claims and supporting correspondence. The records provide employee name, address, age, sex, marital status, date of birth, employment status, and dependents; date and nature of accident; and the name of the employee's supervisor. The series also includes return to work authorizations and workmen's compensation claims.

For related records, see series listed under IV. Analysis Files, Fernald.

Data Elements: 8, 11-12, 17, 20, 23, 35, 38, 40-41, 51

Minority Group Work History Grids, ca. 1991

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.75 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-11-2

Medium: Paper

Scanning Suitability: Series contains handwritten records.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Center for Epidemiologic Research

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of personnel grids for National Lead of Ohio minority employees. Information, derived from personnel and Social Security Administration records, includes employee name, badge and social security numbers, sex, date of birth, address, marital status, educational level, job title, employment status, work history and location, and reason for termination.

For related records, see series listed under IV. **Analysis Files, Fernald.**

Data Elements: 7-8, 16, 20, 22-23, 26-28, 58

Personnel Records, ca. 1957-1980

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 2.25 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: BC-22-1

Medium: Paper

Scanning Suitability: Series contains photocopies.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: National Lead of Ohio

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of photocopies of personnel records for terminated and active employees. Employee information includes name, address, social security number, date of birth, sex, marital status, height, weight, employment history, hire date, job title, reason for termination, and educational level.

For related records, see series listed under IV. Analysis Files, Fernald.

Data Elements: 7-8, 17, 20, 22-26, 28

Statistical Analysis System (SAS) Employee Roster, 1980

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.18 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: FC-2-1

Medium: Paper

Scanning Suitability: Series consists of an oversized computer-generated roster.

Duplication: Unknown

Arrangement: Numerical by social security number

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains a computer-generated roster of National Lead of Ohio employees which was produced by the Statistical Analysis System at Oak Ridge Associated Universities. The list provides employee name and social security number.

For related records, see series listed under IV. Analysis Files, Fernald.

Data Elements: 7-8

Baneberry Test Records, ca. 1970-1979

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.18 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: SS-1-4

Medium: Paper

Scanning Suitability: Series contains computer-generated reports and one bound volume.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains correspondence, computer-generated rosters, and reports relating to the Baneberry underground test and subsequent lawsuits. The correspondence pertains to employees exposed to radiation during the Baneberry test who developed myeloid leukemia. Also included are copies of computer-generated mortality statistics, results of a 1970 dosimetry records search, a bound report titled *Baneberry Phase IIa Report*, a Social Security search list, and an employee roster.

Data Elements: 6

Employee Histories, 1963-1984

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Next to SS-10

Medium: Paper

Scanning Suitability: Series contains thermal facsimile paper.

Duplication: Unknown

Arrangement: None

Originating Office: Reynolds Electrical and Engineering Company

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains employee radiation exposure histories, cards, payroll and personnel inquiries, and lists for the Reynolds Electrical and Engineering Company at the Nevada Test Site. The exposure histories indicate employee name, work location, and social security number; whether the employee was exposed to radiation; film badge readings; and dates of film badge readings. The employee cards provide employee name, social security number, job classification code, job titles, rate of pay, and hire and termination dates. The payroll and personnel inquiries provide access number and employee name, social security number, job title, hire date, telephone number, sex, race, and address. The cards also include the address of, and the employee's exact relationship to, next of kin. Employee lists provide employee facility and social security numbers, work history, sex, race, date of birth, vital status, and date of death.

Data Elements: 7-8, 11-12, 118, 20-21, 23-25, 27-28, 30-31, 54-58, 62, 97

Wackenhut Security, Inc. (WSI), Employee List, 1979

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Record is unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-5-6

Medium: Paper

Scanning Suitability: Series contains a computer-generated report.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Reynolds Electrical and Engineering Company

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains a computer-generated roster of Wackenhut Security, Inc., employees. The roster includes employee name, social security and clearance numbers, and birthdate.

Data Elements: 7-8, 16-17

Construction Files, ca. 1950-1956

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: 10052, 10053, 10055

Condition: Fair

Container Number: SS-16-1

Medium: Paper
and photographs

Scanning Suitability: Series contains
oversized drawings, photographs, and
handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: New York Operations Office

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of documents pertaining to the construction of the Brookhaven National Laboratory and the Lake Ontario Ordnance Works. Records include construction files, specifications, drawings, photographs, purchase orders, shipping and receiving reports, and monthly progress reports. The series also includes files of contracts with the Harshaw Chemical Company and information concerning the history of the Health and Safety Laboratory at Brookhaven.

Data Elements: 88, 117, 120

Contract Files, ca. 1956-1968

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: 10054

Condition: Fair

Container Number: SS-16-1

Medium: Paper

Scanning Suitability: Series contains
handwritten notes.

Duplication: Unknown

Arrangement: By contract

Originating Office: New York Operations Office

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of administrative files concerning the New York Operations Office and various contractors, such as the Washington Hospital Center, Wellesley College, and the Vitro Corporation of America. The files include contract information, project proposals, budget costs, supporting correspondence, patents, studies, and final reports.

Data Elements: 89

Film Badge Reports, ca. 1947-1956

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 12.75 cu. ft.

Accession or Other ID Number: 10033, 10034, 10044, 10049, 10051

Condition: Fair

Container Number: SS-5-1, SS-4-6, SS-12-5, SS-12-6, between SS-27 and SS-30

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: Varies; alphabetical by institution, thereafter chronological or by facility, thereafter numerical by badge number

Originating Office: Health and Safety Laboratory, Radiation Branch, New York Operations Office

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of weekly film badge reports and summaries for employees from various New York manufacturing companies; research, medical, and academic institutions; and laboratories. The series also includes reports for Rocky Flats, Hanford, and Los Alamos employees. Information in these reports includes employee badge number, last name, and social security number; readings for beta, gamma, and total exposure; and initial film density for beta, gamma, and total exposure. Film density and exposure data are not given for all individuals.

Data Elements: 7-8, 16, 28, 59, 62, 93, 98

Department Code Reports, ca. 1980

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 0.12 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: SS-1-4

Medium: Paper

Scanning Suitability: Series consists of
computer-generated reports.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains computer-generated reports documenting department codes used for Oak Ridge Reservation facilities. The series includes the following reports: *Y-12 Prior to 5/47; UCC-ND [Union Carbide Corporation-Nuclear Division] Prior to '49; UCC 1944-49 - OR inc. Y-12 and X-10; UCC(ND)-OR-7/49 to date, Master - All Years - All Plants; and Oak Ridge Dept. Code Documentation -All Plants/Years 1943-1964.*

Data Elements: None

Dosimetry Assessment Group Meeting Minutes, 1975-1982

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 0.2 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-19-2

Medium: Paper

Scanning Suitability: Series contains
handwritten forms and faded documents.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of minutes from meetings of the Dosimetry Assessment Group. The minutes address the Five Rem Study Protocol, X-10 and Y-12 plants external radiation monitoring characteristics, summary information for establishing a minimum detectable dose for the X-10 plant, development and operation of personnel radiation monitoring devices, general Health and Mortality Studies information, general characteristics of Oak Ridge National Laboratory (ORNL) beryllium and mercury workers, whole body counts and bioassay results of ORNL employees, the X-10 bioassay computer file, and general characteristics of the Oak Ridge Chemical worker cohort.

For related records, see series listed under IV. Analysis Files, Five Rem Study.

Data Elements: None

Employee Roster, 1975

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Record is unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.37 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: BC-4-3

Medium: Paper

Scanning Suitability: Series consists of a faded computer-generated report.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Oak Ridge Operations

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of a computer-generated report which lists all Oak Ridge employees in the X-10, Y-12, and K-25 Plants between 1942 and 1975. Created by Oak Ridge Operations, the report provides employee names, social security numbers, dates of birth, sex, and race.

Data Elements: 7-8, 17, 20-21

Personnel Clearance Master Cards, ca. 1950s-1980s

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 139 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: LF-4, LF-7, LF-10, LF-13, SS-9-3 to SS-9-6, SS-10-2 to SS-10-6, SS-11-6, SS-13-3 to SS-13-6, SS-14-3 to SS-14-6, SS-15-3 to SS-15-6, SS-16-3 to SS-16-6

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Oak Ridge Operations

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains cards that furnish personal information for security clearances of Oak Ridge employees. Cards provide employee name, file number, birthdate, birthplace, social security number, and job classification; name of office requesting clearance; type of clearance requested; dates that a clearance request was received and processed; date and reason a clearance was terminated; and date of headquarters notification.

Data Elements: 7-8, 17-18, 25-26, 28

Applied Health Physics Quarterly Reports, 1961-1964

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 0.12 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: SS-3-5

Medium: Paper

Scanning Suitability: Series includes
mathematical tables.

Duplication: Unknown

Arrangement: Chronological

Originating Office: Oak Ridge National Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains Oak Ridge National Laboratory Applied Health Physics Quarterly Reports. The reports provide summary information on personnel and environmental radiation monitoring. Some of the information in the reports is presented in mathematical tables.

Data Elements: 81, 103

Database Index, 1974

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Record is unclassified;
ORISE is an access-restricted facility.

Volume: 0.18 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: SS-3-4

Medium: Paper

Scanning Suitability: Series consists of
a computer-generated report.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge National Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This computer-generated report contains information from databases available through the Oak Ridge Health Physics Information System. The report gives an alphabetical listing of databases and the supervisors and divisions responsible for them. Descriptive entries for each database follow and include title, division, supervisor, address, and database types.

Data Elements: None

Employee Dose Reports, ca. 1974

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 2.5 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: SS-3-3, SS-3-5

Medium: Paper

Scanning Suitability: Series contains oversized computer-generated reports.

Duplication: Unknown

Arrangement: Varies; mostly alphabetical by name; one list is numerical by badge number.

Originating Office: Oak Ridge National Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains computer-generated reports which document whole body doses received by Oak Ridge National Laboratory personnel. Data include employee identification and social security numbers, start and termination dates, years monitored, and annual and cumulative doses (in millirem). One report is in a binder marked *Dose Data Numerical Listing*; another report gives only employee names and badge numbers.

For related records, see IV. Analysis Files, Oak Ridge, X-10 Facility, Exposure Data and Raw Data Files, Oak Ridge, X-10 Facility, Whole Body Count Data, ca. 1962-1991.

Data Elements: 7-8, 16, 24-25, 62

Employee Lists, ca. 1943-1960

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: SS-1-5, SS-3-4

Medium: Paper

Scanning Suitability: Series contains oversized computer-generated reports.

Duplication: Unknown

Arrangement: Varies; alphabetical by name or numerical by badge number

Originating Office: Oak Ridge National Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of computer-generated lists of Oak Ridge National Laboratory employees. Information includes employee names, start and termination dates, facilities, and badge numbers.

Data Elements: 8, 16, 24-25, 31

External Radiation Dose Summary Worksheets, ca. 1965-1966

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1.75 cu. ft.

Accession or Other ID Number: None

Condition: Good to fair

Container Number: SS-3-3

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: Numerical

Originating Office: Oak Ridge National Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of worksheets used to summarize external radiation doses for employees at the Oak Ridge National Laboratory since 1943. Data include worker last name, first initials, and badge number; yearly doses in millirem; and monitoring dates.

For related records, see IV. Analysis Files, Oak Ridge, X-10 Facility, Exposure Data and Raw Data Files, Oak Ridge, X-10 Facility, Whole Body Count Data, ca. 1962-1991.

Data Elements: 8, 16, 62

Film Badge Reports (Du Pont Employees), ca. 1972

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.18 cu. ft.

Accession or Other ID Number: None

Condition: Good to fair

Container Number: SS-3-4

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Oak Ridge National Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains computer-generated film badge data for Du Pont workers at the Clinton Laboratory prior to 1949. In addition to film badge results, the reports generally provide employee name, badge number, and hire and termination dates.

For related records, see IV. Analysis Files, Oak Ridge, X-10 Facility, Exposure Data and Raw Data Files, Oak Ridge, X-10 Facility, Film Badge Data, 1943-1991.

Data Elements: 8, 16, 24-25

Film Badge Reports (ORNL Employees), 1967

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 4 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: SS-1-5, SS-3-5

Medium: Paper

Scanning Suitability: Series contains handwritten forms.

Duplication: Unknown

Arrangement: Numerical by badge number

Originating Office: Oak Ridge National Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains film badge exposure data for Oak Ridge National Laboratory employees. Employee information includes badge number, name, start and termination dates, and annual external radiation doses in millirems. The forms indicate that this information pertains to employees from 1943-1946.

For related records, see IV. Analysis Files, Oak Ridge, X-10 Facility, Exposure Data and Raw Data Files, Oak Ridge, X-10 Facility.

Data Elements: 8, 16, 24-25, 62

Film Stability Survey Data, 1967

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.12 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: SS-3-4

Medium: Paper

Scanning Suitability: Series contains handwritten notes, graphs, and tables.

Duplication: Unknown

Arrangement: Numerical by sheet number

Originating Office: Oak Ridge National Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains film stability survey worksheets for calibration and monitoring film. Beta and gamma readings are divided into sensitive and insensitive, and are recorded as OW [open window] and S [shield]. Worksheets include employee names and identification numbers. A notation on the outside of the envelope indicates that these sheets represent a comparison between films at Oak Ridge National Laboratory and those stored in Atlanta, Georgia.

Data Elements: 8, 16, 114

Survey Books, ca. 1950-1965

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 3.25 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: SS-1-5, SS-3-4, SS-3-5

Medium: Paper

Scanning Suitability: Series contains oversized computer-generated reports.

Duplication: Unknown

Arrangement: Numerical by building/facility number, thereafter alphabetical by name

Originating Office: Oak Ridge National Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains computer-generated reports, labeled *Survey Books*, containing information about exposure incidents culled from logs. Information includes log number, page, and date of entry; time and location of event; employee name and badge number; building and employee contamination data; and external exposure levels of at least 300 milliroentgens.

For related records, see IV. Analysis Files, Oak Ridge, X-10 Facility Exposure Data and Raw Data Files, Oak Ridge, X-10 Facility.

Data Elements: 8, 16, 31, 62, 65, 122

Terminated Contractor Employee Cards, 1950-1955

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 2.88 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: CC-9

Medium: Paper

Scanning Suitability: Series consists of handwritten cards.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Oak Ridge National Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series includes index cards pertaining to employees at Oak Ridge National Laboratory from 1950 to 1955. Information on the cards includes employee name, address, badge number, job title, social security number, hire date, clearance level, termination date and reason, and pay rate. The records also indicate the dates on which an employee security clearance was requested and granted.

Data Elements: 7-8, 11, 16-17, 20, 24-28, 34

Unusual Activities and Occurrences Reports, ca. 1948-1969

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 0.15 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: SS-3-5

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: Chronological

Originating Office: Oak Ridge National Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: These reports contain information about unusual accidents or occurrences at the Oak Ridge National Laboratory from 1948 to 1969. The reports document the nature of each incident, resulting employee exposure levels, and steps taken to rectify the situation. Reports from 1948-1958 are on a standard form, while later reports contain a narrative description of incidents. The records are contained in binders labeled *Health and Mortality Study File*.

For related records, see IV. Analysis Files, Oak Ridge, X-10 Facility, Exposure Data and Raw Data Files, Oak Ridge, X-10 Facility.

Data Elements: 122

Unusual Occurrences Report, 1948-1973

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Report is unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.15 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: SS-3-4

Medium: Paper

Scanning Suitability: Series consists of a computer-generated report.

Duplication: Unknown

Arrangement: Chronological

Originating Office: Oak Ridge National Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of a report, titled *Validation of ORNL Incidents/Unusual Occurrences (AEC-HMS)* and numbered R096, which records incidents and unusual occurrences at Oak Ridge National Laboratory between 1948 and 1973. This report identifies the area/facility in which the accident occurred; the date, time, and duration; types of radiation that resulted; and the badge numbers and names of employees involved. The report also provides a brief description of the accident and contamination data.

For related records, see IV. Analysis Files, Oak Ridge, X-10 Facility, Exposure Data and series listed under Raw Data Files, Oak Ridge, X-10 Facility.

Data Elements: 8, 16, 122

Work Assignment Survey Sheets, 1943-1968

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 0.015 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: SS-3-5

Medium: Paper

Scanning Suitability: Series contains poor-quality copies, maps, and charts.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge National Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of work assignment survey sheets for the Atomic Energy Commission Health and Mortality Study. Sheets provide information for Oak Ridge National Laboratory (ORNL) employees who were most likely to receive exposure to radiation. Employees listed were from waste treatment, the 2000 through 7000 areas, and the Y-12 site. Also included are an ORNL building chart, a map, and an organizational chart for Health Physics, dated 1968.

Data Elements: 88

Fercleve Corporation Accident Reports, ca. 1944-1946

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: SS-13-2

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Fercleve Corporation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of accident and injury reports for the Fercleve Corporation. Information includes employee name, social security number, address, sex, race, citizenship, ability to speak English, age, occupation, date of hire, and insurance claim information; location, cause, and date of injury; name of foreman reporting the injury; medical treatment provided; and resulting disability. Series also includes dispensary reports with employee name, badge number, and department; name of foreman; and description of injury. The series also contains information on the destruction of classified radiation reports by the Medical and Laboratory Section of the Carbide and Carbon Chemical Corporation, and industrial health reports, which indicate employee name, badge number, occupation, absentee record, physical appearance, general health, height, weight, and marital status.

Data Elements: 7-8, 11, 16-17, 20-21, 23-24, 28, 31, 35, 38

Fercleve Corporation Data Control Sheets, 1969

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 2 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: FC-1-4

Medium: Paper

Scanning Suitability: Series contains oversized handwritten notes.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of data control sheets of information abstracted from the medical files of the Fercleve Corporation, files at the Oak Ridge Operations Records Holding Center, compensation case reports, first aid files, and surgeon general reports. The data control sheets provide employee name, birthdate, birthplace, social security number, and work history.

Data Elements: 7-8, 16-18, 20-21, 24-25, 28

Fercleve Corporation Medical Records, ca. 1944-1945

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 4 cu. ft.

Accession or Other ID Number: 10038

Condition: Good

Container Number: SS-13-1, SS-13-2

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Fercleve Corporation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains medical reports for Fercleve Corporation employees, which provide employee names, social security and badge numbers, service codes, report dates and times, addresses, occupations, ages, marital status, foremen's names, departments, dates and times of injury, dates and times of illnesses, medical and accident histories, diagnosis and treatment data, and descriptions of disabilities. Each accident has a separate sheet, which contains claim information and the employer's first report of injury.

Data Elements: 7-8, 11, 16-17, 23, 28, 31, 38, 47

Houdaille-Hershey Corporation First Aid Files, ca. 1944-1945

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 19 cu. ft.

Accession or Other ID Number: 10037

Condition: Fair

Container Number: SS-9-1, SS-9-2, SS-10-1, SS-10-2, SS-11-1, SS-11-2

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: Numerical by badge number

Originating Office: Houdaille-Hershey Corporation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains first aid files for Houdaille-Hershey Corporation employees working at the Oak Ridge Reservation. The files contain general background information, return to work authorizations, and injury and treatment records. These records provide employee name, age, marital status, birthdate, sex, race, department, occupation, number of children under 16, and badge number; a record of treatments; dates and reports of injury; name of superintendent on duty when an injury or accident occurred; and a description of the accident and injury. Records also include employee medical histories and results from bioassays, X-rays, and vision tests.

Data Elements: 8, 16-17, 20-21, 23, 28, 31, 35, 38, 41-42, 45, 47

**Houdaille-Hershey Corporation Medical Examination and Accident Reports,
ca. 1944-1945**

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 22 cu. ft.

Accession or Other ID Number: 10040, 10046

Condition: Good to fair

Container Number: SS-1-1, SS-1-2, SS-11-3
to SS-11-6, SS-12-1 to SS-12-3

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Houdaille-Hershey Corporation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of medical examination and accident reports. Information in these reports includes employee name, address, birthdate, marital status, number of children, sex, occupational and medical history, visual safety test results, and results of physical examinations. The series also contains *Report of Doctor Case Accident to an Employee* forms, insurance claim reports, correspondence from doctors with summaries of examinations and treatments, medical bills, and surgeons' reports. Also included are *Introduction to Medical Department* forms, which supervisors completed to permit individual employees to see a doctor in the Oak Ridge Medical Department. Information includes employee occupation, hours worked per day and week, shift, salary, marital status, and number of children under 16; cause of accident; injury diagnosis, treatment, and cost; and estimated loss of work time and extent of injury resulting from the accident.

Data Elements: 8, 11, 16-17, 20-21, 23, 28, 35, 38, 40, 42, 47, 51

Maxon Construction Company Active and Terminated Employee Cards, ca. 1950-1952

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 3 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: CC-10

Medium: Paper

Scanning Suitability: Series consists of index cards.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Oak Ridge Reservation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains cards for active and terminated employees working at Oak Ridge for the Maxon Construction Company and its subcontractors. These cards contain employee name; address; badge number; position; clearance level; social security number; and dates of birth, hire, termination, and re-hire.

Data Elements: 7-8, 11, 16-17, 24-25, 26

Rust Engineering Work History Abstract Forms, ca. 1980s

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: 10353

Condition: Good

Container Number: SS-18-2

Medium: Paper

Scanning Suitability: Series contains handwritten forms.

Duplication: Unknown

Arrangement: Numerical by group number

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of work history abstract forms for Rust Engineering employees at the Y-12 Plant at Oak Ridge. Employee information includes social security number, name, badge number, sex, date of birth, job title, hire or job change date, and termination date. Also noted is the date the information was entered into the database.

Data Elements: 7-8, 16-17, 20, 24-25, 28

Stone and Webster Engineering Corporation Compensation Claim Reports, 1945

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.03 cu. ft.

Accession or Other ID Number: 10011

Condition: Fair

Container Number: SS-3-2

Medium: Paper

Scanning Suitability: Series contains carbon copies.

Duplication: Unknown

Arrangement: Numerical by claim number

Originating Office: Stone and Webster Engineering Corporation; Royal Indemnity Company

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of individual and summary reports of compensation claims sent to the Royal Indemnity Company from Stone and Webster Engineering Corporation, an Oak Ridge architectural and engineering contractor. The *Summary Reports* provide data concerning workmen's compensation, automotive, and general liability claims. The *Individual Reports* provide the name of the insured; beneficiary name and relationship to insured; and descriptions of the accident and resulting injury. Amounts of compensation granted to beneficiaries are provided for deaths resulting from accidents.

Data Elements: 8, 12, 23, 38, 51, 57

Blood-Urine Test Records, 1945-1946

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 3.5 cu. ft.

Accession or Other ID Number: 10060

Condition: Fair

Container Number: SS-17-4, SS-17-5

Medium: Paper

Scanning Suitability: Series contains handwritten notes and colored paper.

Duplication: Unknown

Arrangement: Loosely alphabetical by name

Originating Office: Tennessee Eastman Corporation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of standard forms which document urinalyses and blood tests of employees from the Tennessee Eastman Corporation. The forms include employee name and age, the department that requested the test, and the test date.

Data Elements: 8

Compensation Claim Reports, 1945-1946

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.09 cu. ft.

Accession or Other ID Number: 10011

Condition: Fair

Container Number: SS-3-2

Medium: Paper

Scanning Suitability: Series contains carbon copies.

Duplication: Unknown

Arrangement: Numerical by accident number

Originating Office: Carbide and Carbon Chemical Corporation; Aetna Casualty & Surety Company

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains reports of compensation claims for Tennessee Eastman Corporation employees filed with the Aetna Casualty and Surety Company. Records document temporary and permanent disability claims relating to injuries incurred on the job and in automobile accidents. The documents consist of *Summary Statements* and *Individual Reports*.

The *Summary Statements* categorize claims as either serious/nonserious, open/closed, indemnity amount, medical, losses, or allocated expenses. Reports attached to the statements list individual accident numbers and dates, names of injured parties, causes and nature of injuries, and medical or other expenses.

The *Individual Reports* list claim and policy numbers; carrier name; accident date; claimant name, average weekly wage, weekly compensation, and estimated disability; paid and outstanding medical indemnity expenses; allocated expenses incurred; and total loss and allocated expenses. Also included are an accident report, description of injuries, and categorization of disability as total or partial and as temporary or permanent.

For related records, see I. Oak Ridge Reservation, Subcontractors, Stone and Webster Engineering Corporation Oak Ridge Compensation Claim Reports, 1945.

Data Elements: 8, 38, 51, 54, 57

Correspondence, ca. 1945-1947

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 0.06 cu. ft.

Accession or Other ID Number: 10011

Condition: Fair

Container Number: SS-3-2

Medium: Paper

Scanning Suitability: Series contains colored
and onionskin paper.

Duplication: Unknown

Arrangement: None

Originating Office: Tennessee Eastman Corporation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of correspondence relating to job category classification, building indexes, floor plans, monitoring program changes, industrial hygiene programs, ventilation surveys, and other safety related programs. These records were collected by an Oak Ridge Associated Universities epidemiologist who was studying worker health at the Y-12 Plant.

Data Elements: 6, 81, 89, 117

Financial Records, ca. 1943-1947.

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Box next to SS-40

Medium: Paper

Scanning Suitability: Series contains colored carbon copies.

Duplication: Unknown

Arrangement: None

Originating Office: Tennessee Eastman Corporation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists mostly of the financial records of the Tennessee Eastman Corporation, Clinton Engineer Works Division. Financial records include purchase orders and requisitions, receiving reports, shipping and shop orders, and work requisitions for supplies, laboratory and X-ray equipment. The series also contains departmental exposure and accident records, which include employee names and identification numbers, accident descriptions, and return-to-work dates.

Data Elements: 8, 16, 38, 41

History of Clinton Engineer Works, 1944-1947

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 3.75 cu. ft.

Accession or Other ID Number: None

Condition: Fair to poor;
series contains poor-
quality photographs.

Container Number: BC-20-5, BC-21-2,
BC-21-4

Medium: Paper
and photographs

Scanning Suitability: Series contains poor-
quality copies and photographs.

Duplication: Unknown

Arrangement: Chronological

Originating Office: Tennessee Eastman Corporation, Clinton Engineer Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of a 28-volume history of the Clinton Engineer Works produced in monthly, quarterly, and annual installments by the Tennessee Eastman Corporation. The history documents the construction of the Y-12 Plant and the initiation of operations pertaining to the electromagnetic separation of uranium.

Data Elements: 2

Injury Reports, 1944-1945

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.03 cu. ft.

Accession or Other ID Number: 10011

Condition: Good

Container Number: SS-3-2

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Tennessee Eastman Corporation

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series contains documents titled *Standard Form for Surgeon's Report*, which were used by physicians of Tennessee Eastman Corporation to record and describe on-the-job injuries. The forms identify patients' names, ages, sex, and addresses; dates and times of accidents; and beginning dates of disabilities. The records also provide brief descriptions of accidents and injuries, explanations of treatment given and prescribed, estimates of the length and severity of disabilities, and physicians' remarks and signatures.

Data Elements: 8, 11, 18, 20, 33, 35, 38, 40

Liquid Phase Reactor Pilot Plant Memoranda, ca. 1943-1945

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 0.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-20-3

Medium: Paper

Scanning Suitability: Series contains
handwritten forms.

Duplication: Unknown

Arrangement: None

Originating Office: Tennessee Eastman Corporation

Finding Aids: Unknown

Disposition Authority: Unscheduled

Series Description: This series contains memoranda regarding potential radiation exposure from a liquid phase reactor, the procurement of an incubator precision and water jacket, X-rays from the Liquid Phase Department, and Rochester Pilot Plant workers.

Data Elements:

Lost Time Accident Records, ca. 1944-1947

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 13 cu. ft.

Accession or Other ID Number: 10078, 10079

Condition: Good

Container Number: SS-25-3, SS-25-4, SS-26-3, SS-27-3, SS-28-3

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: Numerical by incident number

Originating Office: Tennessee Eastman Corporation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains various types of records pertaining to accidents among employees of the Tennessee Eastman Corporation at the Y-12 Plant. Included are correspondence regarding injured employees; claim information and adjustment memoranda; legal documents regarding residences or petitions; medical records pertaining to physical examinations conducted at time of hire and later; laboratory and return-to-work reports; *Safety Inspector General Reports*; *Reports of Occupational Injury*; surgeons' reports; and forms titled *Employer's First Report of Injury*, *Occupational Accident Reports*, *Closing Advice*, *CEW-TEC Department Safety Inspector's Report of Accident*, and *War Department Individual Injury Report*. These reports provide employee name; address; age; sex; badge, building, group, department, and telephone numbers; marital status; race; citizenship; occupation when injured; and length of employment. Also included are folders labeled *Special Accidents*. These folders contain documents of accidents with extenuating circumstances and containing extensive claim correspondence.

Data Elements: 8, 11, 16, 20-21, 23, 28, 31, 35, 38, 41-42, 51

Medical Advisor Memoranda and Reports, 1944-1947

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 5 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: SS-18-2, SS-18-3

Medium: Paper

Scanning Suitability: Series contains faded copies.

Duplication: Unknown

Arrangement: Varies; chronological and by department

Originating Office: Tennessee Eastman Corporation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series includes *Absentee Reports* of employees, which are arranged by department and contain date; employee name, badge number, sex, and shift; coded reason for absence; and the total employees absent and scheduled for work. The series also contains *Ambulance Runs*, which document ambulance calls and provide call date and time, building where the ambulance was needed, and the time the ambulance was back in service; *Badges and Pass Records (1945)*, which are arranged by department number and list employee name, payroll number, area, division, and superintendent; and *Medical Division Memos and Requests*, which consist of individual medical equipment transfer records. Other records in the series include medical and dental information for employees; monthly records and weekly reports of patient visits; correspondence and reports of the Oak Ridge Health Association, the Oak Ridge Medical Society, and the Oak Ridge Hospital (regarding the train wreck at Jellico, TN, in 1944); plans and drawings; purchase orders; absentee reports; medical rejections; opium and coca registers; department employee records with name, address, social security number, date of birth, citizenship, educational background, marital status, race, height, weight, selective service information, and employment history; invitations; personnel applications; bacteriologic reports; vendor catalogs and correspondence; a disaster plan; memoranda concerning drinking water; correspondence pertaining to employee terminations; merit ratings; narcotics files; supervisory training records; urinalysis summaries; badge requisitions forms; visitor permits; and *Correspondence Regarding Pre-Employment Medical Exams*.

Data Elements: 7-8, 11, 16-17, 20, 22-23, 30, 117

Medical Case Logs, 1943-1946

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 10 cu. ft.

Accession or Other ID Number: 10061, 10064

Condition: Fair to poor; series contains poor-quality copies.

Container Number: SS-17-1, SS-17-2, SS-19-3, SS-19-4

Medium: Paper

Scanning Suitability: Series contains blurry carbon copies, handwritten forms, and legal-sized paper.

Duplication: Unknown

Arrangement: Chronological by month

Originating Office: Tennessee Eastman Corporation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: These medical logs include the following information: initial, return, or final visit dates; name, badge number, department or building number, and job title of employee; supervisor's name; date of injury; description of injury or illness; disposition of case; lost time; and medical attendant's initials. One box contains accident report forms that provide accident date and time, employee name and badge number, insurance group number, date accident was reported, equipment damaged, nature of accident, and remarks. Also included are carbons of *Disposition of Case Reports*. The forms in this series include information on type of visit (whether initial, return or final); employee badge number, department or building number, job title, and supervisor; date and time of injury; description of injury or illness; disposition of the case; amount of time lost; and initials of attendant.

Data Elements: 8, 16, 28, 31, 38, 40

Medical Data Files, 1945

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.25 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: Box labeled Nick's Hazard Assessment Box next to CC-9

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains coded data forms and surgeons' reports for Tennessee Eastman Corporation workers. The surgeons' reports are standard forms containing information on physical examinations following accidents, treatments, and resulting disabilities. Computer-generated reports for males and females provide name, social security number, date of birth, sex, and race. The series also includes completed data coding sheets for the Lung Cancer Study.

Data Elements: 7-8, 17, 20-21, 35, 38

Medical Division Files, ca. 1943-1946

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 135 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: SS-29-1 to SS-29-3,
SS-30-1 to SS-30-3, SS-31-1 to SS-31-3,
SS-32-1 to SS-32-3, SS-33-1 to SS-33-6,
SS-34-1 to SS-34-6, SS-35-1 to SS-35-6,
SS-36-1 to SS-36-6, SS-37-1 to SS-37-6,
SS-38-1 to SS-38-6, SS-39-1 to SS-39-6,
SS-40-1 to SS-40-6

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Tennessee Eastman Corporation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains medical records of Tennessee Eastman Corporation employees. The documents consist of forms titled *History and Physical Examination*, *Serologic Test for Syphilis*, *History of Previous Illness*, *Termination Medical Interview*, and *Form for History and Physical Examination*. These forms provide a record of treatments performed by the medical department, including blood tests, urinalyses, radiographic examinations, and industrial exposure monitoring. The medical records also provide histories of diseases, smoking, alcohol consumption, accidents, injuries, sick leaves, and return-to-work clearances. Personal identifying information includes name, social security number, address, spouse's name, employee number, dates of birth and hire, sex, race, marital status, and job title.

Data Elements: 7-8, 11-12, 16-17, 20-21, 23-25, 28, 35-38, 40-42, 45, 47, 75

Medical Records, 1945-1947

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 3 cu. ft.

Accession or Other ID Number: 10063

Condition: Fair

Container Number: SS-18-4

Medium: Paper

Scanning Suitability: Series contains carbon copies, onionskin paper, and poor-quality print.

Duplication: Unknown

Arrangement: Varies; alphabetical by name or numerical by file code

Originating Office: Medical Division, Tennessee Eastman Corporation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of general and specific medical case files, chest X-ray results, and physical examination cards pertaining to Tennessee Eastman Corporation employees. Medical files contain the patient's name and date of visit. Examination cards provide the patient's name, badge number, department, date of examination, birthdate, sex, race, and dates of hire and termination; physician's remarks; and a psychiatric evaluation of the patient. Some medical case files pertain to occupational injuries.

Data Elements: 7-8, 16-17, 20-21, 31, 35, 38, 45

Personnel Records, ca. 1943-1965

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 109.75 cu. ft.

Accession or Other ID Number: 10009

Condition: Good to fair; one file on SS-3-2 is water damaged.

Container Number: CC-2 to CC-8, CC-11, boxes on top of CC-11; SS-3-2, SS-25-1 to SS-25-3, SS-26-1, SS-26-2, SS-27-1, SS-27-2, SS-28-1, SS-28-2, SS-29-4 to SS-29-6, SS-30-4 to SS-30-6, SS-31-4 to SS-31-6, SS-32-4 to SS-32-6

Medium: Paper

Scanning Suitability: Series contains index cards, colored and onionskin paper, and handwritten notes.

Duplication: Unknown

Arrangement: Varies; alphabetical by name or numerical by badge, file, or payroll number

Originating Office: Tennessee Eastman Corporation; Union Carbide Corporation; Manhattan Engineer District

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of personnel information for Tennessee Eastman Corporation and Manhattan Engineer District employees working at Oak Ridge. Most of the records were created between 1943 and 1947. There are three subseries:

Personnel Records, ca. 1943-1965 (continued)

Series Description (cont'd)

Tennessee Eastman Corporation Personnel Cards: These index cards include employee name, social security number, department number, rate of pay, job code, effective date, home address, emergency contact name, and remarks. Some of the cards note whether the employee was terminated.

Tennessee Eastman Corporation Personnel Files: This subseries consists of personnel files containing comprehensive information concerning individuals. Information includes employee name; social security number; sex; race; marital status; date of birth; selective service classification; dates of hire, status changes, and termination; security clearances; payroll number; job title; department; position code; requisition number; pay rate; rate change or transfer information; position when terminated; reason for termination; and occupation code number. Also included are performance evaluations; copies of time cards; medical, disability, and death claims; and W-4 forms. Stamps indicate that these files were identified for possible use in the Atomic Energy Commission Health and Mortality Study.

Manhattan Engineer District Personnel Cards: This subseries consists of index cards providing employee name, address, location, date and place of birth, citizenship, clearance status, and payroll number and rate.

Data Elements: 7-8, 11-12, 16-17, 20-28, 31, 33-35, 38, 51, 54-55

Radiation Exposure Records, 1945-1948

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: LF-5-2

Medium: Paper

Scanning Suitability: Series contains brittle paper and poor-quality photocopies.

Duplication: Reports that have ORNL numbers are in the ORNL central files.

Arrangement: None

Originating Office: Tennessee Eastman Corporation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: These records concern Tennessee Eastman Corporation's tenure as primary contractor at Oak Ridge National Laboratory (1943-46). Records include Manhattan Engineer District/Atomic Energy Commission correspondence; radiation exposure data for employees in the Y-12, X-10 and K-25 plants; and body fluid analyses.

For related records, see series listed under IV. Analysis Files, Oak Ridge, Y-12 Facility; Raw Data Files, Oak Ridge, K-25 Facility; Raw Data Files, Oak Ridge, X-10 Facility; and Raw Data Files, Oak Ridge, Y-12 Facility.

Data Elements: 8, 16, 68-69

Taxable Wages Report, 1945

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.2 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-19-1

Medium: Paper

Scanning Suitability: Series contains faded records.

Duplication: Unknown

Arrangement: Numerical by employee number

Originating Office: Tennessee Eastman Corporation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains a report of taxable wages paid to each employee of the Clinton Engineering Works Division of Tennessee Eastman Corporation as of December 31, 1945. The reports are numbered from one to 50,000 and include employee name, number, and total wages.

Data Elements: 7-8, 16

Unique Job Code Reports, 1982

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 0.18 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: BC-11-2

Medium: Paper

Scanning Suitability: Series contains
computer-generated reports.

Duplication: Unknown

Arrangement: Numerical by job code number

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of computer-generated reports containing unique job code/title combinations for Tennessee Eastman Corporation employees at the Y-12 plant. Information includes job code and title, employee hire and termination dates, the number of records matching that job code/title, and the statistical significance of this data.

Data Elements: 24-25, 28

Vision Test Reports, 1944-1945

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 9 cu. ft.

Accession or Other ID Number: 10059, 10069

Condition: Fair

Container Number: SS-17-2 to SS-17-4,
SS-19-4

Medium: Paper

Scanning Suitability: Series includes discolored forms and documents with rough edges.

Duplication: Unknown

Arrangement: Numerical by department number, thereafter alphabetical by name

Originating Office: Tennessee Eastman Corporation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains standard forms which document Bausch and Lomb occupational vision tests performed on Tennessee Eastman Corporation employees. Forms furnish employee name, badge and department numbers, job title, age, sex, and race; date of examination; and vision performance profile.

Data Elements: 8, 16, 20-21, 28, 31

Exposure Records, 1958-1962

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 2 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: SS-1-1, SS-1-3

Medium: Paper

Scanning Suitability: Series contains handwritten, colored index cards.

Duplication: Unknown

Arrangement: Numerical by run number

Originating Office: Y-12 Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of personal exposure information on Y-12 Plant employees titled *Y-12 In Vivo Radioactivity Measurement Run Card*. Cards furnish run number and date; employee name, age, job description, badge, and building number; surface contamination check readings; measurement position; detector number; run time; and calibration data. These records are on loan from the Federal Records Center in Atlanta, Georgia.

For related records, see IV. Analysis Files, Oak Ridge, Y-12 Facility, Exposure Data.

Data Elements: 8, 16, 28, 31, 34, 83, 85, 124

Industrial Hygiene Monitoring Records, 1975-1985

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 2.25 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: BC-2-1, BC-2-2

Medium: Paper

Scanning Suitability: Series contains photocopies.

Duplication: Unknown

Arrangement: Chronological

Originating Office: Union Carbide Corporation; Martin Marietta Energy Systems

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of 17 binders of records concerning the monitoring of chemical hazards at the Y-12 Plant. Data include building number and area; employee name, department, identification number, and job classification; sample type, method, duration, flow rate, and volume (in liters and micrograms); and calibration data. Results are given in milligrams per cubic meter. The series includes sampling smears from buildings within the Y-12 complex for chemical hazards such as polychlorinated biphenyls, trimethyl amine, beryllium, mercury, and asbestos. The smear reports provide sample type and results, calibration data, and the signature of the person who conducted the sample.

Data Elements: 8, 16, 28, 31, 77

Personnel Records Inventory, 1981

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.12 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-23-2

Medium: Paper

Scanning Suitability: Series consists of oversized computer-generated report.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Y-12 Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This inventory of personnel records includes employee name, badge and social security numbers, and job code and the record box number. No other documentation is included for this material.

Data Elements: 7-8, 16

Radiation Monitor Alarm and Operation Reports, 1946-1948

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 0.15 cu. ft.

Accession or Other ID Number: 10011

Condition: Fair

Container Number: SS-3-2

Medium: Paper

Scanning Suitability: Series contains dark
mimeographs.

Duplication: Unknown

Arrangement: Numerical by building number

Originating Office: Y-12 Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains forms which were filled out when the Monitor Alarm System was activated. The report identifies the monitor number, building, and room location; date and time the alarm sounded; names of employees responding to the alarm; meter index readings; radiation survey results; reason the alarm was activated (usually for a test evacuation); results of the film cassette development (if applicable); date and time the "all clear" sounded; and the name of the person preparing the form. The Department 185 (Beta Chemical) *Weekly Monitor Operation Reports* record daily readings for radiation monitors, and forms titled *L & W Meters* provide readings for meters that sounded alarms, note whether all sirens and lights came on as expected, and indicate the need for, and date of, repairs.

Data Elements: 124

Research Subject Files, ca. 1943-1981

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 0.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-19-1

Medium: Paper

Scanning Suitability: Series contains poor-quality photocopies.

Duplication: Unknown

Arrangement: None

Originating Office: Office of the Chief of Industrial Hygiene, Y-12 Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of research materials belonging to the former Chief of Industrial Hygiene at Y-12. Included are Union Carbide organizational charts for the Y-12 Plant; technical and engineering organizational charts; a computer-generated report of contaminants from the K-25 urinalysis file; minutes of Epidemiology Advisory Committee meetings; and progress reports for studies relating to occupational exposures. This series also includes information documenting chemical hazards at the Y-12 Plant from 1943 to 1947, notes concerning welders at Y-12 and K-25, and publications concerning lung radiation doses received by uranium-processing workers and mortality among welders. Mortality studies of workers exposed to metallic nickel and nickel oxides also comprise a part of this series, as does a list of report titles concerning occupational exposure.

For related records, see series listed under IV. Analysis Files, Oak Ridge, Y-12 Facility and Analysis Files, Uranium Dust Lung Cancer Study Exposure Data: Oak Ridge, Y-12 Facility, 1948-1982.

Data Elements: 1, 88, 122

Urinalysis Sample Cards, ca. 1950-1970

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 6 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: BC-9, BC-10

Medium: Paper

Scanning Suitability: Series contains poor-quality photocopies and handwritten notes.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Y-12 Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains copies of sample urinalysis cards from the Y-12 Plant. The information on the cards includes employee name and work area, date of sample, bottle number, and testing results for uranium and mercury (given in milligrams per liter).

For related records, see series listed under IV. Analysis Files, Oak Ridge, Y-12 Facility and Raw Data Files, Oak Ridge, Y-12 Facility.

Data Elements: 8, 31, 68

Employee Roster, 1981

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.06 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Series contains handwritten notes on computer-generated reports.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Paducah Gaseous Diffusion Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains a computer-generated report of active and terminated employees at the Paducah Gaseous Diffusion Plant. Information includes employee names, old and new badge numbers, social security numbers, and termination dates.

Data Elements: 7-8, 16, 25

Urine Sample Cards, 1951-1977

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1 microfilm cartridge

Accession or Other ID Number: None

Condition: Good

Container Number: Reel 1

Medium: Microfilm

Scanning Suitability: Series consists of microfilm.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Paducah Gaseous Diffusion Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of microfilm copies of urine sample cards for employees at the Paducah Gaseous Diffusion Plant. Name and bioassay results are included. Although the label indicates that two reels of film were created, Reel 2 is not stored with Reel 1, nor is any indication given as to its location.

Data Elements: 8, 42, 68

Reference Records, 1992

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access restricted facility.

Volume: 0.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Series contains photocopies and handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: Pinellas Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains reports, forms, and correspondence pertaining to Pinellas Plant employees. Included are computer-generated rosters of active and terminated employees, which provide name, social security number, date of birth, Department of Energy number, clearance level, and telephone extension. Also included are status of clearance (active or inactive), process date of clearance, date that clearance was granted, and clearance badge number. Photocopies of medical examination forms, personnel radiation monitoring forms, urinalysis and dosimetry data sheets, current medical records, and questionnaires documenting employees' smoking habits are also included.

Data Elements: 7-8, 11, 16-17

Employee Cards, ca. 1980

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1.87 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: FC-26-4

Medium: Paper

Scanning Suitability: Series contains punch cards.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of computer punch cards containing information on the Rocky Flats employee work force from 1952 to 1980. Only employee names are provided on the cards.

Data Elements: 31

Data Abstract Forms, ca. 1950s-1980s

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-6-2

Medium: Paper

Scanning Suitability: Series contains handwritten forms and poor-quality photocopies.

Duplication: Unknown

Arrangement: Numerical by identification number

Originating Office: Savannah River Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains data abstract forms pertaining to employees at the Savannah River Plant. Information includes employee name, first hire date, social security number, date of birth, payroll number, last termination date, badge number, Health Physics area, radiation monitoring badge issue date, and annual and accumulated badge reading information. Some records show uranium and plutonium exposure levels.

Data Elements: 7-8, 16-17, 24-25, 31, 97

Demographic Reports, 1977

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-5

Medium: Paper

Scanning Suitability: Series contains over-
sized computer-generated reports.

Duplication: Unknown

Arrangement: None

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains computer-generated reports providing annual demographic data for Savannah River Plant workers. Data, from 1955 to 1973, are analyzed first according to salaried and hourly employees, then according to sex and race, then by age-range (15-69), and then by four year intervals. Analysis variables are personal exposure year and cancer expectancy rate.

Data Elements: 20-21, 27

Dosimetry Records, 1982

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 3 microfilm cartridges

Accession or Other ID Number: None

Condition: Good

Container Number: LF-2

Medium: Microfilm

Scanning Suitability: Series consists of microfilm.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Savannah River Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series, microfilmed in 1982, contains dosimetry records for Du Pont employees working at the Savannah River Plant from 1953 to 1977. Included are dosimetry cards, requests for reports on exposure, correspondence, and urinalysis reports. The microfilm also includes a form documenting the investigation of missing exposure data.

For related records, see IV. Analysis Files, Oak Ridge, Y-12 Facility and Savannah River Bioassay Data and series listed under Raw Data Files, Savannah River.

Data Elements: 8, 42, 65

Employee Data, 1984

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-21-3

Medium: Paper

Scanning Suitability: Series contains handwritten forms and computer-generated reports.

Duplication: Unknown

Arrangement: None

Originating Office: Methods and Standards Department, Savannah River Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of lists and computer-generated reports providing personal and work history data for Savannah River Plant (SRP) employees. Information includes employee name, social security number, sex, date of birth, job title, department, and hire and termination dates. The lists, produced by the SRP Methods and Standards Department, also contain position descriptions, outline duties and responsibilities of weekly salaried employees, and provide payroll number, code number, location, and wages. The computer-generated reports additionally indicate department, job code, badge number, vital status, and other facilities where the employee worked. This series also includes a list of contaminants found at various locations at the SRP.

Data Elements: 7-8, 16-17, 20-21, 24-25, 28, 31

Employee Health and Mortality Records, ca. 1955-1986

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Box labeled *Call Log* next to SS-40; Series 10405, FC-1-5

Medium: Paper

Scanning Suitability: Series contains oversized computer-generated reports.

Duplication: Unknown

Arrangement: None

Originating Office: Savannah River Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains computer-generated reports, memoranda, correspondence, dosimetry records, radiation hazard questionnaires, studies, and employee lists and rosters containing health and mortality data for Savannah River Plant (SRP) employees. These records generally list employee name, social security number, hire and termination dates, date of birth, and, if applicable, date and cause of death. Some records provide employee number, educational level, and work history information. Other information in this series includes radiation exposures (given as whole body dose, effective dose equivalent, and average exposure measurements) and exposures to hazardous substances such as mercury, beryllium, lead, solvents, and pesticides. Types of cancer (e.g., leukemia, brain, lung, and pancreas) are usually identified. Death data are usually categorized using the International Classification of Diseases. South Carolina and Georgia death rates are also included. This information was gathered for use in health and mortality studies of SRP workers, including the Oak Ridge Associated Universities/University of North Carolina Health and Mortality Study, and in a small study of 31 deceased SRP employees.

For related records, see IV. Analysis Files, Oak Ridge, Y-12 Facility and Savannah River Bioassay Data; Analysis Files, Savannah River Plant General Data; and series listed under Raw Data Files, Savannah River.

Data Elements: 7-8, 16-18, 22, 24-25, 28, 30-31, 54-55, 58, 62, 71, 77

Employment Records, ca. 1959-1984

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.06 cu. ft.

Accession or Other ID Number: 1) 10405;
2) None

Condition: Good

Container Number: 1) FC-1-5; 2) Box labeled PSQ's-between SS-36 and SS-37

Medium: Paper and photographs

Scanning Suitability: Series contains handwritten forms, maps, and photographs.

Duplication: Unknown

Arrangement: Loosely alphabetical by name

Originating Office: Savannah River Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains data, address records, and cards for active, terminated, hourly, and salaried Savannah River employees. Employee data include social security number, name, address, spouse's name, date of birth, educational background, marital status, hire date, termination date and reason, job title, work location, and reassignments. Some records include identification photographs. This series also contains correspondence from the Center for Epidemiologic Research requesting employee data, information concerning the *Savannah River Work History Computerization Project* used to update worker mortality data, and site maps.

Data Elements: 7-8, 11-12, 17, 22-26, 28, 31, 33

File SRERR.PRT Reports, 1986

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.12 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-5-3

Medium: Paper

Scanning Suitability: Series contains handwritten forms and oversized computer-generated reports.

Duplication: Unknown

Arrangement: Subject

Originating Office: Savannah River Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains computer-generated reports from the SRERR.PRT database file, which provides data for 53 groups of Savannah River employees. Information consists of employee social security number, name, sex, race, date of birth, identification number, and hire and termination dates.

Data Elements: 7-8, 16-17, 20-21, 24-25

Payroll Records, ca. 1980s

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 10 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: LF-8

Medium: Paper

Scanning Suitability: Series contains poor-quality photocopies.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Savannah River Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains photocopies of exempt [salaried] employees' payroll records. Data include name, social security number, marital status, date of employment and birth, educational background, department location, position, sex, and work history. Some records include photocopies of employee photographs.

Data Elements: 7-8, 17, 20, 22-23, 28, 30-31

Survivor List, 1982

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.02 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-5-5

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Savannah River Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This computer-generated list identifies individuals receiving benefits as survivors of deceased E. I. du Pont de Nemours Co.-Savannah River Plant employees. Information includes insurance type number; employee social security number, name, date of birth, department, and dependents; insurance company and Medicare data; source; and date of death.

Data Elements: 7-8, 17, 54

Terminated Employee Record Cards, ca. 1952-1989

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 9.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-18-2 to BC-18-5, BC-19-5

Medium: Paper

Scanning Suitability: Series consists of handwritten forms.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Savannah River Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series includes record cards for terminated hourly employees at the Savannah River Plant. Information includes dates of employment, job title, location, pay raises, reason for termination, and status (whether a new or transferred employee). Also included are dates of vaccinations, citizenship, and veteran status.

Data Elements: 7-9, 16-17, 20, 24-28, 31

Terminated Employee Records, ca. 1950s-1980s

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 12 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: LF-9

Medium: Paper

Scanning Suitability: Series contains handwritten forms.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Savannah River Plant

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of *Employee Data and Address Record* forms that provide the employee name, termination date and reason, forwarding address, employment status, supervisor location, department, address, and emergency contact.

Data Elements: 8, 11, 25-26, 31

Accident and Injury Reports, 1944-1946

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.61 cu.ft.

Accession or Other ID Number: 10025

Condition: Good

Container Number: SS-5-4

Medium: Paper

Scanning Suitability: Series contains colored paper, onionskin paper, and handwritten notes.

Duplication: Unknown

Arrangement: Subject, thereafter alphabetical by name

Originating Office: Substitute Alloy Materials Laboratory, Columbia University; Carbide and Carbon Chemicals Corporation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains accident and injury investigation reports and *Premises Accident* reports for Substitute Alloy Materials Laboratory employees. Information includes employee name, age, address, occupation, and payroll number; supervisor's name; an account of the accident; a description of injuries and prescribed treatment; time off from work; damage estimates; and recommendations. The series also includes War Department *Monthly Injury Summary Reports*, which classify injuries as fatalities or permanent total, partial, or temporary total disabilities. These reports also indicate hours worked, total days lost, and injury frequency and severity rates.

Data Elements: 8, 11, 16, 28, 30-31, 38

Employee Lists, ca. 1944-1949, 1967

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.5 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: FC-25-3, FC-25-4

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Unknown

Arrangement: None

Originating Office: Union Carbide Corporation

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of various computer-generated lists and related correspondence concerning Substitute Alloy Materials Laboratory employees. Lists are for inactive personnel, badge monitoring services, and the general employment population. Information includes employee name, badge number, social security number, age, sex, marital status, and date and place of birth.

Data Elements: 7-8, 11, 16-18, 20, 23

First Aid Census Records, 1945-1946

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.45 cu. ft.

Accession or Other ID Number: 10015, 10025

Condition: Fair

Container Number: SS-4-4, SS-5-4

Medium: Paper

Scanning Suitability: Series contains faded copies, handwritten notes, and onionskin paper.

Duplication: Unknown

Arrangement: Chronological

Originating Office: First Aid Station, Substitute Alloy Materials Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains daily logs and monthly reports of injured Substitute Alloy Materials Laboratory personnel seeking treatment at the First Aid Station in Columbia University's Nash Building. Records provide employee name, payroll number, and room number; supervisor's name; and descriptions of injury, treatment, and disposition, including the number of days employees were absent on medical leave. *Monthly Reports* provide patient names, total number of patients treated, total number of visits, and total number of patients receiving ongoing medical treatment at the First Aid Station or from outside providers.

Data Elements: 8, 16, 38

Medical Files, 1943-1946

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 6 cu. ft.

Accession or Other ID Number: 10015

Condition: Good

Container Number: SS-4-4 to SS-4-6

Medium: Paper

Scanning Suitability: Series contains charts, handwritten notes, and heavy stock paper.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Carbide and Carbon Chemical Corporation; Substitute Alloy Materials Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of medical files for Carbide and Carbon Chemical Corporation employees at the Substitute Alloy Materials Laboratory. Records include reports from pre-employment physicals, blood and urinalysis results, and doctors' notes on treatment received during employment. Information includes employee name, address, job location, social security number, date of birth, sex, race, occupation, marital status, disease history, height, weight, blood pressure, and visual acuity; examination date; and the physician's signature.

Data Elements: 7-8, 11, 17, 20-21, 23, 28, 31, 35, 38, 40, 42, 45, 47

Medical Records, ca. 1944-46

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 3 microfilm cartridges

Accession or Other ID Number: None

Condition: Good

Container Number: Reels 1-3

Medium: Microfilm

Scanning Suitability: Series consists of microfilm.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Substitute Alloy Materials Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This microfilm contains medical records for Substitute Alloy Materials Laboratory employees. Included are *Carbide's Preemployment* forms, *Columbia's Termination-Carbide's Preemployment* forms, laboratory examination sheets, workmen's compensation forms, and typed doctors' notes, all of which provide information on employee health, injuries, and medical leaves.

Data Elements: 7-8, 38, 40, 42, 51

University of Rochester Bioassay Records, 1943-1946

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 2.5 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: SS-8-1

Medium: Paper

Scanning Suitability: Series contains colored paper.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Substitute Alloy Materials Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains urinalysis and blood test results for workers in the Nash, Pupin I, Schermerhorn, and Havermeyer buildings of the Substitute Alloy Materials Laboratory collected by the University of Rochester for studies concerning plutonium toxicity and tolerance levels. Forms indicate employee name, work location, and test date. Urinalysis results include specific gravity measurements, and blood work results list Hgb [hemoglobin?] levels. Red and white blood cell counts are given for both tests.

Data Elements: 8, 31, 42

Workmen's Compensation Insurance Claims, 1944-1945

Location: Active:

Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.99 cu. ft.

Accession or Other ID Number: 10025

Condition: Good

Container Number: SS-5-4

Medium: Paper

Scanning Suitability: Series contains mimeographs, carbon copies, colored paper, and handwritten notes.

Duplication: Unknown

Arrangement: Chronological by year, thereafter alphabetical by name

Originating Office: Union Carbide and Carbon Mutual Benefit Association; Substitute Alloy Materials Laboratory, Columbia University

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of insurance claims for workmen's compensation and related correspondence. The records provide employee name, address, sex, race, marital status, age, number, occupation, rate of pay, and insurance company; injury date, time, and location; supervisors's name; description of the accident and resulting injury; and the treatment plan.

Data Elements: 8, 11, 16, 20-21, 23, 28, 31, 33, 38, 51

II. STUDIES

Employee Rosters, ca. 1986-1988

Location: Active: ORISE, CER Vault, Room 129
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: SS-20-5

Medium: Paper

Scanning Suitability: Series contains oversized computer-generated reports.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of computer-generated rosters of participants in the X-10 and Y-12 Beryllium Workers Study. Rosters generally provide employee name, local address, social security and other identification numbers, obituary number, department and plant codes, and associated dates. Information is organized into suspected and confirmed deaths based on information obtained from questionnaires, death certificates, and the Social Security Administration.

For related records, see series listed under IV. Analysis Files, Oak Ridge, Y-12 Facility and Raw Data Files, Oak Ridge, X-10 Facility, Beryllium Workers Exposure Data, ca. 1988.

Data Elements: 7-8, 11, 16, 31

Workers Enhanced Medical Surveillance Program Examination Forms, 1994

Location: Active: ORISE, CER Vault, Room 124
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 31.5 cu. ft.

Accession or Other ID Number: 74152-136053

Condition: Good

Container Number: Records are on 10 open shelves against the back wall of Room 124.

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: Numerical by control number

Originating Office: Oak Ridge Associated Universities

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of medical examinations and case histories for participants in the Beryllium Workers Study. Included are results for beryllium lymphocytes transformation, blood, and pulmonary function tests; urinalyses; and chest X-rays. The series also contains related correspondence.

Data Elements: 8, 16, 20-21, 35-36, 42-43, 45, 47

Y-12 Beryllium Workers Enhanced Medical Surveillance Program Phase I and II Questionnaires, 1993

Location: Active: ORISE, CER Vault, Room 124
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 57 cu. ft.

Accession or Other ID Number: 70767-421231

Condition: Good

Container Number: Records are on 10 open shelves against the back wall.

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: Numerical by control number

Originating Office: Oak Ridge Associated Universities

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of questionnaires and occupational histories for the first and second phases of the Y-12 Beryllium Workers Enhanced Medical Surveillance Program. In addition to beryllium, questionnaires concern exposure to uranium, asbestos, silica, silicon carbide, radium, titanium, aluminum, cobalt, tungsten, carbide dust, nickel, chromium, and zirconium. Questionnaires also provide employee name, address, telephone number, social security and badge numbers, date of birth, sex, race, educational background, employment status, and clearance level at Y-12. Also included are occupational histories which chronicle each individual's work directly related to beryllium, beryllium compounds, nonberyllium substances, and job tasks outside of Y-12. The series also contains consent forms signed by program participants.

For related records, see series listed under IV. Analysis Files, Oak Ridge, Y-12 Facility.

Data Elements: 7-8, 11, 16-17, 20-21, 28, 31, 35-36, 39, 42-43, 45, 47

Study Documentation, ca. 1988-1993

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 36.12 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-8-1 to B-8-4, BC-22-3 to BC-22-5, BC-23-2, SS-2-2 to SS-2-6; fourth and fifth shelves of the second of four adjacent bookcases; third and fourth shelves of the third of four adjacent bookcases.

Medium: Paper

Scanning Suitability: Series contains handwritten forms.

Duplication: Unknown

Arrangement: Loosely numerical by identification number

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of questionnaires, telephone log sheets, and computer-generated data collection grid sheets for the Gas Centrifuge Workers Health Study. Questionnaires were used to gather information concerning the hospitalization of employees for illnesses and injuries and disease histories. They include employee name, social security number, sex, date of birth, work location (K-25), and period of employment (as determined by dates of hire and termination). Data collection grids contain the above information, in addition to employee address, badge number, race, vital status, occupational history, department, and job codes. The log sheets document attempts to interview participants or their relatives by telephone.

For related records, see IV. Analysis Files, Oak Ridge, K-25 Facility, Centrifuge Workers Study Data, 1990-1992 and Analysis Files, Oak Ridge Addresses.

Data Elements: 7-13, 16-17, 20-25, 28, 30-31, 35-38, 43, 47, 58

Argonne National Laboratory Cohort Records, 1982

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: 10050

Condition: Good

Container Number: SS-12-6

Medium: Paper

Scanning Suitability: Series contains
handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of trip reports, occupational exposure data, meeting notes, correspondence, and reference materials gathered for the Argonne National Laboratory cohort of the Five Rem Study. Records provide employee sex, race, date of birth, hire and termination dates, date and place of death, and period of exposure to five rems or more of radiation. Employee names, social security numbers, and other identification numbers have been omitted.

For related records, see series listed under IV. **Analysis Files, Five Rem Study.**

Data Elements: 17, 20-21, 24-25, 54, 56, 62

Argonne National Laboratory External Dosimetry Records, 1952-1984

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.75 cu. ft.

Accession or Other ID Number: 10020

Condition: Fair

Container Number: SS-5-3

Medium: Paper

Scanning Suitability: Series contains tables, dark photocopies, and computer-generated reports.

Duplication: Unknown

Arrangement: None

Originating Office: Argonne National Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains forms used to record dosimetry information for Argonne National Laboratory employees. Forms provide personal identifying information, such as employee name, social security number, birthdate, sex, and race. Dosimetry data include the film badge reading, date, and site. Results are provided for exposure to gamma, beta, and neutron activities in millirems and atomic units.

For related records, see series listed under IV. Analysis Files, Five Rem Study.

Data Elements: 8, 16-17, 20, 24-25, 59-60, 62, 98

Call Log Sheets, ca. 1978-1994

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 6 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-7-3 to BC-7-5,
CC-2 to CC-3, CC-5 to CC-7

Medium: Paper

Scanning Suitability: Series contains handwritten forms.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains telephone call log sheets documenting work, health, and hospitalization histories of participants in the Five Rem Study. Information includes employee identification number and name, scheduled time and date of call, record of unsuccessful attempts to contact participants, interviewer's initials, questions asked concerning employees' work histories, information for a follow-up interview, and the interviewer's comments.

For related records, see series listed under IV. Analysis Files, Five Rem Study.

Data Elements: 7-13, 16-17, 20-21, 24-25, 30

Death Certificates, ca. 1984-1990

Location: Active:
Inactive: ORISE, CER Vault, Room 124

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 3 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: None

Medium: Paper

Scanning Suitability: Series contains handwritten forms.

Duplication: Unknown

Arrangement: By site

Originating Office: Oak Ridge Associated Universities

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series contains copies of death certificates of former employees at various Department of Energy (DOE) sites who were exposed to five rems or more of radioactivity. It also includes correspondence and memoranda relating to obtaining these records for the Five Rem Study.

For related records, see series listed under IV. Analysis Files, Five Rem Study.

Data Elements: 6-11, 17-18, 20-21, 53-56

Fermi Laboratory Personnel History Records, ca. 1967-1981

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.75 cu. ft.

Accession or Other ID Number: 10032

Condition: Fair

Container Number: SS-5-2

Medium: Paper

Scanning Suitability: Series contains photocopies.

Duplication: Unknown

Arrangement: None

Originating Office: Fermi Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of copies of personnel history records of Fermi Laboratory employees. The records indicate employee name, job title, work location, place and date of birth, address, telephone number, sex, marital status, dependents, entry and termination dates, educational level, type (i.e., as permanent, temporary, full time, or part time), social security number, emergency contact, and military service. The series also includes lists of job titles and grades and organizational charts.

For related records, see series listed under IV. Analysis Files, Five Rem Study.

Data Elements: 1, 7-8, 11-12, 16-18, 20, 22-25, 27-28, 31

Ingalls Shipyard Dosimetry Reports, 1962-1979

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.12 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: BC-22

Medium: Paper

Scanning Suitability: Series contains oversized computer-generated reports.

Duplication: Unknown

Arrangement: None

Originating Office: Ingalls Shipyard

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains computer-generated reports and rosters of dosimeter readings for Ingalls Shipyard employees. The reports provide dosimeter readings over a range from zero to greater than five rems, in intervals of 0.5 rems, for each employee. The rosters list names and social security numbers of employees exposed to five rems or more of radiation per year. Records generally include information on dosimeter readings of visitors and terminated employees, badge numbers, quarterly readings, last dose dates, and employees' dates of birth.

For related records, see series listed under IV. Analysis Files, Five Rem Study.

Data Elements: 7-8, 18, 31, 62, 98

Knolls Atomic Power Laboratory Employee Roster, 1984

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.06 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Series contains oversized computer-generated report.

Duplication: Unknown

Arrangement: Numerical by social security number

Originating Office: Knolls Atomic Power Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains a computer-generated roster of employees at the Knolls Atomic Power Laboratory. Knolls was a contract facility of General Electric Company involved in naval reactor development. Personal identifiers include name, social security number, job title, duties, sex, and exposure history.

For related records, see IV. Documentation, Site Notebooks, 1976-1990 and series listed under Analysis Files, Five Rem Study.

Data Elements: 7-8, 20, 28, 34, 39

Oak Ridge Worker Questionnaire Inventory, 1986

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.06 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-23-5

Medium: Paper

Scanning Suitability: Series contains oversized computer-generated reports.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains computer-generated reports containing coded data from Statistical Analysis System data sets. Coded information includes employee name, address, telephone and identification numbers, date of birth, sex, marital status, hire and termination dates, and smoking history.

For related records, see series listed under IV. Analysis Files, Five Rem Study.

Data Elements: 8, 11-12, 16-17, 20, 23-25, 36

Puerto Rico Nuclear Center Correspondence and Employee Lists, ca. 1960s

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1 microfilm cartridge

Accession or Other ID Number: None

Condition: Good

Container Number: SS-1-5

Medium: Microfilm

Scanning Suitability: Series consists of microfilm.

Duplication: Unknown

Arrangement: None

Originating Office: Puerto Rico Nuclear Center

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of microfilm copies of employee lists and correspondence from the Puerto Rico Nuclear Center. The correspondence primarily concerns appointments to the Center. The records are in Spanish.

Data Elements: 6, 8

Reports and Coding Sheets, 1980-1989

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: SS-1-4 to SS-1-6

Medium: Paper

Scanning Suitability: Series contains over-sized computer-generated reports and handwritten forms.

Duplication: Unknown

Arrangement: Reverse chronological by year, thereafter by month

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of computer-generated reports pertaining to the Five Rem Study. It also includes a copy of the study questionnaire, a draft of an introductory letter, data sheets, and a report titled *REM 5 Corrections*.

For related records, see series listed under IV. **Analysis Files, Five Rem Study.**

Data Elements: 7-8, 17, 20-21, 24-25

Sources List, 1984

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 1 microfilm cartridge

Accession or Other ID Number: None

Condition: Good

Container Number: Reel 2

Medium: Microfilm

Scanning Suitability: Series consists of
microfilm.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains a list of sources used for the Five Rem Study, including storage and history information concerning materials used in the study. The reel consists mostly of lists, with no primary source data. There appears to have originally been two reels.

Data Elements: None

Study Cards, ca. 1984-1990

Location: Active:
Inactive: ORISE, CER Vault, Room 124

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Series contains colored paper and handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of three metal boxes of cards which were returned by potential study participants indicating their willingness to participate in the Health Study Follow-Up Program (i.e., the Five Rem Study). The cards are stamped with a control number and indicate how the participants could be contacted.

For related records, see series listed under IV. Analysis Files, Five Rem Study.

Data Elements: 8, 11

Study Questionnaires, ca. 1986

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 7 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-7-1, BC-7-2, CC-2 to CC-7

Medium: Paper

Scanning Suitability: Series contains handwritten forms.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series includes questionnaires requesting information concerning employee health problems and hospitalization histories. Information includes diagnosis (e.g., cancer); name and location of hospital; length of hospital stay; and employee disease and radiation exposure histories, marital status, children's and spouse's health histories, work history, exposure to hazardous materials, experiences in different industries associated with the site, and smoking and alcohol drinking histories.

For related records, see series listed under IV. **Analysis Files, Five Rem Study.**

Data Elements: 23, 30, 36-37, 39, 47, 83

Study Records, 1985-1986

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: BC-2-4

Medium: Paper

Scanning Suitability: Series contains
handwritten forms.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains materials relating to the Five Rem Study, including correspondence, data entry sheets, job classifications, project descriptions, memoranda, census statistics, and records pertaining to problems associated with the data. Facilities mentioned include Argonne National Laboratory, Energy System Group, Lawrence Livermore Laboratory, Brookhaven National Laboratory, and Lawrence Berkeley Laboratory.

For related records, see series listed under IV. Analysis Files, Five Rem Study.

Data Elements: 6, 20-21, 28

Case-Control Study Records, 1987-1994

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.37 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Box next to FC-13

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Unknown

Arrangement: Varies; computer-generated reports are by analysis variable, and remaining records are chronological.

Originating Office: ORISE

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains correspondence, research proposals, progress reports, data analyses, paper abstracts for presentations, papers submitted for publication, peer reviews, final publications, and computer-generated reports associated with the Uranium Dust Lung Cancer Study. Computer-generated reports include processed data concerning employee tobacco use, film badge exposure data, work histories, lung doses, social security numbers, and badge numbers. The reports also indicate lag times between exposures and appearances of disease symptoms.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study General Study Data and Analysis Files, Uranium Dust Lung Cancer Study Smoking Data.

Data Elements: 7, 16, 28, 30, 36, 62, 97

Search Records, 1989

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.37 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Fourth shelf of second of four adjacent bookcases

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: Alphabetical by state

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series includes search logs for medical records of cases and related correspondence pertaining to the Four-Site Uranium Study. The records indicate the hospital queried, contact person, date, response, and information pertaining to the employee under investigation, including name, dates of birth and death, and social security number.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study General Study Data and Analysis Files, Uranium Dust Lung Cancer Study Smoking Data.

Data Elements: 7-8, 17, 54

Smoking Histories, 1990

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.25 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-23-4, BC-23-5

Medium: Paper

Scanning Suitability: Series contains computer-generated reports and handwritten notes.

Duplication: Unknown

Arrangement: By site

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains smoking history data for workers at the K-25, X-10, and Y-12 Plants, Mallinckrodt Chemical Works, National Lead of Ohio, and Tennessee Eastman Corporation. Data include employee name; first hire and last termination dates; date of birth; badge, social security, and identification numbers; and coded tobacco usage information.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study General Study Data and Analysis Files, Uranium Dust Lung Cancer Study Smoking Data.

Data Elements: 7-8, 16-17, 24-25, 36

Uranium Dust Monitoring Records, 1981-1989

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 7 cu. ft.

Accession or Other ID Number: 162-215637

Condition: Fair

Container Number: SS-17-6, SS-18-1, SS-18-6

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: Generally numerical by identification number

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains death records of cases included in the Four-Site Uranium Study. Records include copies of death certificates, correspondence from Oak Ridge Associated Universities, copies of physicians' notes, hospital laboratory analysis reports, autopsy protocols and final reports, microscopic examination reports, search logs for contacting hospitals, notifications to states, search responses, and computer-generated lists of social security numbers. Uranium dust documentation in the series contains employee name; social security number; sex; race; birth and death dates; place of birth; city, county, and state of death; occupation; industry; city, county, and state of residence; father's name; autopsy data (if performed); smoking data; cancer cause of death; illnesses; operations; injuries and associated dates; and injury descriptions. These records also indicate whether deaths were accidents, homicides, suicides, or results of undetermined causes.

For related records, see IV. **Analysis Files, Uranium Dust Lung Cancer Study General Study Data and Analysis Files, Uranium Dust Lung Cancer Study Smoking Data.**

Data Elements: 7-8, 11-12, 17-18, 20-21, 35-36, 38, 47, 53-56

Medical Abstracting Forms, 1984

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-3-1

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains forms used to code information for the Tennessee Eastman Corporation Lung Cancer Study. The forms contain medical and demographic information for employees including work location; date of birth; occupation; previous industrial/chemical exposure; and medical, lung/respiratory disease, and smoking histories. Data are broken down by cases and controls.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study Employment History Data: Tennessee Eastman Corporation, 1943-1982.

Data Elements: 8, 16-17, 28, 31, 36, 39, 47

Study Working Papers, ca. 1943-1982

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.27 cu. ft.

Accession or Other ID Number: 10023

Condition: Good

Container Number: SS-5-2

Medium: Paper

Scanning Suitability: Series contains handwritten notes and dark photocopies.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains correspondence and research notes concerning the lung cancer study of Tennessee Eastman Corporation employees. The correspondence consists of letters to hospitals and next of kin requesting access to medical and autopsy records of former employees. The series also includes lists of hospital addresses and names of patients who died of lung cancer at each hospital, with tracking sheets for responses; information on histologic tumor types and diagnostic techniques used to determine tumor types; discharge summaries; autopsy and cytology reports; and copies of medical records.

For related records, see IV. Analysis Files, Uranium Dust Lung Cancer Study Employment History Data: Tennessee Eastman Corporation, 1943-1982.

Data Elements: 3, 6, 8, 11-12, 17, 20, 42, 47, 53-56

Data Files, ca. 1944-1945

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 6 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: LF-5-1 to LF-5-3

Medium: Paper

Scanning Suitability: Series contains brittle paper and handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: Harshaw Chemical Company; Lake Ontario Ordnance Works

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: These data files consist of film badge reports, employee rosters, and correspondence from Harshaw Chemical Company and Lake Ontario Ordnance Works. The records provide employee name, badge and social security numbers, job title, dates of hire and termination, exposure history, and radiation hazards encountered. The series also contains information pertaining to the collection and meaning of data collected for the study.

Data Elements: 6-8, 16, 24-25, 39, 59, 62

Film Badge Reports, ca. 1947-1951

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 2 cu. ft.

Accession or Other ID Number: 131502-131503

Condition: Fair

Container Number: BC-2-5

Medium: Paper

Scanning Suitability: Series contains brittle paper.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Manhattan Engineer District and Atomic Energy Commission

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains reports of film badge results of workers at the Lake Ontario Ordnance Works, Harshaw Chemical Company, Kellex, Memorial Hospital, Marion Engineering Depot, Mallinckrodt Chemical Works, Middlesex Sampling Plant, New Brunswick Laboratory, Sylvania, Western Reserve, and Watertown Arsenal. Information includes employee name, badge number, and job title; beta and gamma activity levels; and total radiation measured in millirems per day.

Data Elements: 8, 16, 28, 59, 62

Harshaw Chemical Employee Information Cards, 1943-1950

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.12 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: LF-6-2

Medium: Paper

Scanning Suitability: Series consists of index cards.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Harshaw Chemical Company

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of cards containing employee names, social security numbers, jobs, dates of birth, film badge results, and associated dates.

Data Elements: 7-8, 17, 28, 62

Project Files, 1942-1970

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: BC-11-5

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: Manhattan Engineer District and Atomic Energy Commission

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains the project files for the contractors/sites in the Niagara Frontier plants study. The files consist of plant histories, reports from Atomic Energy Commission site visits, job descriptions, computer-generated rosters of employees, health and safety program records, medical program records, and medical surveillance and measurement reports. Contractors and sites include Simonds Saw and Steel Company, Lake Ontario Ordnance Works, Linde Air Products Company Ceramics Plant, New York Operations, Oak Ridge Associated Universities/Center for Epidemiologic Research, and the University of Pittsburgh.

Data Elements: 2, 7-8, 16, 20-21, 24, 28, 31, 34

Simonds Saw and Steel Employee Information Cards, 1949-1950

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.18 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: LF-6-3

Medium: Paper

Scanning Suitability: Series contains handwritten cards.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Simonds Saw and Steel Company

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: These information cards provide employee name, social security number, date of birth, job title, dates of employment, and clearance date.

Data Elements: 7-8, 17, 24-25, 28

International Nickel Company Cases, 1973

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.06 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: FC-1-1

Medium: Paper

Scanning Suitability: Series contains poor-quality photocopies.

Duplication: Unknown

Arrangement: None

Originating Office: International Nickel Company

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains photocopies of lists of International Nickel Company employees. These lists came from the company's security files as part of the Nickel Workers Study. Information concerning the lists' origin and use within the study are provided in the records.

Data Elements: 8

Smoking Histories, 1979

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 0.37 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: BC-9-5

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Unknown

Arrangement: By analysis variable

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of computer-generated reports which compare the smoking history and cancer rates of individuals in the Nickel Workers Study. Information is provided for different age groups, genders, and races from 1948 to 1973. Age cohorts are grouped in five year intervals from ages 15 to 104. There are separate reports for the work force and for control groups. Personal identifiers are not included.

For related records, see IV. Analysis Files, Welder Study Data.

Data Elements: 36

Study Records, ca. 1977-1978

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-5-6

Medium: Paper

Scanning Suitability: Series contains oversized computer-generated reports and handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: Union Carbide Corporation; Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of research files containing correspondence, computer-generated reports, coding information, smoking histories, and other data relevant to the Nickel Workers Study. This long-term mortality study compared X-10, Y-12, and K-25 workers exposed to nickel to white males with no potential exposure who worked at least one day during the period between January 1, 1948, and December 31, 1953. Data include name, social security number, hire and termination dates, sex, race, medical and badge numbers, dates of birth and death, cause of death, and remarks.

For related records, see IV. Analysis Files, Welder Study Data.

Data Elements: 6-8, 16-17, 20-21, 24-25, 33, 36, 54-55, 77

Vital Statistics Search Files, ca. 1974-1977

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-23-4

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Unknown

Arrangement: By state

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of correspondence, memoranda, and computer-generated reports documenting searches for vital statistics from state agencies for individuals involved in the Nickel Workers Study. Death certificate information includes certificate registration number, state of origin, fee, and total price. Computer-generated lists provide employee location, state, name, social security number, and dates of birth and death.

For related records, see IV. Analysis Files, Welder Study Data.

Data Elements: 6-8, 11, 17, 54

Phase II Analysis, 1989-1992

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-23-3

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains information concerning workers involved in the Oak Ridge Facility Comparison Study, Phase II Analysis. A random sample of 500 workers were selected, consisting of approximately 1/2 of 1 percent of the study cohort. This includes employees at the Tennessee Eastman Corporation and the Y-12, X-10, and K-25 Plants. Variables include race; sex; first pay code; and dates of birth, first hire, and last termination. Study participants were multiple-facility workers. The series includes grids of employee data containing identification number, social security number, type, date of birth, sex, race, name, vital status, and the facilities where the workers were employed.

Data Elements: 7-8, 16-17, 20-21, 24-25, 31, 33, 58

X-10, K-25, and Y-12 Plants Radiation Exposure Histories, 1991-1992

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.5 cu. ft.

Accession or Other ID Number: None

Condition: Good to fair

Container Number: LF-6-1

Medium: Paper

Scanning Suitability: Series contains file numbers handwritten in red ink and pencil.

Duplication: Unknown

Arrangement: Numerical by file number

Originating Office: X-10, K-25, and Y-12 Plants

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of files listing radiation exposures for employees at the X-10, Y-12, and K-25 sites between 1943 and 1988 for the Oak Ridge Facility Comparison Study. The Y-12 and K-25 data were collected in 1991; the X-10 in 1992. Each file lists the employee name and social security number; employment history (Oak Ridge facility hire and termination dates); annual external radiation exposures for skin and penetrating radiation; radiation protection standards for skin and penetrating doses; urinalysis reports giving year, radionuclides in the sample (e.g., uranium), and number of analyses; and in vivo monitoring results giving year, radionuclide, number of analyses, range, units, and average percentage of Radiation Protection Standard. Some files also include *Occupational Radiation Dose Reports* containing employee name and social security and employee numbers; reporting period; year; external dose equivalent for skin, extremity, and whole body; internal, annual, and committed effective dose equivalents; and committed and cumulative effective dose equivalents. All results in these reports are given in rems. Folders are labeled *ORFCOM Exposures*.

Data Elements: 7-8, 16, 24-25, 30, 42, 59, 62, 65, 69

Study Records, ca. 1992-Current

Location: Active: ORISE, CER Vault, Room 123
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Records are on the middle shelf towards the wall on the right-hand side of Room 123.

Medium: Paper

Scanning Suitability: Series contains handwritten notes and computer-generated reports.

Duplication: Unknown

Arrangement: None

Originating Office: ORISE

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series contains information gathered in support of the Tatum Salt Dome Site Study. It focuses on the 21,000-22,000 people living in the vicinity of the Tatum Salt Dome near Lumberton, Mississippi. Originally undertaken by the state of Mississippi at the request of Senator Trent Lott, the study has been transferred to the Oak Ridge Institute for Science and Education. The records consist mainly of computer-generated reports for employees in the study, including individual name, sex, race, social security number, age at death, dates of birth and death, address while working, last known address, proximity to the site based on regional maps, place and county of death, hospital, and death certificate number. Reports are grouped separately for deceased and living individuals. The study is ongoing and the report is in review.

Data Elements: 7-8, 11, 17-18, 20-21, 53-54, 56

Data Sheets, 1982

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.62 cu. ft.

Accession or Other ID Number: 10016

Condition: Good

Container Number: SS-5-1

Medium: Paper

Scanning Suitability: Series contains computer-generated reports, faded photocopies, colored ink, and handwritten notes.

Duplication: Unknown

Arrangement: Numerical by identification number

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of files created in support of a study of Tennessee Eastman Corporation female employees. Files contain a computer-generated report listing employee name; social security and identification numbers; sex; race; dates of birth, hire, and termination; department number; job code and title; and badge number; and the success or failure of Social Security Administration and death certificate searches. The series also includes *Medical Abstracting Forms* listing employee identification number and date of birth; the number of exams on record; and coding for such items as previous industrial/chemical exposures, work X-ray history, surgeries, disease history, anemia, tobacco use, absences due to accident or illness, and other medical problems. The *Medical Abstracting Forms* are signed and dated by the person entering the information into the database. Copies of death certificates are also included in some of the files. Data were coded and entered in 1982.

Data Elements: 7-8, 16-17, 20-21, 24-25, 28, 30, 36, 38-40, 45, 47, 53-56

Questionnaires and Medical Test Forms, 1994

Location: Active: ORISE, CER Vault, Room 124
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.75 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Series contains handwritten forms.

Duplication: Unknown

Arrangement: Numerical by control number

Originating Office: Oak Ridge Associated Universities

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series contains questionnaires and medical test forms for the Y-12 Elemental Mercury Study. Information on the questionnaires include employee name; social security and telephone numbers; date and place of birth; sex; height; weight; income; writing hand; education level; native language; symptoms associated with mercury exposure; medical and medication histories; psychiatric, beverage/drinking, smoking, and exposure histories; and neurological/motor skills tests. The questionnaire was created for a study of Y-12 mercury workers conducted by Oak Ridge Associated Universities, Emory University, the Centers for Disease Control and Prevention, the National Institute for Occupational Safety and Health, the United States Public Health Service, and the Department of Energy. The purpose of the study is to determine the possible effects of chronic exposure to elemental mercury on human health, especially upon the nervous system. The study is still in progress (expiration date August 31, 1997). The participants were first contacted on November 1, 1994.

Data Elements: 7-8, 11, 16-18, 20-22, 24-25, 30-31, 35-37, 39, 42-45, 47, 75, 77

Study Records, ca. 1947-1994

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 2 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Next to FC-14

Medium: Paper

Scanning Suitability: Series contains handwritten notes and oversized computer-generated reports.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of research materials used for the Study of Morbidity and Mortality from Select Causes Among Oak Ridge Y-12 Sheet Metal Workers. The investigation compared the projected and actual United States population mortality rates for sheet metal workers. Also analyzed were morbidity data for Y-12 sheet metal workers and data from the Atlanta area Surveillance Epidemiology End Results.

The series includes correspondence, the study proposal, memoranda, mailing lists, minutes of meetings, and progress reports. Information gathered by the Tennessee Career Reporting System (TCRS) is also included, as well as computer documentation for entering worker data into the database. Results of queries submitted to the TCRS, and industrial hygiene records from Y-12 are included.

Study Records, ca. 1947-1994

Series Description (cont'd)

Also included are toxicological records pertaining to employees exposed to nickel, aluminum, perchlorethylene, trichloroethylene, oil mist, epichlorohydrine, yttrium, copper, chromium, ethylacetate, stainless steel, naptha, fiber glass, polychlorinated biphenyls, magnesium, and molybdenum. Personal information in these records includes identification number, social security number, type, date of birth, sex, race, and vital status. Sheet metal questionnaires/exposure materials are also included.

For related records, see series listed under IV. Analysis Files, Oak Ridge, Y-12 Facility.

Data Elements: 6-8, 11, 16-17, 20-21, 53, 58, 83

III. ORISE

Administrative Files, 1984-Current

Location: Active: ORISE, CER Vault, Room 204
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 36 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Series contains colored paper, multiple paper sizes, and handwritten notes.

Duplication: Unknown

Arrangement: Alphabetical by name and subject

Originating Office: Oak Ridge Associated Universities and ORISE

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series contains general correspondence, budget and procurement records, personnel files, requests for proposals, meeting minutes, reports, papers prepared by staff members, and dissertations.

Data Elements: 6

**Center for Epidemiologic Research Document (CERDOCS) Reference Files,
1940-Current**

Location: Active:
Inactive: ORISE, CER, Room 107

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 58.25 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: File cabinets

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: Numerical by CERDOCS number

Originating Office: Oak Ridge Associated Universities and ORISE

Finding Aids: CERDOCS database

Disposition Authority: Unscheduled

Series Description: This series consists of studies, reports, articles, conference proceedings, theses, and dissertations concerning epidemiologic topics. Each document is entered on the CERDOCS database and may be located through full text, title, author, date, and keyword searches. Documents in this collection do not circulate; staff members are given copies for their personal use.

Data Elements: None

Center for Epidemiologic Research Reading Files (CERERF), 1977-Current

Location: Active: ORISE, CER Vault, Room 129
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 33.75 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-12-1 to BC-12-5,
BC-13-1 to BC-13-5, BC-14-1 to BC-14-3

Medium: Paper

Scanning Suitability: Series includes newspaper clippings and handwritten notes.

Duplication: Some materials are duplicated in professional journals and personal files.

Arrangement: Numerical by CERERF number

Originating Office: Oak Ridge Associated Universities and ORISE

Finding Aids: CERERF database

Disposition Authority: Unscheduled

Series Description: This series consists of photocopies of research materials and correspondence used by epidemiologists in the Center for Epidemiologic Research for their studies. Each document is assigned a CERERF number and entered into the CERERF database. The database includes complete bibliographic information for all documents in the series.

Data Elements: 6

Department of Energy (DOE) Health and Mortality Study Protocols, 1982

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 0.18 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-7-1

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: By chapter

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities; Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of protocols and methodologies for Department of Energy Health and Mortality Studies developed by the Center for Epidemiologic Research of Oak Ridge Associated Universities and the Department of Epidemiology, School of Public Health, University of North Carolina. The protocols address methodologies used to collect data for the Health and Mortality Studies and hypotheses underlying the studies.

Data Elements: None

John D. Dingell File Notebooks, ca. 1977-1991

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 11.6 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Second through fourth bookcases to the right of vault entrance

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Some duplication may occur in the CER program database titled Dingle [sic].

Arrangement: Numerical by database document number

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of photocopies of records collected from the Center for Epidemiologic Research (CER) study files in response to Congressman John D. Dingell's request for information on CER activities. Dingell originally requested information on health and mortality studies, but later broadened his search to information concerning studies of all Department of Energy sites. The series includes correspondence; memoranda; charts; exposure data and histories, including radiation and uranium dust exposure information; organizational charts; work plans; fact sheets; employee medical records; brochures; urinalysis data; smoking histories; job descriptions; radiation hazards questionnaires; and trip, monthly, and final reports. Personal information includes name, identification and social security numbers, vital status, sex, race, years exposed, first exposure, first and total doses, date of birth, hire and termination dates, and smoking data.

For related records, see IV. Documentation, John D. Dingell Database Index, ca. 1978-1992.

Data Elements: 1-2, 6-8, 17, 20-21, 24-25, 34, 36, 42, 58-59, 62, 97

Employee Data Reports, ca. 1983-1989

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 2.3 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-19-1, BC-20-2, BC-20-3

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Microfilm copies of Savannah River reports are on reels 19, 23, and 24 in container BC-20-1.

Arrangement: None

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of computer-generated reports created by the Center for Epidemiologic Research for X-10, Y-12, and Savannah River Plant workers. Reports concern film badge, personnel exposure, urinalysis, and whole body counting data; analysis files; and data models. Information in the reports includes employee name, identification number, date of birth, hire and termination dates, badge and facility numbers, and department. Some reports also provide sex, race, card code, date of death, benefit status, beginning and ending year of disability, and last year employed.

For related records, see series listed under IV. Analysis Files, Oak Ridge, X-10 Facility; Analysis Files, Oak Ridge, Y-12 Facility; and Raw Data Files, Savannah River.

Data Elements: 7-8, 16-17, 20-21, 24-25, 28, 30, 40, 54, 57, 62

Facility Correspondence, 1977-Current

Location: Active: ORISE, CER Vault, Room 123
Inactive:

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 1.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Open shelves

Medium: Paper

Scanning Suitability: Series contains
handwritten notes.

Duplication: Unknown

Arrangement: Alphabetical by facility

Originating Office: Center for Epidemiologic Research of Oak Ridge Associated Universities
and ORISE

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series contains correspondence between Oak Ridge Associated Universities and ORISE and the Department of Energy (DOE) and DOE contractors participating in the Energy Research and Development Administration/DOE Health and Mortality Study. Files contain memoranda concerning data received from sites, additional data to be obtained from sites, and general concerns of researchers about individual facilities. The series also includes handwritten notes and memoranda concerning sites and their participation in the studies.

Data Elements: 6

List of Epidemiology Records at ORAU, 1979

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 1 microfilm cartridge

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Microfilm

Scanning Suitability: Series consists
of microfilm.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of title lists of records used in Oak Ridge Associated Universities epidemiologic studies. The lists do not include information on the content, volume, or source of the records.

Data Elements: None

Oak Ridge Associated Universities (ORAU) Administrative Files, 1978-Current

Location: Active: ORISE, CER Vault, Room 123
Inactive:

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 5.25 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Open shelves

Medium: Paper

Scanning Suitability: Series contains
handwritten notes and computer-generated
reports.

Duplication: Unknown

Arrangement: Alphabetical by study title

Originating Office: Oak Ridge Associated Universities

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of correspondence, memoranda, and notes pertaining to Center for Epidemiologic Research studies. Most files are from completed studies, but some are still active with new materials added regularly. Files titles include: *Andjelkovich Findings, Andjelkovich Study, NCI* [National Cancer Institute], *Study BeeBee Gilbert, International Agency for Research on Cancer (IARC), IARC Correspondence, Johns Hopkins University Shipyard Workers Study, K-25 Study, Linde, Mallinckrodt, Mancuso Studies, Med Studies, NCI/LBL* [Lawrence Berkeley Laboratory], *Exposed Workers, Savannah River, Sheet Metal Workers, University of Michigan Y-12 Mercury Study, Welder's Study, and Five Rem Study.*

Data Elements: 6

Oak Ridge Associated Universities (ORAU) Course Materials, ca. 1954-1980

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility. *Volume:* 3 cu. ft.

Accession or Other ID Number: None *Condition:* Good

Container Number: BC-19-2 to BC-19-4 *Medium:* Paper

Scanning Suitability: Series contains
handwritten notes. *Duplication:* Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of Oak Ridge Associated Universities educational course materials. Series includes lecture notes, manuals, course outlines, and laboratory exercises pertaining to the handling of radioisotopes, health physics practices, reactor development, bioassays, particle interactions, radiation hazards response, atomic absorption, radiation and genetic effects, radiation protection, gamma ray spectrometry, incidents and accidents, and environmental monitoring.

Data Elements: None

**Oak Ridge Associated Universities (ORAU) Research Planning Group Meeting
Records, 1979-1988**

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 0.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-19-4

Medium: Paper

Scanning Suitability: Series includes
handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains agendas, meeting minutes, and notes for the Oak Ridge Associated Universities (ORAU) research groups and committees, including the Epidemiology, Health and Mortality Research Study Planning, and Hazards Assessment Groups, and the ORAU Epidemiology Advisory Committee. Series provides radiation exposure data from the X-10 Plant at Oak Ridge National Laboratory, *Dosimetry Records and Radiation Hazards Questionnaires*, epidemiology study proposals and progress reports, and potential radiation exposure process notes.

Data Elements: None

Oak Ridge Brain Cancer Study Files, 1982-1985

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 3 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: SS-8-5

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Unknown

Arrangement: By facility, thereafter alphabetical

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains medical information, radiation exposure data, and vital statistics on X-10, Y-12, and K-25 employees included in the Oak Ridge Workers Brain Cancer Study. The series includes *Abstract Forms-Medical Records, Y-12 Ever and X-10 Ever Exposure Profiles, K-25 Radiation Data Reports, and Vital Status Sheets*. Employee information abstracted from medical files includes name, hire and termination dates, social security number, identification number, date of birth, sex, race, department, job title, medical history, and date of medical examination. Exposure profiles indicate exposure to acid/bases, chromium, nickel, uranium, thorium, lead, beryllium, mercury, asbestos, oil, fuel, tetrachloroethylene, trichloroethylene, carbon tetrachloride, methyl chloroform, hydrazines, benzene, toluene, xylene, dibutyl carbitol (ethers), methyl ethyl ketone, metholyme chloride, vinyl chloride, and radioactive materials. Vital status sheets provide last known vital status for study cases and controls. The series also includes results from urinalyses, whole body counts, blood tests, and film badges.

For related records, see IV. **Analysis Files, Brain Cancer Study Data** and series listed under **Raw Data Files, Oak Ridge, K-25 Facility** and **Raw Data Files, Oak Ridge, Y-12 Facility**.

Data Elements: 7-8, 16-17, 20-21, 24-25, 28, 31, 35, 39, 42, 47, 58, 62, 68, 71

Oak Ridge Operations Office (ORO)/Oak Ridge Associated Universities (ORAU) Correspondence, 1964, 1980-1989

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.06 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: SS-3-2

Medium: Paper

Scanning Suitability: Series includes dark photocopies and handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Operations Office; Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series contains correspondence from the Oak Ridge Operations Office and the Oak Ridge Associated Universities requesting personnel, medical, and radiation exposure records of approximately twenty former Oak Ridge employees. Most of the correspondence was written in response to requests from family members, physicians, and scientists. Other records included are radiation exposure records, job descriptions, medical records, and clearances for the release of information.

Data Elements: 6-9, 16-17, 20-21, 28, 34-35, 54-55, 59, 62

Radiation Accident Files, ca. 1959-1976

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.2 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-19-2

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains background materials for studies concerning radiation accidents. The series includes lists of radiation exposures of Atomic Energy Commission and contractor personnel; an investigation manual for radiation accidents and incidents; investigative reports of accidental X-ray exposures; journal articles concerning nuclear accidents, exposures to X-rays, and inhalations and injections of radioactive materials; and handwritten notes pertaining to the Y-12 Plant at the Oak Ridge Reservation and to Los Alamos National Laboratory.

Data Elements: 122

Reference Files, ca. 1965-1981

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 18.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-19-1, BC-19-2, FC-27,
FC-28, SS-40, and next to SS-40

Medium: Paper, photo-
graphs, and negatives

Scanning Suitability: Series contains
handwritten notes, photographs, and
negatives.

Duplication: Unknown

Arrangement: None

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains the reference files for projects undertaken by a health physicist and another researcher at Oak Ridge Associated Universities. Files include correspondence, memoranda, and scientific and technical articles pertaining to the Radiation Emergency Assistance Center/Training Site program, radiation accidents, medical procedures, workshops, and occupational radiation exposure guidelines. Other topics include infections in irradiated patients, human renal function, cancer in humans and primates, bacteriology, microbiology, and immunology.

Data Elements: None

Reference Publications, ca. 1965-1989

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 2.3 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-19 to BC-21

Medium: Paper

Scanning Suitability: Series contains bound volumes, poor-quality photocopies, and handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities; National Institute for Occupational Safety and Health; U.S. Environmental Protection Agency; various academic, professional, and federal institutions

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of reference publications concerning epidemiology, health physics, and industrial hygiene topics of interest to the Center for Epidemiologic Research. Topics include occupational radiation exposures, medical uses of technetium, protective equipment, occupational radiation monitoring assessment procedures, radiation incidents, mortality from acute exposures, instrument specifications, emergency preparedness, and equipment.

Data Elements: None

Special Order Accounts Register, ca. 1960-1986

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 7 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-22-3, BC-23-1, BC-23-4

Medium: Paper

Scanning Suitability: Series contains
handwritten notes.

Duplication: Unknown

Arrangement: Numerical by order number

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series contains copies of special order account forms and a computer-generated summary report. Forms include purchase orders and requisitions.

Data Elements: None

State Departments of Motor Vehicles Correspondence, 1981-1985

Location: Active:
Inactive: ORISE, CER Vault, Room 123

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 7.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Open shelves

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: By state

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series contains correspondence between Oak Ridge Associated Universities and state Departments of Motor Vehicles (DMVs) regarding vital statistics on nuclear workers and radiation accident survivors. The correspondence includes lists of individual names, social security numbers, last known addresses, and dates and places of birth and death. Also included in the series are files with examples of letters, names of contacts at DMVs, addresses of DMVs, questionnaires, and surveys.

Data Elements: 6-8, 11, 17-18, 54, 56

Total Body Irradiation Records, 1961-1964

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 0.2 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-19-4

Medium: Paper
and photographs

Scanning Suitability: Series contains
photographs and diagrams.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of two notebooks containing information on the development of total body irradiation (TBI) as a therapeutic tool. Information includes medium-exposure rates, TBI data and low-exposure rates, data used to administer therapeutic TBI doses, effects of TBI on patients with various diseases, and types of treatment. The series also includes photographs and explanations of rooms and equipment used to administer low and medium exposures, diagrams of irradiations and exposure rates, chamber calibration forms, memoranda, and catalogues of equipment.

Data Elements: 59-71

Vital Statistics Publications, ca. 1976-1985

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-23-2

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: None

Originating Office: National Institutes of Health, U.S. Department of Health and Human Services; Public Health Service, U.S. Department of Health, Education, and Welfare

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of publications of interest to epidemiologists concerning mortality statistics and the classification of causes of death. The series also includes publications concerning the application of the International Classification of Diseases coding system.

Data Elements: None

Vital Status Sources Correspondence, 1972-1992

Location: Active:
Inactive: ORISE, CER Vault, Room 123

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 3.75 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Open shelves

Medium: Paper

Scanning Suitability: Series includes handwritten notes.

Duplication: Unknown

Arrangement: Alphabetical by organization

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of correspondence sent from the Oak Ridge Associated Universities and the Oak Ridge Institute of Science and Education to institutions to request vital statistics data for epidemiologic studies. Organizations contacted include credit bureaus, military branches, the National Cancer Institute, the National Death Index, National Technical Information Services, the Oak Ridge Credit Bureau, newspaper obituary departments, and the Veterans Administration.

Data Elements: 6-7, 11

**Death Certificate and Social Security Administration (SSA) Search Records,
1982**

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: 10017

Condition: Fair

Container Number: SS-5-1

Medium: Paper

Scanning Suitability: Series consists of computer-generated reports.

Duplication: Unknown

Arrangement: By facility, thereafter numerical by identification number

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of computer-generated reports concerning X-10, Y-12, K-25, and Tennessee Eastman Corporation employees at Oak Ridge. Information includes employee name; social security, badge, and identification numbers; sex; race; birth, hire, termination, and employment status change dates; department code; and job title. Also included are the results of Social Security Administration and death certificate searches.

Data Elements: 7-8, 16-17, 20-21, 24-25, 28, 53

Death Certificate Data, ca. 1970-1971

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1.81 cu. ft.

Accession or Other ID Number: 10018

Condition: Good

Container Number: BC-9-5, SS-5-2, SS-8-2

Medium: Paper

Scanning Suitability: Series contains handwritten notes and oversized paper.

Duplication: Unknown

Arrangement: None

Originating Office: Graduate School of Public Health, University of Pittsburgh

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of data entry forms used to collect mortality data for the Atomic Energy Commission Health and Mortality Study. Information includes employee social security number, initials and the first two letters of surname, date and place of death, coded cause of death, place of residence, date and place of birth, institution code, veteran status, and name of physician verifying death. Some forms include information on other health conditions and surgical procedures performed. The forms in SS-5-2 pertain to Oak Ridge workers.

Data Elements: 7, 11, 17-18, 31, 54-56

Death Certificate Retrieval Office Correspondence, 1978-1982

Location: Active:
Inactive: ORISE, CER Vault, Room 123

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 7.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Records are on open shelves located along the back wall.

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: By state

Originating Office: Energy Research and Development Administration and Department of Energy; Death Certificate Retrieval Office and Center for Epidemiologic Research of Oak Ridge Associated Universities and ORISE

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series contains correspondence from the Death Certificate Retrieval Office to individual state agencies responsible for maintaining vital statistics records requesting death certificates for the Health and Mortality Studies of atomic workers and radiation incident survivors.

Data Elements: 6

Death Certificates and Employee Data Sheets, ca. 1948-Current

Location: Active:
Inactive: ORISE, CER Vault, Room 119

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access restricted facility.

Volume: 135 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Records are in four adjacent sets of compact shelving.

Medium: Paper

Scanning Suitability: Suitable

Duplication: Originals are located in state offices.

Arrangement: Numerical by control number

Originating Office: Various state offices

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of death certificates for Atomic Energy Commission, Energy Research and Development Administration, and Department of Energy employees and contractor employees. Information in the certificates includes name, social security number, other names used, address and phone number, marital status, spouse's name, employee number, date and place of birth, sex, race, hire and termination dates, occupation, date and cause of death, and place of death. Also included are names of hospitals and attending physicians at time of death. Death certificates are in jackets that list information such as employee name, social security number, and birthdate, and date and state from which the death certificate was received. A computer-generated report indicates workers' dates of employment, job titles, and work location codes.

Data Elements: 7-13, 16-18, 20-21, 23, 24-25, 28, 53-56, 58

Demographic and Mortality Analysis, 1982

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Record is unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.12 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: BC-9-5

Medium: Paper

Scanning Suitability: Series consists of an oversized computer-generated report.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of a computer-generated report of an analysis of demographic and mortality data. Personal information includes race, sex, age, and hire and termination dates collected for the Department of Energy Health and Mortality Study. Information is grouped into age cohorts of 5 year intervals, ranging from 15 to 104. For each age group, the number of persons hired each year since 1943 is provided. Data is analyzed in terms of years of exposure and for all causes of mortality, including cancer, cardiovascular heart disease, accidents, and homicide.

For related records, see IV. **Electronic Records, Documentation, 1978-1992.**

Data Elements: 20-21, 24-25, 55

Mortality Statistics, 1977

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.12 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: BC-9-5

Medium: Paper

Scanning Suitability: Series consists of a computer-generated report.

Duplication: Unknown

Arrangement: None

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of a computer-generated report of all causes of death among nuclear workers who died between 1943-1977. This information was recorded for the Department of Energy Health and Mortality Study.

Data Elements: 55

Oak Ridge Population Select Mortality Report, 1974

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Record is unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 0.06 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: BC-9-6

Medium: Paper

Scanning Suitability: Series consists of a computer-generated report.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of a computer-generated report identifying the names, job locations, and occupational exposures of deceased Oak Ridge workers. Information includes employee social security number, name, date of birth, sex, race, plant, and exposure to hazards such as nickel, mercury, lead, beryllium, and "MOCA."

For related records, see series listed under IV. Analysis Files, Oak Ridge, K-25 Facility; Analysis Files, Oak Ridge, X-10 Facility; Analysis Files, Oak Ridge, Y-12 Facility; Raw Data Files, Oak Ridge, K-25 Facility; Raw Data Files, X-10 Facility; and Raw Data Files, Y-12 Facility.

Data Elements: 7-8, 17, 20-21, 31, 77

Social Security Administration (SSA) Death Lists, 1974-1988

Location: 1. Active:

Inactive: ORISE, CER Vault, Room 123

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 6.37 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Records are on 10 open shelves in the far right-hand corner.

Medium: Paper

Scanning Suitability: Series consists of computer-generated reports.

Duplication: Unknown

Arrangement: Chronological

Originating Office: Social Security Administration

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of computer-generated reports from the Social Security Administration. Information includes employee social security numbers, names, and death dates; locations where social security claims were filed; and status of claims.

Data Elements: 7-8, 11, 54, 56-57

State Death Certificate Indexes, 1908-1989

Location: Active:
Inactive: ORISE, CER Vault, Room 123

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 1.12 cu. ft. of microfiche; 9 cu. ft. of microfilm

Accession or Other ID Number: None

Condition: Good

Container Number: Records are in the cabinet at the end of the middle shelving unit.

Medium: Paper, microfiche, and microfilm

Scanning Suitability: Series contains microfiche and microfilm.

Duplication: Unknown

Arrangement: Varies; series volumes are numerical by volume number; microfilm and microfiche are by state, thereafter alphabetical by name.

Originating Office: Various state offices

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series contains paper, microfiche, and microfilm copies of Death Certificate Indexes. Personal information includes social security number, name (including maiden and other names), address, phone number, marital status, spouse's name and address, birthdate, birthplace, sex, race, educational level, death certificate date, date and cause of death, and place of death.

Data Elements: 7-13, 17-18, 20-23, 53-56

Personnel Security Questionnaires (PSQs), ca. 1940s-1978

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 690 microfilm cartridges

Accession or Other ID Number: None

Condition: Fair

Container Number: GAMF 4260-5785, LF-2 (noninclusive)

Medium: Microfilm

Scanning Suitability: Series contains microfilm with handwritten notes and blurry print.

Duplication: Originals are currently located in the ORISE warehouse.

Arrangement: Alphabetical by name

Originating Office: Los Alamos National Laboratory

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series consists of microfilm copies of Personnel Security Questionnaire forms received by the Center for Epidemiologic Research from Los Alamos National Laboratory in the late 1980s. This series includes questionnaires for contract employees at the following facilities: Los Alamos, Rocky Flats, Nevada Test Site, Sandia Base, Medina Facility, Pinellas Plant, Pantex Plant, United States Naval Ordnance Test Facility, Mound Laboratory, Oak Ridge Operations, Nevada Operations, Idaho Operations, San Francisco Operations, and DOE Headquarters. Contractors represented in the records include: University of California, Bendix, Douglas Aircraft Company, Dow Chemical Company, Zia Company, and Holmes and Narver.

Data Elements: 7-13, 17-18, 20-23, 28, 30

Personnel Security Questionnaires (PSQs), Inactive Employees, ca. 1949-1992

Location: Active:

Inactive: ORISE, CER Vault, Rooms 125 and 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 302 cu. ft.

Accession or Other ID Number: Room 125: 1) None; Room 129: 2) 10021; 3) 10024; 4) 10045; 5) None

Condition: Good to fair

Container Number: 1) Records are in 218 unnumbered boxes, 100 expandable files, and 22 reading files; 2) SS-5-5, SS-5-6; 3) SS-5-3; 4) SS-15-2; 5) On tops of FC-14 to FC-18; LF-2; LF-5-3; third, fourth, and fifth shelves of file cabinet between LF-7 and LF-8; SS-8-2; SS-8-3; SS-21-1; SS-21-6; SS-22-1; SS-22-6; SS-23-1; SS-23-6; SS-24-5; SS-24-6; SS-25-4 to SS-25-6; SS-26-4 to SS-26-6; SS-27-4 to SS-27-6; SS-28-4 to SS-28-6; in boxes marked PSQs between SS-36 and SS-37

Medium: Paper

Scanning Suitability: Series consists of faded photocopies with handwritten notes and microfilm.

Duplication: Unknown

Arrangement: None

Originating Office: Manhattan Engineer District, Atomic Energy Commission, Energy Research and Development Administration, and Department of Energy

Finding Aids: Vault Inventory Database

Personnel Security Questionnaires (PSQs), Inactive Employees, ca. 1949-1992
(continued)

Disposition Authority: **Unscheduled**

Series Description: This series contains Personnel Security Questionnaires used by the Manhattan Engineer District, Atomic Energy Commission, Energy Research and Development Administration, and the Department of Energy to collect personal information and conduct background investigations for security clearances on facility workers. The forms provide demographic, lifestyle, and medical information, such as names, present and former addresses, employment histories, memberships and affiliations, race, sex, heights, weights, eye and hair colors, places and dates of birth, social security numbers, military service, arrest histories, previous security clearance information, drinking and drug use histories, and spouse information. The series also includes names, residences, and citizenships of relatives. Forms were collected from the Chicago Operations Office, San Francisco Operations Office, Naval Reactors Office-General Electric, Paducah Gaseous Diffusion Plant, Oak Ridge National Laboratory, National Lead of Ohio (Fernald), Bettis Atomic Laboratory, Nevada Operations Office, Atomic Energy Commission Headquarters, Richland Operations Office, Savannah River Operations Office, Pittsburgh Naval Reactors Office, Brookhaven, Nevada Operations Office, Mallinckrodt Chemical Works, and Harshaw.

Microfilmed questionnaires from 1940 to 1978 from the Nevada Test Site, Oak Ridge, Idaho National Engineering Laboratory, San Francisco Operations Office, and Atomic Energy Commission Headquarters are located in LF-2.

Data Elements: 7-13, 16-18, 20-24, 28, 30, 37, 44

Security Clearance Investigation Status Reports, 1973-1975

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 2 cu. ft.

Accession or Other ID Number: None

Condition: Good to fair

Container Number: Box labeled 110 next to BC-15

Medium: Paper

Scanning Suitability: Series contains handwritten notes and colored paper.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Operations Office

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This series includes status reports of security investigations of employees, mainly from Oak Ridge. Information includes requests for reinvestigation, name changes, and corrections.

Data Elements: 8, 16

IV. ELECTRONIC RECORDS

Computer Graphics Software Documentation, 1984

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 0.06 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: BC-19-1

Medium: Paper

Scanning Suitability: Series contains
faded records.

Duplication: Unknown

Arrangement: None

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of instructions for computer graphics programs used by the Center for Epidemiologic Research. Programs include Mapper, which runs at the X-10 and K-25 Plants and is used to prepare high-quality visuals; Cuetip, which supplements the information found in the Cuechart interactive graphics software user manual; and Plot Command, a program used to process graphics metafiles onto a variety of plotting devices at Oak Ridge National Laboratory and the K-25 Oak Ridge Gaseous Diffusion Plant.

Data Elements: None

Database Merge Files, 1983, 1985-1987

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 13.5 cu. ft.

Accession or Other ID Number: Merge request number 1-1304

Condition: Good

Container Number: LF-11-2 to LF-11-5,
LF-12-1 to LF-12-3

Medium: Paper

Scanning Suitability: Series contains faded computer-generated reports.

Duplication: Unknown

Arrangement: Numerical by merge request number

Originating Office: Oak Ridge Associated Universities

Finding Aids: Vault Inventory Database

Disposition Authority: Unscheduled

Series Description: This record series consists of computer-generated reports of database merges run to eliminate data duplication. Files were matched across the database by employee identification numbers and merged when two or more files existed for an individual employee. The database covers 115 locations, worker groups, and studies. File titles may include employee name, pay code, badge number, job, death certificate roster, and history. Fields include record, badge, identification, and social security numbers; death certificate, hire, and death dates; pay grade; department code; and job code and title.

Data Elements: 7-9, 16, 24, 28, 53-54

John D. Dingell Database Index, ca. 1978-1992

Location: Active:
Inactive: ORISE, CER Vault, Room 129

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 0.25 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Fourth shelf of second
of four adjacent bookshelves.

Medium: Paper

Scanning Suitability: Series consists of
computer-generated reports.

Duplication: Some
duplication may occur in
the CER program database
file titled Dingle [sic].

Arrangement: Numerical by document number

Originating Office: Oak Ridge Associated Universities and ORISE

Finding Aids: Oak Ridge Associated Universities/ORISE Reference and Research Database

Disposition Authority: Unscheduled

Series Description: This index contains computer-generated bibliographic entries for letters, memoranda, reports, and journal articles in the John D. Dingell collection concerning Center for Epidemiologic Research epidemiologic studies. Entries include document number and type, author, title, "to" designation, date, study, and a description of the item. Study titles include: Nickel; Mercury; Centrifuge; 4-Site: TEC, Y-12, Mallinckrodt, Fernald; Y-12/Beryllium; ORFCOM (X-10, K-25, Y-12, TEC, ANL); IARC [International Agency for Research on Cancer]; X-10; Checkoway Hematologic Malignancies; Oak Ridge Electrical Workers; Mortality Comparisons of Males; Y-12/TEC; Phogene; Multiple; Sheet Metal (Y-12); Five Rem; Chemical Operators; Gilbert Combined (Hanford, ORNL, Rocky Flats); Cookfair-TEC Lung Cancer; Welders (X-10, Y-12, K-25); ABD Elghany; Health and Mortality Study; Carpenter-Brain Cancer (TEC, Y-12, K-25, X-10); Oak Ridge; Wing/Checkoway-X-10; K-25; and Checkoway/Y-12.

For related records, see III. Administrative, John D. Dingell File Notebooks, 1977-1991.

Data Elements: None

Dosimetry Data Documentation, 1985-1992

Location: Active: ORISE CER, Room 224
Inactive:

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 1 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: None

Medium: Paper

Scanning Suitability: Series includes over-sized records.

Duplication: Unknown

Arrangement: By facility, thereafter by the type of exposure data, thereafter chronological by date of last entry

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities and ORISE

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of documentation for electronic files containing raw dosimetry data for workers at the Y-12, X-10, and K-25 Plants at Oak Ridge National Laboratory and at the Savannah River and Fernald sites. Documentation is arranged by type of test or exposure, and categories include air sampling, whole body count dosimetry, urinalysis, and film badge readings. This series contains lists of file names and information about each file, including block size, record count, tape number, and inclusive dates. The Oak Ridge dosimetry is a "flat file" on tape. Series also includes file layouts, memoranda concerning file linkages, correspondence from Martin Marietta Energy Systems, Inc., concerning the Oak Ridge data, and records that address the application of ORACLE tables to data from Fernald and Savannah River.

For related records, see series listed under IV. Raw Data Files.

Data Elements: None

Electronic Data Corrections Documentation, 1983-1993

Location: Active: ORISE, CER, Room 224
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Volume: 37.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Series includes faded records and handwritten notes.

Duplication: Unknown

Arrangement: Numerical by correction identification number

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities and ORISE

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series documents corrections to electronic data for all Center for Epidemiologic Research (CER) studies. The CER computer system automatically flags inconsistent data, such as different social security numbers occurring for an individual, missing job codes, and data entered incorrectly or failing to match other data in the system. The system assigns a number to each inconsistency and produces computer-generated reports of the errors. These reports may also contain handwritten notes and corrections from CER staff.

Data Elements: 7-8, 17, 20-21, 24, 28, 58

Electronic Records Documentation, 1978-1992

Location: Active: ORISE, CER, Room 224
Inactive:

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Series includes over-
sized computer-generated reports.

Duplication: Unknown

Arrangement: By study

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities
and ORISE

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of binders of documentation for electronic data files and programs pertaining to specific studies. The series includes documentation for a study of Linde Air Products Company Ceramics Plant workers; a study of ill-defined causes of death; the K-25 Centrifuge Worker Study; the Five Rem Study; and Phases I and II of the Oak Ridge Facility Comparison Study of World War II workers. The series includes computer-generated reports of programs written for data analysis; data flow diagrams; file descriptions; and computer-generated data runs, some containing personal identifiers.

For related records, see series listed under II. Gas Centrifuge Workers Study; Five Rem Study; IV. Analysis Files, Oak Ridge, K-25 Facility, Centrifuge Workers Study Data, 1990-1992; Analysis Files, Five Rem Study; and "Ill-Defined Causes of Death" Study Data.

Data Elements: 7-8, 17, 20-21, 28

Site Notebooks, 1976-1990

Location: Active: ORISE, CER, Room 224
Inactive:

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 17.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Series includes faded
photocopies.

Duplication: Unknown

Arrangement: Alphabetical by site, project, or company

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of binders of correspondence, memoranda, research plans, lists of variables, codes, and data flow diagrams documenting data submitted to the Center for Epidemiologic Research by a particular site or contractor. Internal memoranda document activities of the computer staff concerning the electronic data sets, file merges, and data linkages. The series documents approximately 38 sites, organizations, and projects, including the Hanford site, Idaho National Engineering Laboratory, the Lymphatic Cancer project, Brookhaven National Laboratory, National Lead of Ohio, and Knolls Atomic Power Laboratory.

For related records, see series listed under **I. Hanford Site.**

Data Elements: 7-8, 11

Software Manuals, c. 1977-1990

Location: Active: ORISE, CER, Room 224
Inactive:

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 27 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Suitable

Duplication: These are published documents available through software manufacturers.

Arrangement: By software package, operating system, or programming language

Originating Office: Hardware and software manufacturers

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of manufacturers' manuals for the OS/VM operating system and for various programming languages and software programs, including Fortran, SAS, COBOL, P:Sort, and ORACLE. The series also contains programmers' guides, language manuals, code and command information, and other reference materials.

Data Elements: None

System Software Documentation, 1979-1992

Location: Active: ORISE, CER, Room 224
Inactive:

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Volume: 10.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Series includes
handwritten notes and oversized records.

Duplication: Unknown

Arrangement: Alphabetical by subject

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities
and ORISE

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of 64 binders of documentation for software programs. Records include *Requests for Data Model Load*; computer-generated load memoranda and program runs; *Load To Data Model* forms; task descriptions; and internal memoranda concerning programming activities. Also included are letters to state and other government agencies requesting data for specific database systems, including the Vital Status-Follow Up System.

Data Elements: None

Oak Ridge Associated Universities (ORAU)/ORISE Reference and Research Database, 1960-Current

Location: ORISE, CER, Room 106

Access Restrictions: Records are unclassified; ORISE is an access-restricted facility.

Location of Codebooks and Manuals: A Procite manual is stored near the computer.

System Control or Other ID No.: None

Location/Volume of Storage Media: Backups are made whenever information is added to the database and kept on 3.5 inch floppy disks in the lower drawer of the computer desk.

Hardware/Software: Dell 386 PC/Procite Personal Bibliographic Software Version 2.03B8

Office/Program Supported by the System: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

System Description: Reference and research databases are maintained with Procite software. There are four separate databases, named CERBERY, CERDOCS, and CERERF, and DINGLE. Each database contains correspondence, journal and newspaper articles, technical reports, conference proceedings, and documents pertaining to studies conducted by the Center for Epidemiologic Research. Documents cover a wide variety of topics pertaining generally to epidemiology and more specifically to beryllium exposure and toxicity. Staff members regularly contribute materials to the database.

Data Elements: None

Vault Inventory Database, 1990-Current

Location: ORISE, CER, Room 106

Access Restrictions: Database is unclassified but may contain incidental personnel identifiers covered under a Privacy Act System of Records; ORISE is an access-restricted facility.

Location of Codebooks and Manuals: dBase III+ manual is stored near the computer.

System Control or Other ID No.: None

Location/Volume of Storage Media: Backups are made whenever information is added to the database and kept on 3.5 inch floppy disks in the lower drawer of the computer desk.

Hardware/Software: Dell 386 PC/dBase III+ Software

Office/Program Supported by the System: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

System Description: The Vault Inventory Database is used as a reference resource to locate records pertaining to individual studies that are stored in Room 129. Fields and information include data source (e.g., a facility, an operations office, or the Health and Mortality Study); facility name; facility code; keywords for searching; operations office name; series number; volume; inclusive dates; major subjects subdivided into Personnel, Hazards Assessment, Medical, Operations, Administrative, Research, and Other; author or principle investigator; study title; format; container number; location; and comments. Reports are tailored to fit the needs of each researcher.

Data Elements: None

Fernald Film Badge Data, 1952-1983

File Name: MEDIC.P.MXW1880D.NLO.URINALYS.YRS5283

Tape No.: X18334

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/EBCDIC file format

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: National Lead of Ohio

Disposition Authority: Unscheduled

File Description: This file consists of 131,908 records of external exposure data for National Lead of Ohio employees at the Fernald site from 1952-1983. Data include 28 variables, including employee name, sex, social security number, date of birth, and exposure information.

For related records, see series listed under I. National Lead of Ohio and IV. Documentation, Dosimetry Data Documentation, 1985-1992.

Data Elements: 7-8, 17, 20, 59

Fernald Urinalysis Data, 1952-1983

File Name: MEDIC.P.MXW1880D.URINALYS.YRS5283

Tape No.: X17279

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/EBDIC file format

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: National Lead of Ohio

Disposition Authority: Unscheduled

File Description: This file contains 138,724 records of internal exposure data for employees of National Lead of Ohio at the Fernald site from 1952-1983. Information includes employee name, badge number, plant number and area, job code, gender, and exposure rates.

For related records, see series listed under I. National Lead of Ohio and IV. Documentation, Dosimetry Data Documentation, 1985-1992.

Data Elements: 7-8, 16-17, 28, 31, 68

Oak Ridge, K-25 Facility, Air Sampling Data, 1945-1982

File Name: 1) K25.ENVIR.AIR.IH
2) K25.RAD.AIR.DATA

Tape No.: 1) X12976
2) X17361

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/EBCDIC file format

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Union Carbide Corporation; Martin Marietta Energy Systems, Inc.

Disposition Authority: Unscheduled

File Description: File K25.ENVIR.AIR.IH contains air sampling data for K-25 from 1945 to 1973. The 48,321 records in this file include variables such as sample date, time, building number and area location, type, chemical compound, concentration, units of measure, and comments. File K25.RAD.AIR.DATA contains 2,621 records for the years 1958 to 1982. Variables include sample date, building and room locations, quantity, and average concentration.

For related records, see IV. Documentation, Dosimetry Data Documentation, 1985-1992.

Data Elements: 83

Oak Ridge, K-25 Facility, Film Badge Data, 1945-1991

File Name: K25FB.4591LINK

Tape No.: CER542

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/EBCDIC

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Union Carbide Corporation; Martin Marietta Energy Systems, Inc.

Disposition Authority: Unscheduled

File Description: This file contains external exposure information for workers at K-25 from 1945 to 1991. The 218,456 records include variables such as workers' names, birthdates, social security numbers, skin dose data, and beta and gamma exposures.

For related records, see series listed under I. Oak Ridge Reservation, Oak Ridge Operations and IV. Documentation, Dosimetry Data Documentation, 1985-1992.

Data Elements: 7-8, 17, 31, 59

Oak Ridge, K-25 Facility, Urinalysis Data, 1948-1988

File Name: K25URIN.4888LINK

Tape No.: CER532

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/EBDIC file format

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Union Carbide Corporation; Martin Marietta Energy Systems, Inc.

Disposition Authority: Unscheduled

File Description: This file contains urinalysis results showing the internal exposure of employees at K-25 from 1948 to 1988. The file consists of 445,451 records with variables such as analysis type, test results, sampling frequency, and employee personal and work history information, including name, social security number, work area, and division.

For related records, see series listed under I. Oak Ridge Reservation, Oak Ridge Operations; III. Administrative; and IV. Documentation, Dosimetry Data Documentation, 1985-1992.

Data Elements: 7-8, 31, 68

Oak Ridge, K-25 Facility, Whole Body Count Data, 1965-1991

File Name: 1) K25WBC.LINK6588
2) K25.WBC8991.DATA

Tape No.: 1) CER439
2) CER529

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/EBCDIC file format

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Union Carbide Corporation; Martin Marietta Energy System, Inc.

Disposition Authority: Unscheduled

File Description: These files consist of internal exposure data for workers at K-25. File K25WBC.LINK6588 contains 3,106 records of lung dosimetry data from 1965 to 1988. File K25.WBC8991.DATA covers the years 1989 to 1991 and includes 1,136 records. Variables in both files include employee name, social security number, year of birth, sex, physical characteristics (e.g., weight), and exposure data for various substances, including lead, potassium, cesium, and thorium.

For related records, see series listed under I. Oak Ridge Reservation, Oak Ridge Operations; III. Administrative; and IV. Documentation, Dosimetry Data Documentation, 1985-1992.

Data Elements: 7-8, 17, 69, 71

Oak Ridge, X-10 Facility, Air Sampling Data, 1981-1987

File Name: 1) HLF.ORNLAIR.DATA
2) HMS06130.X10BEAIR

Tape No.: 1) CER107
2) X16390

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221, EBCDIC file format

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Union Carbide Corporation; Martin Marietta Energy Systems, Inc.

Disposition Authority: Unscheduled

File Description: The HLF.ORNLAIR.DATA file contains 93,443 records of air sampling data from 1981 to 1987 for X-10. Variables include area code, monitoring number, building, area or room, sampling start and end dates, and year of sample. File HMS.06130.X10BEAIR contains 10,035 records. Variables are unclear but may pertain to beryllium levels in the air.

For related records, see series listed under I. Oak Ridge Reservation, ORNL and IV. Documentation, Dosimetry Data Documentation, 1985-1992.

Data Elements: 83

Oak Ridge, X-10 Facility, Beryllium Workers Exposure Data, ca. 1988

File Name: 1) ORNL.BER.WORKER
2) OSO.XBEIDENT.ADDR

Tape No.: 1) X08315
2) ORNLBE

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/EBCDIC file format

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Union Carbide Corporation; Martin Marietta Energy Systems, Inc.

Disposition Authority: Unscheduled

File Description: The file ORNL.BER.WORKER contains 610 records of exposure information for beryllium workers at the X-10 facility. Variables include employee social security and badge numbers, last name, and initials; plant; and material code. File OSO.XBEIDENT.ADDR is a list of beryllium workers sampled by the Industrial Hygiene Department at Martin Marietta Energy Systems. Variables include employee name, address, date of birth, job title, contaminant measured, and employment status as of November 30, 1988.

For related records, see series listed under II. **Beryllium, Workers Enhanced Medical Surveillance Program** and IV. **Documentation, Dosimetry Data Documentation, 1985-1992.**

Data Elements: 7-8, 11, 16-17, 28, 31, 75

Oak Ridge, X-10 Facility, Film Badge Data, 1943-1991

File Name: 1) X104388.FBLINK
2) X10.TLD.UNLINKED

Tape No.: 1) CER404
2) CER526

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/EBCDIC file format

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Oak Ridge National Laboratory; Union Carbide Corporation; Martin Marietta Energy Systems, Inc.

Disposition Authority: Unscheduled

File Description: These files contain external exposure data for workers at the X-10 facility. The file X104388.FBLINK contains data for the years 1943 to 1988 and consists of 712,786 records. The file X10.TLD.UNLINKED contains data for the years 1989 to 1991 and consists of 90,894 records. Variables include employee name, social security number, sex, sample date, and external dose.

For related records, see series listed under I. Oak Ridge Reservation, Oak Ridge Operations and Oak Ridge Reservation, ORNL and IV. Documentation, Dosimetry Data Documentation, 1985-1992.

Data Elements: 7-8, 20, 62, 65

Oak Ridge, X-10 Facility, Urinalysis Data, 1951-1988

File Name: URN.X105188.W.DEPT

Tape No.: CER408

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/EBCDIC file format

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Union Carbide Corporation; Martin Marietta Energy Systems, Inc.

Disposition Authority: Unscheduled

File Description: This file contains 104,381 records pertaining to urinalysis tests for X-10 employees. Data collected from 1951 to 1988 includes radioactivity in counts and disintegrations. Personal identifiers in the file include employee names and social security numbers.

For related records, see IV. Documentation, Dosimetry Data Documentation, 1985-1992.

Data Elements: 7-8, 68

Oak Ridge, Y-12 Facility, Air Sampling Data, 1954-1980

File Name: Y12BERYL.AIR
Y12THORIUM.AIR
Y12MERCURY.AIR
Y12URANIUM.AIR

Tape No.: CER153

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Hardware/Software: IBM
9221/EBCDIC file format

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Union Carbide Corporation; Martin Marietta Energy Systems, Inc.

Disposition Authority: Unscheduled

File Description: These files contain air sampling data for beryllium, thorium, mercury, and uranium. Data for Y12BERYL.AIR were collected from 1960 to 1980, and data in Y12MERCURY.AIR are from 1954 to 1963.

For related records, see IV. Documentation, Dosimetry Data Documentation, 1985-1992.

Data Elements: 83

Oak Ridge, Y-12 Facility, Film Badge Data, 1948-1991

File Name: 1) MEDIC.P.MXW18396.PRE50YFB.51D
2) Y12FB5088.LINKED
3) (Y12.TLD.UNLINKED)

Tape No.: 1) X13666
2) CER510, 3) CER526

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/EBCDIC file format

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Union Carbide Corporation; Martin Marietta Energy Systems, Inc.

Disposition Authority: Unscheduled

File Description: These files contain external exposure data from film badges worn by employees at the Y-12 facility. File MEDIC.P.MXW18396.PRE50YFB.51D consists of 3,616 records of data for the years 1948 to 1949. The file Y12FB5088.LINKED contains 520,354 records from 1950 to 1988. Data in (Y12.TLD.UNLINKED) are from 1989 to 1991 and appear in 138,331 records.

For related records, see series listed under I. Oak Ridge Reservation, Oak Ridge Operations and IV. Documentation, Dosimetry Data Documentation, 1985-1992.

Data Elements: 7-8, 31, 59, 65,

Oak Ridge, Y-12 Facility, Urinalysis Data, 1950-1988

File Name: Y125088.URINLINK

Tape No.: CER366

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/EBCDIC file format

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Union Carbide Corporation; Martin Marietta Energy Systems, Inc.

Disposition Authority: Unscheduled

File Description: This file contains 479,446 records of urinalysis data for employees at Y-12 from 1950 to 1988. Variables include test results and employee names and social security numbers.

For related records, see series listed under I. Oak Ridge Reservation, Y-12 Plant; III. Administrative; and IV. Documentation, Dosimetry Data Documentation, 1985-1992.

Data Elements: 7-8, 68

Oak Ridge, Y-12 Facility, Whole Body Count Data, 1961-1991

File Name: 1) Y126188.WBCLINK
2) Y12WBC8991.DATA

Tape No.: 1) CER 363
2) CER 529

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/EBCDIC file format

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Union Carbide Corporation; Martin Marietta Energy Systems, Inc.

Disposition Authority: Unscheduled

File Description: These files contain whole body count information pertaining to workers at Y-12. File Y126188.WBCLINK contains 66,274 records from 1961 to 1988. File Y12WBC8991.DATA contains 34,378 records from 1989 to 1991. Variables include workers' names, social security numbers, dates of birth, sex, and physical characteristics (e.g., weights); exposure levels; types of analyses; lung burdens; and test results for various substances.

For related records, see series listed under I. Oak Ridge Reservation, Oak Ridge Operations and IV. Documentation, Dosimetry Data Documentation, 1985-1992.

Data Elements: 7-8, 17, 20, 69

Savannah River Film Badge Data, 1952-1978

File Name: SRP2.DAT
SRP4.DAT
SRP6.DAT
SRP7.DAT
SRP8.DAT
SRP9.DAT

Tape No.: X21475

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/EBCDIC file format

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: E. I. du Pont de Nemours and Company; Westinghouse Savannah River Company

Disposition Authority: Unscheduled

File Description: These raw data files contain film badge readings for employees at the Savannah River Plant from 1952 to 1978.

For related records, see series listed under I. Savannah River Plant; III. Administrative; and IV. Documentation, Dosimetry Data Documentation, 1985-1992.

Data Elements: 62

Savannah River Urinalysis Data, 1955-1991

File Name: W18801.SRP.HPAREH
18801.SRP.BIOMAST
8801.SRP.SAL.DATA

Tape No.: X19484

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/EBCDIC file format

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: E. I. du Pont de Nemours and Company; Westinghouse Savannah River Company

Disposition Authority: Unscheduled

File Description: These files document the internal exposure of employees at the Savannah River Plant from 1955 to 1991. Variables include personal information about each worker, including name, social security number, employee number, birth data, employment status, and exposure levels.

For related records, see series listed under I. Savannah River Plant; III. Administrative; and IV. Documentation, Dosimetry Data Documentation, 1985-1992.

Data Elements: 7-8, 16-17, 68-69

Savannah River Whole Body Count Data, 1950-1987

File Name: HPAREH.MASTER

Tape No.: Unknown

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/EBCDIC file format

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: E. I. du Pont de Nemours and Company; Westinghouse Savannah River Company

Disposition Authority: Unscheduled

File Description: This is the master file for the Health Protection Annual Radiation Exposure History file. Data collected from 1950 to 1987 include exposure information for employees at the Savannah River Plant. Variables include personal information about each worker, including name, social security number, employee number, birthdate, employment status, and activity of various nuclides. Data from this file are also located in three Statistical Analysis System (SAS) data sets (named HPAREB1, HPAREB2, and HPAREB3) on the tapes SRPHP1 and SRPHP2. Together, the SAS data sets include 29,770 records.

For related records, see series listed under I. Savannah River Plant; III. Administrative; and IV. Documentation, Dosimetry Data Documentation, 1985-1992.

Data Elements: 7-8, 16-17, 59-60

Data Correlation Files

File Name: ERROR
FIXED
MERGE

Tape No.: Not Applicable

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/ORACLE database management system

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: These files track data discrepancies and resolutions in the Center for Epidemiologic Research's (CER) electronic files.

The ERROR file is used to ensure that data files do not contain erroneous data. Variables include a CER identification number for each worker, facility code, name of the program detecting the error, and three comment fields. The file contains 75,074 records.

The FIXED file consists of data errors occurring in files compiled by the CER. The file contains 23,818 records and includes information such as CER identification number, facility code, name of the program detecting the error, dates when the error was detected and fixed, error code, source, and three comment fields.

The MERGE file serves to track individuals initially assigned two or more identification numbers which were subsequently merged into one number. Variables include merge request number, date the CER identification numbers were merged, status of merge, and person making the request.

For related records, see IV. Documentation, Electronic Data Corrections Documentation, 1983-1993.

Data Elements: None

General Badge Number Data

File Name: BADGNO

Tape No.: Not Applicable

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/ORACLE database management system

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: This file consists of badge numbers for workers at Department of Energy facilities. The file contains 202,275 records, and variables include employee badge numbers, Center for Epidemiologic Research codes, and facility names.

For related records, see series listed under III. Administrative.

Data Elements: 16, 31

General Study Data

File Name: DEPTCD
EMP
JOB
MR
NAME

Tape No.: Not Applicable

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/ORACLE database management system

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: These files consist of personal and work history data for employees at numerous Department of Energy facilities. The DEPTCD file contains 372,605 records. Variables include employee Center for Epidemiologic Research (CER) numbers, department codes and their effective dates, and facility and plant codes.

The EMP file consists of 393,204 records. Variables include employee CER identification numbers, facility codes, hire and termination dates, and employment status (i.e., as active or terminated).

The JOB file contains 377,533 records with the following variables: worker CER identification numbers, job title codes and effective dates, and facility codes.

The MR file consists of 429,344 records. Variables include employee identification numbers, sex and race codes, exact or estimated birthdates, and locations.

The NAME file contains 469,867 records. Variables include employee names and sources of employee information.

Data Elements: 8, 16-17, 20-21, 24-25, 28, 31

General Mortality Data

File Name: SDB.DEATH

Tape No.: Not Applicable

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/ORACLE database management system

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: This database file contains 65,967 records of data pertaining to the mortality of workers in Department of Energy facilities, with dates of death ranging from the early 1940s to 1992. Several records with 1993 and 1994 death dates may also be included. Since this is an active file, it may eventually include even more recent mortality information. Variables include assigned worker identification numbers, death dates, immediate and underlying causes of death coded according to the International Classification of Diseases, revisions 8 and 9 (ICD8 and ICD9), status of ICD coding, verification status, industries, states of death, and comments.

For related records, see series listed under III. Mortality.

Data Elements: 16, 54-55

General Salary Data

File Name: PAYCD

Tape No.: Not Applicable

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/ORACLE database management system

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: This file contains 186,436 records of salary information for workers employed at a number of Department of Energy sites. Variables include assigned worker identification numbers, facility and pay codes, and dates when pay codes became effective.

Data Elements: 16, 31

General Social Security Data

File Name: KEY

Tape No.: Not Applicable

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/ORACLE database management system

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: This file links worker identification numbers assigned by the Center for Epidemiologic Research (CER) to social security numbers. Variables include CER identification numbers, social security numbers, and sources of social security number information. The file consists of 435,805 records.

Data Elements: 7, 16

General Vital Status Data

File Name: MVITAL

Tape No.: Not Applicable

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software: IBM 9221/ORACLE database management system

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: This file contains 768,439 records of personal information about employees at Department of Energy facilities. Variables include worker identification numbers, agencies (sources) supplying the information in the file, years submissions were made, sequential submission numbers for each year, and states which provided vital status data.

Data Elements: 16, 58

Brain Cancer Study Data

File Name: CHEM10.AUCBRN2
CHEMNEW.AUCBRN2
CHEMALL.AUCBRN2
CHEM10.AUCBRN1
CHEM15.AUCBRN1
CHEMALL.AUCBRN1
THESIS.AUCBRAIN
CHMLN10.AUCBRAIN
ALLCM2A.AUCBRAIN
ALLCM2C.AUCBRAIN
ALLCM2D.AUCBRAIN
CHEMLN.AUCBRAIN

Tape No.: SLI001

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: These data files pertain to a brain cancer study conducted by a former staff epidemiologist at the Center for Epidemiologic Research. Study documentation which supports these data files is not available from the Center for Epidemiologic Research. Results of the study were published in the *American Journal of Public Health* 77(9) (September 1987): 1180-1182, and in the *Journal of Occupational Medicine* 29(7) (1987): 601-604.

For related records, see series listed under IV. **Documentation.**

Data Elements: 17, 27, 38, 54-55, 59, 62, 68, 75

Fernald Employee Respiratory Disease Study Data

File Name: 1) FIRST.WRMNLO
CHRONIC.WRMNLO
X1DX0711.WRMNLO
X1DX0712.WRMNLO
X1DX0714.WRMNLO
NLOFILE.WRMNLO
ACUTE.WRMNLO
2) PRELIM09.WRMNLO
CHRONICX.PPWNLO

Tape No.: 1) SLI001
2) SLI005

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: These files contain data concerning acute and chronic respiratory diseases among Fernald employees. Information includes causes of death among former employees, their birthdates, ages at the onset of the disease, and the substances to which they were exposed.

For related records, see series listed under I. National Lead of Ohio.

Data Elements: 17, 20-21, 55, 58, 75

Fernald Workplace Data

File Name: 1) JOBTITLE.JEROMNLO
2) NLOSAM.NLO
3) RISKSMPLJPWNLO

Tape No.: 1) SLI001
2) SLI003, 3) SLI005

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: Files JOBTITLE.JEROMNLO and RISKSMPLJPWNLO contain information for workers of National Lead of Ohio at the Feed Materials Production Center near Fernald, Ohio. File NLOSAM.NLO consists of 406 records linking individual workers, identified by database identification numbers, to their actual or estimated birthdates.

For related records, see series listed under I. National Lead of Ohio.

Data Elements: 16-17, 24

Five Rem Study Contact Data

File Name: CONTACT.SEACON

Tape No.: SLI007

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: This file consists of data pertaining to proxy contacts for deceased workers. The file includes 896 records with 12 variables. Information includes employee name and address, a contact person's telephone number and relationship to the worker, and the database identification number for the worker.

For related records, see series listed under II. Five Rem Study.

Data Elements: 7, 11

Five Rem Study Employment History Data

File Name: TESTS.SEACON
FACILITY.SEACON
LABOR.SEACON

Tape No.: SLI007

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: These files contain data abstracted from questionnaires completed during the initial phase of the Five Rem Study. Information includes employee work histories, exposure data, labor codes, hire and termination dates, facility locations, and film badge information.

For related records, see series listed under II. Five Rem Study.

Data Elements: 24-25, 30-31, 62

Five Rem Study General Study Data

File Name: 1) CLEAN.WRM5REM
REM47A.WRM5REM
REM5.WRM5REM
2) ELL3145.PPW5REM
3) ELLFEM.PPW5REM
ELLOM.PPW5REM
ELLBM.PPW5REM
ELLWM.PPW5REM
WM2514.SAF5REM

Tape No.: 1) SLI005
2) SLI007, 3) SLI009

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: These files support a study of employees at all Department of Energy facilities who experienced radiation exposure of five rems or more. The files contain employee date of birth, sex, race, year of first exposure, facility location, number of years exposed, other facility locations, and vital status.

For related records, see series listed under II. Five Rem Study.

Data Elements: 17, 20-21, 31, 55, 58, 62

Five Rem Study Offspring Data

File Name: CHILDREN.SEACON
BIRTHS.SEACON

Tape No.: SLI007

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified
and may be a Privacy Act System of Records;
ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: These files consist of information about the offspring of exposed workers. Variables include employees' database identification numbers and data about their children, including birth and death years, health problems at birth, vital status, and genders.

For related records, see series listed under II. Five Rem Study.

Data Elements: 17, 20-21, 54, 58

Five Rem Study Patient Treatment Data

File Name: DISEASE.SEACON
ICDA.SEACON
HEALTH.SEACON
RADIATIO.SEACON
HOSPIT.SEACON

Tape No.: SLI007

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: These files contain data abstracted from questionnaires completed during the initial phase of the Five Rem Study. Information pertains to the hospital treatment of former Department of Energy employees, including names of attending physicians, diagnosis dates, and morbidity coded according to the International Classification of Diseases.

For related records, see series listed under II. Five Rem Study.

Data Elements: None

Five Rem Study Questionnaire Response Data

File Name: SEAINV.SEACON

Tape No.: SLI007

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: This file consists of 900 records with 113 variables containing responses to a questionnaire used during the "search and contact" phase of the Five Rem Study.

For related records, see series listed under **II. Five Rem Study.**

Data Elements: 7, 20, 24-25, 31

Five Rem Study SEACON Participant Data

File Name: PILOTIDS.SEACON
PART2IDS.SEACON

Tape No.: SLI007

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: These files consist of a list of identification numbers assigned to individuals participating in the "search and contact" (SEACON) phases of the Five Rem Study. File PILOTIDS.SEACON contains 302 records, and file PART2IDS.SEACON contains 598 records. The files pertain to two groups of employees contacted and interviewed by epidemiologists using the same questionnaire. If the worker was deceased, a follow-up interview was scheduled with a proxy.

For related records, see series listed under II. Five Rem Study.

Data Elements: None

Five Rem Study Smoking Data

File Name: BRANDS.SEACON

Tape No.: SLI007

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: This file contains data abstracted from questionnaires completed by workers or their proxies for the initial phase of the Five Rem Study. The file consists of 1,162 records with 5 variables, including brands of tobacco used by workers, worker database identification numbers, and dates when tobacco use began.

For related records, see series listed under II. Five Rem Study.

Data Elements: 36

Five Rem Study Substance Exposure Data

File Name: SUBSTANC.SEACON

Tape No.: SLI007

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: This file contains data abstracted from questionnaires completed by workers or their proxies for the initial phase of the Five Rem Study. The file consists of 16,133 records and lists exposures to a predefined list of substances. The variables in the file include first and last years of exposure, worker database identification numbers, and substances.

For related records, see series listed under II. Five Rem Study.

Data Elements: 75

"Ill-Defined Causes of Death" Study Data

File Name: ANAL1.ILLDEFDC
ANAL2.ILLDEFDC

Tape No.: SLI009

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: These files include autopsy and personal information for employees of the Oak Ridge facilities, including birth and death dates, marital status, employment histories, and causes of death. Workers included in this file worked at Oak Ridge between 1943 and 1982, and died between 1945 and 1982.

Data Elements: 17, 23, 30, 42, 54

Linde Air Products Company Mortality Study Exposure Data, 1943-1949

File Name: 1) LINEXP.LINDE
2) WHEXP.LINDISRT
WHEXP2.LINDISRT
3) MOSTEXP.SASLINDE

Tape No.: 1) SLI005;
2) SLI003; 3) SLI009

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities

Disposition Authority: Unscheduled

File Description: These files contain radiation exposure information for workers at the Linde Air Products Company Ceramics Plant between 1943 and 1949. Data were used for an article in the *Scandinavian Journal of Work, Environment and Health* 13 (1987): 100-107.

For related records, see series listed under I. Linde Air Products Company Ceramics Plant.

Data Elements: 17, 24, 55, 58

Linde Air Products Company Mortality Study Medical Data, 1943-1949

File Name: 1) WHERABST.LINDISRT
PWLINDE.LINDISRT
PSQMED.LINDISRT
LEXACOM.LINDISRT
ROSTVAL.LINDISRT
2) BAD1169.SALINDE
ANALYSIS.LINDISRT

Tape No.: 1) SLI003
2) SLI005

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities

Disposition Authority: Unscheduled

File Description: These files provide medical information, causes of death, and vital status data for workers at the Linde Air Products Company Ceramics Plant between 1943 and 1949. Data were used for an article in the *Scandinavian Journal of Work, Environment and Health* 13 (1987): 100-107.

For related records, see series listed under I. Linde Air Products Company Ceramics Plant.

Data Elements: 35, 55, 58

Linde Air Products Company Worker Mortality Study Employment Data, 1943-1949

File Name: 1) LINES.LINDE
2) OTHWKHX.LINDISRT
3) ANALYSIS.LINDSRT3

Tape No.: 1) SLI001
2) SLI003, 3) SLI009

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities

Disposition Authority: Unscheduled

File Description: These files contain work history and Personnel Security Questionnaire information about workers of the Linde Air Products Company Ceramics Plant. Data were used for an article in the *Scandinavian Journal of Work, Environment and Health* 13 (1987): 100-107.

For related records, see series listed under I. Linde Air Products Company Ceramics Plant.

Data Elements: 24-25, 31, 58

Mortality Rates

File Name: ORIGINAL.RATES
UPDATED.RATES

Tape No.: SLI005

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified;
ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Harvard University

Disposition Authority: Unscheduled

File Description: These files consist of 55 records of mortality rates for white workers in the United States. Rates are given for a variety of age groups in specific year intervals.

Data Elements: None

Oak Ridge Addresses

File Name: OAKR1991.SASADDR

Tape No.: SLI009

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: This file consists of 63,417 records with 10 variables including addresses, names, and social security numbers of contact persons for all Oak Ridge employees. This file is used to verify the addresses of participants in the K-25 Centrifuge Worker Study, the Y-12 Sheet Metal Worker Study, and the Y-12 Elemental Mercury Study.

For related records, see series listed under II. Gas Centrifuge Workers Study, Y-12 Elemental Mercury Study, and Y-12 Sheet Metal Workers Study.

Data Elements: 7-8, 11

Oak Ridge Facility Combined Mortality (ORFCOM) Study External Exposure Data

File Name: 1) UNCK25FB.ORFCOM
UNCX10DO.ORFCOM
2) UNCX10FB.ORFCOM

Tape No.: 1) SLI007
2) SLI009

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: University of North Carolina, Chapel Hill

Disposition Authority: Unscheduled

File Description: These files contain film badge monitoring data for workers at all Oak Ridge facilities. Data include annual body dose, annual skin dose totals, and years of measurement.

For related records, see series listed under I. **Oak Ridge Reservation, Oak Ridge Operations.**

Data Elements: 17, 24, 27, 31, 55, 62

Oak Ridge Facility Combined Mortality (ORFCOM) Study General Data

File Name: 1) DEMOGR.ORFCOMII
PHASEIB.ORFCOMII
2) MASWM.ORFCOM84

Tape No.: 1) SLI005
2) SLI007

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: These files contain mortality, exposure, and work history data for employees at all Oak Ridge facilities. File DEMOGR.ORFCOMII contains 118,588 records with 17 variables; file PHASEIB.ORFCOMII consists of 28,008 records with 21 variables; and file MASWM.ORFCOM84 contains 79,654 records with 9 variables. All personal identifiers have been removed from the files, and workers are identified through database identification numbers. Information includes causes of death, facilities where employees worked, and dates and length of employment.

For related records, see series listed under I. Oak Ridge Reservation, Oak Ridge Operations.

Data Elements: 24, 27, 31, 55, 58

Oak Ridge, K-25 Facility, Centrifuge Workers Study Data, 1990-1992

File Name: 1) QUESTION.K25CENT
2) QUESTION.K25CENT2

Tape No.: 1) SLI007
2) SLI011

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities and ORISE

Disposition Authority: Unknown

File Description: These files consist of questionnaire responses from participants in the Centrifuge Workers Study. File QUESTION.K25CENT was created in 1990 and consists of 610 records with 536 variables. File QUESTION.K25CENT2 consists of 1,737 records with 742 variables and was created in 1992.

For related records, see series listed under II. Gas Centrifuge Workers Study.

Data Elements: None

Oak Ridge, K-25 Facility, Employee Data

File Name: PRELIM.K25

Tape No.: SLI003

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: This file contains 24,067 records with 13 variables. Information includes personal and work history information, vital statistics, and causes of death codes from the International Classification of Diseases, Eighth Revision.

For related records, see series listed under III. Mortality.

Data Elements: 17, 20-21, 24-25, 55, 58

Oak Ridge, X-10 Facility, Exposure Data

File Name: 1) X1CH0210.UNCX10
X1CH0810.UNCX10
X1CH1201.UNCX10
CUMEXP.UNCX10
2) NAIMA.X10
3) X10ANA1.X10
4) X10ANA4.X10
CUMFB.X10FB
5) X1UPFLAT.UNCX10
X1UPGEN2.UNCX10
6) X1UPJTGB.UNCX10

Tape No.: 1-2) SLI001
3) SLI003, 4) SLI005,
5) SLI007, 6) SLI011

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: 1) University of North Carolina, Chapel Hill; 2-6) Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: These files consist of internal and external exposure data; annual and cumulative film badge readings; personal and job history information; and mortality data, including causes of death.

For related records, see series listed under I. Oak Ridge Reservation, ORNL; Oak Ridge Reservation, Oak Ridge Operations; and III. Mortality.

Data Elements: 17, 20-21, 24-25, 27, 31, 54-55, 58, 60

Oak Ridge, Y-12 Facility, Bioassay Data

File Name: 1) MERANAL2.Y12MERC
VSTAT78.Y12MERC
Y12WMHT.Y12MERC
Y12HT1.Y12MERC
GT1EXP.Y12MERC
MERCURIN.Y12MERC
MERNOTMR.Y12,MERC
MERCURWM.Y12MERC
NOTMRUPD.Y12MERC
MEREARL.Y121MERC
MERADD.Y12MERC
MERANAL.Y12MER
2) NLOURN.Y12SRV

Tape No.: 1) SLI001
2) SLI003

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: These files contain job history and urinalysis data for mercury workers at the Y-12 plant. The files support an epidemiologic study of male employees who were exposed to elemental mercury. File NLOURN.Y12SRV contains urinalysis data for employees at the Y-12 facility and the Savannah River Plant. The files consist of 13,377 records with 27 variables including exposure levels to a number of substances, such as beryllium, lead, and mercury; dates of hire and termination; and employee birthdates, social security numbers, and work locations.

For related records, see series listed under I. Oak Ridge Reservation, Y-12; I. Savannah River; and III. Mortality.

Data Elements: 7-8, 17, 24-25, 30, 35, 68

Oak Ridge, Y-12 Facility, Exposure Data

File Name: 1) LDBEST01.UNCY12
2) Y1ANGE14.UNCY12
Y1ANFB03.UNCY12

Tape No.: 1) SLI003
2) SLI005

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: University of North Carolina, Chapel Hill

Disposition Authority: Unscheduled

File Description: The file LDBEST01.UNCY12 contains lung dose data. File Y1ANGE14.UNCY12 includes work history and personal information, including vital status. File Y1ANFB03.UNCY12 consists of cumulative and annual penetrating doses for the years 1947 to 1979.

For related records, see series listed under I. Oak Ridge Reservation, Y-12 Plant and III. Mortality.

Data Elements: 17, 20-21, 24-25, 55, 58, 69

Radium Dial Painters Study Data

File Name: RADDIAL.SASDATA

Tape No.: SLI005

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: This file contains 972 records with 14 variables, including individual identification number, years of birth and death, year of first radium exposure, type of exposure, and year when tumor was diagnosed.

Data Elements: 16-17, 20, 54, 62

Savannah River Plant General Data

File Name: 1) SRANA4.SAVRIVER
2) DLC9860.SRSANA86

Tape No.: 1) SLI005
2) SLI011

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: Files SRANA4.SAVRIVER and DLC9860.SRSANA86 contain 9,860 records. While variables differ, both files include information concerning vital status and cause of death for employees at the Savannah River Plant. They also include worker information, such as hire dates, employment duration, and salary type (i.e., hourly or salaried).

For related records, see series listed under I. Savannah River Plant.

Data Elements: 17, 24, 27, 55, 58

Sheet Metal Worker Study Data

File Name: QUESTION.SMETAL

Tape No.: SLI011

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: The file consists of 139 records with 940 variables containing responses to questionnaires. The variables are represented by the number of the question from the questionnaire, but no other information concerning the content of the question. (The Sheet Metal Worker Study is unrelated to the Welders Study.)

Data Elements: Unknown

Tatum Salt Dome Study Mortality Data

File Name: LAMAR.SALTDOME

Tape No.: SLI011

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: This file contains 2,251 records containing mortality data. The 28 variables in the file include individual name; social security number; race; sex; death certificate number; age at death; and place, year, immediate cause, and underlying cause of death.

Data Elements: 7-8, 17, 20-21, 53-56

Tennessee Eastman Corporation (TEC) External Exposure Data, 1943-1984

File Name: 1) DLCANLYS.TECLUNG
2) COHORT.TECY12
CUMLDLB.TECY12
DLCLFB.TECY12

Tape No.: 1) SLI005
2) SLI007

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities

Disposition Authority: Unscheduled

File Description: File DLCANLYS.TECLUNG contains external exposure data for employees of the Tennessee Eastman Corporation at Oak Ridge. The files consist of 1,878 records with 39 variables, including diagnoses from physical examination and annual lung doses for the years 1943 to 1952. The files with the name extension .TECY12 contain uranium lung dose estimates based upon available period dependent monitoring (i.e., ambient air, urine, whole body counting), and estimates of penetrating radiation to the whole body as directly read from film badge. Files range in years from 1943 to 1984.

For related records, see series listed under I. Oak Ridge Reservation, Oak Ridge Operations and I. Oak Ridge Reservation, Y-12 Plant.

Data Elements: 17, 24, 31, 35, 54-55, 58, 69

Uranium Dust Lung Cancer Study Employment History Data: Tennessee Eastman Corporation, 1943-1982

File Name: TECONLY.UDUSTELL
TECY12LD.UDUSTELL

Tape No.: SLI011

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities

Disposition Authority: Unscheduled

File Description: These files contain work history information about Tennessee Eastman Corporation (TEC) employees at the Oak Ridge Reservation. Included is personal information such as birth and death dates, vital status, race, gender, and hire and termination dates. File TECY12LD.UDUSTELL consists of calculated lung doses for TEC employees during the years 1943 to 1982.

For related records, see series listed under II. Lung Cancer Case-Control Study.

Data Elements: 17, 20-21, 24-25, 31, 54, 58, 69

Uranium Dust Lung Cancer Study Exposure Data: General, 1942-1982

File Name: 1) CUMEXT.UDUSTELL
2) CIMEXT.UDUSTELL
CUMINT.UDUSTELL
EMPLCC.UDUSTELL
EMPLOY.UDUSTELL
CONT45.UDUSTELL
CASE45.UDUSTELL
DAYSINT.UDUSTELL
DAYSEXT.UDUSTELL
EXPCODE.UDUSTELL

Tape No.: 1) SLI009
2) SLI011

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities

Disposition Authority: Unscheduled

File Description: These files contain external exposure data from film badges and internal dose information. The files include daily, cumulative, and annual external exposure measurements, and lung doses for employees at Fernald, Mallinckrodt Chemical Works, and the Y-12 and K-25 Plants at Oak Ridge.

For related records, see series listed under II. **Four-Site Uranium Dust Lung Cancer Study.**

Data Elements: 62, 69

Uranium Dust Lung Cancer Study Exposure Data: Fernald, 1951-1981

File Name: FMPLD.UDUSTELL
FMPEXT.UDUSTELL

Tape No.: SLI011

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities

Disposition Authority: Unscheduled

File Description: These files include internal and external exposure data for employees of National Lead of Ohio. File FMPLD.UDUSTELL consists of calculated lung doses for the years 1951 to 1981. File FMPEXT.UDUSTELL contains annual film badge readings for the years 1952 to 1980.

For related records, see series listed under I. National Lead of Ohio and II. Four-Site Uranium Dust Lung Cancer Study.

Data Elements: 62, 69

Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966

File Name: MCWEXT.UDUSTELL
MCWLD.UDUSTELL

Tape No.: SLI011

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities

Disposition Authority: Unscheduled

File Description: These files contain annual film badge readings and calculated lung doses for employees of Mallinckrodt Chemical Works from 1942 to 1966.

For related records, see series listed under I. Mallinckrodt Chemical Works and II. Four-Site Uranium Dust Lung Cancer Study.

Data Elements: 62, 69

**Uranium Dust Lung Cancer Study Exposure Data: Oak Ridge, Y-12 Facility,
1948-1982**

File Name: Y12EXT.UDUSTELL

Tape No.: SLI011

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified
and may be a Privacy Act System of Records;
ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, Oak Ridge Associated Universities

Disposition Authority: Unscheduled

File Description: This file consists of 455 records of annual film badge readings of Y-12 Plant employees. The 36 variables in the file contain employee identification numbers and readings from 1948 to 1982.

For related records, see series listed under I. Oak Ridge Reservation, Y-12 Plant and II. Four-Site Uranium Dust Lung Cancer Study.

Data Elements: 62

Uranium Dust Lung Cancer Study General Study Data

File Name: 1) TEONLY.FOURSITE
UDUST.FOURSITE
2) LAGDATES.UDUSTELL
LAG20.UDUSTELL
LAG10.UDUSTELL
LAG0.UDUSTELL
EMPLOY.UDUSTELL
3) PAYCODES.UDUSTELL
MENGREMP.UDUSTELL
DEMG1580.UDUSTELL

Tape No.: 1) SLI005
2) SLI009, 3) SLI011

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: The files on tapes SLI005 and SLI011 contain work history information for employees at the four facilities included in the uranium dust study. Sites include the K-25 and Y-12 facilities at Oak Ridge, Fernald, and the Mallinckrodt Chemical Works. The files include facility name and data on the worker, such as gender, race, and hire and termination dates. The files on tape SLI009 contain lag dates for exposure information located in other files.

For related records, see series listed under II. Four-Site Uranium Dust Lung Cancer Study.

Data Elements: 20-21, 24-25, 31

Uranium Dust Lung Cancer Study Smoking Data

File Name: 1) SMK1540.UDUSTELL
2) SMK1580.UDUSTELL
CHRONSMK.UUDUSTELL
MEDREC.UDUSTELL

Tape No.: 1) SLI007
2) SLI011

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: These files contain smoking data and work locations for workers at the K-25, Y-12, X-10, and Fernald sites.

For related records, see series listed under II. Four-Site Uranium Dust Lung Cancer Study.

Data Elements: 31, 36, 55-56

Uranium Miners Study Data

File Name: MARCH88.MINER
FIX1ANAL.UMNER

Tape No.: SLI003

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: These files were used in an unfinished project concerning uranium miners at Oak Ridge which did not result in a full-fledged study. File MARCH88.MINER consists of 3,347 records with 78 variables pertaining to employees, including birth and death dates. File FIX1ANAL.UMNER is a duplication of another file and has 3,346 records with 69 variables. This data set was compiled by a former CER employee. It does not have complete documentation, and the date range of the records cannot be determined. These files have not been used in CER human mortality studies.

Data Elements: 17, 20-21, 24-25

Welder Study Data

File Name: 1) ANALYSIS.WELDER
2) COHORT.WELDER

Tape No.: 1) SLI001
2) SLI007

Location: Active: ORISE, CER, Room 134
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records; ORISE is an access-restricted facility.

Hardware/Software:
IBM 9221/SAS

Office/Program Supported: Center for Epidemiologic Research, ORISE

Originating Office: Center for Epidemiologic Research, ORISE

Disposition Authority: Unscheduled

File Description: These files support a study of welders at the K-25 Plant exposed to nickel. The files contain data concerning work history, including days worked, first hire date, cause of death coded to the International Classification of Death, Eighth Revision, and vital status.

For related records, see series listed under II. Nickel Workers at K-25 Study.

Data Elements: 17, 24, 31, 55, 58

APPENDICES

APPENDIX A Sites/Contractors

APPENDIX B Studies

APPENDIX C Information Required by the Department of Energy for Epidemiologic and Health Studies

APPENDIX A SITES AND CONTRACTORS

Ames Laboratory (Ames, Iowa) originally concentrated on developing methods to produce uranium metal for the MED. Established in 1943 at Iowa State College, now Iowa State University, the facility became known as the Ames Laboratory in 1947. Currently, it conducts basic research in the physical, chemical, materials, mathematical, engineering, and environmental sciences.

Argonne National Laboratory (Argonne, Illinois) started as a division of the Metallurgical Laboratory of the University of Chicago. Plans to use the facility for plutonium production were dismissed because of its close proximity to Chicago. Known as the Argonne National Laboratory since 1946, it conducts basic and applied nuclear research.

Bethlehem Steel Corporation (Lackawanna, New York) conducted uranium rolling experiments from 1949 to 1951 for the Atomic Energy Commission. These experiments contributed to the development of uranium rolling equipment used at the Fernald Plant in Ohio.

Bettis Atomic Power Laboratory (West Mifflin, Pennsylvania), originally known as the Bettis Field Plant, has operated a thermal submarine reactor propulsion plant since 1950. Bettis works in cooperation with the Naval Reactors Facility of the Idaho National Engineering Laboratory to develop submarine power reactors.

Brookhaven National Laboratory (Upton, New York) has performed basic and applied research in the physical, biomedical, and environmental sciences and participated in science education programs since 1947. Associated Universities, Inc., has been responsible for operating the facility since its inception.

Electro Metallurgical Company (Niagara Falls, New York), a subsidiary of Union Carbide, was the MED's largest ore-to-metal uranium production plant. From 1942 to 1953, the plant processed uranium tetrafluoride (green salt) into uranium metal. The plant was also called the Union Carbide and Chemical Electro-Metallurgical Division Works.

Feed Materials Production Center (Fernald, Ohio), established in 1952, operated as a consolidated uranium processing facility for the AEC and its successor agencies. Administered by National Lead of Ohio and, later, Westinghouse Environmental Management Company of Ohio, Fernald produced uranium feed materials for reactors and diffusion plants. Since 1992, the site has been known as the Fernald Environmental Management Project and has concentrated on site remediation.

Fermilab/Fermi National Accelerator Laboratory (Batavia, Illinois) was established in 1968 to conduct research in high-energy physics and participate in science education programs. The lab operates the Doubler, a high-energy superconducting magnet-particle accelerator. The facility's principle operating contractor is the Universities Research Association, Inc.

Hanford Site (Richland, Washington) was established in 1943 as the first full-scale production reactors site in the United States. In addition, Hanford conducted fuel fabrication, plutonium finishing, and chemical processing. The site also produced tritium and polonium-210.

Harshaw Chemical Company (Cleveland, OH) produced uranium hexafluoride and uranium tetrafluoride for K-25, the Oak Ridge Gaseous Diffusion Plant, and fluorinated hydrocarbon chemical compounds for plants relying on highly corrosive feed materials, from 1942 to 1960.

Idaho National Engineering Laboratory (Idaho Falls, Idaho) was established in 1949 primarily to test nuclear reactor concepts. The INEL site also conducts fuel processing and recovery, waste management, and decontamination.

Knolls Atomic Power Laboratory (Schenectady, New York) was established in 1947 as a regional development center but subsequently focused on the design and development of naval nuclear propulsion plants and reactor cores.

Lake Ontario Ordnance Works/Lake Ontario Storage Area (Lewiston, New York) operated from 1944 to 1953 as a major storage facility for contaminated materials produced by the Linde Air Products Company Ceramics Plant in Tonawanda, New York.

Lawrence Berkeley Laboratory (Berkeley, California), founded as the Radiation Laboratory in 1931, pursued physics and biomedical research through the use of the cyclotron. The facility became a government laboratory in 1943. Currently, it conducts research in the physical and life sciences; engages in training and education programs; and houses particle accelerators, electron microscopes, and other advanced instruments.

Lawrence Livermore National Laboratory (Livermore, California) was established as the Livermore Radiation Laboratory in 1952 as an energy and defense research facility. Originally an extension of the Lawrence Berkeley Laboratory, the facility conducts research in basic chemistry and physics, high-precision manufacturing, waste management, and thermonuclear devices.

Linde Air Products Company Ceramics Plant (Tonawanda, NY) converted uranium ore to pure uranium concentrates from 1942 to 1948. Linde Air also produced barrier materials for the gaseous diffusion uranium enrichment process.

Los Alamos National Laboratory (Los Alamos, New Mexico) was originally established in 1943 as a nuclear weapons development and testing site and now conducts a multidisciplinary national research program. In addition to weapons research, the facility also investigates nuclear power systems, nuclear fuels, the effects of radiation, high-performance computers, and human molecular biology.

Mallinckrodt Chemical Works (St. Louis, Missouri) processed uranium ore to uranium metal from 1942 to 1957. Mallinckrodt refined uranium ore into uranium dioxide (brown oxide), the fundamental material for uranium tetrafluoride (green salt), the feed material for most uranium metal processing.

Middlesex Sampling Plant (Middlesex, New Jersey) operated a warehouse for the MED to store, sample, and assay excess uranium ore imported from the Belgian Congo. The plant also stored beryllium and monitored the health effects of exposure to radon, uranium dusts, radium, and silicon.

Mound Site (Miamisburg, Ohio) has operated as a nuclear weapons production facility since 1946. Activities have included the manufacture of polonium-210 and -238 radioisotopic heat sources, the recovery of tritium wastes, and the evaluation of components for nuclear weapons. The site originated as the Dayton Project under the MED in 1943.

Nevada Test Site (Las Vegas, Nevada) has served primarily as a facility for the staging of underground nuclear tests since 1951. In addition, the site conducted tests involving radioactive materials and spills of large quantities of nonradioactive hazardous liquified gases.

Pacific Northwest Laboratory (Richland, Washington) was established in 1965 to conduct waste management and environmental monitoring and restoration. Since 1977, the facility has been responsible for gathering, integrating, and analyzing exposure data for the Hanford Health and Mortality Study. PNL maintains strong connections with other federal agencies and regional education and training facilities.

Paducah Gaseous Diffusion Plant (Paducah, Kentucky) was originally the site of the Kentucky Ordnance Works. The AEC acquired the site in 1950 and began operating a gaseous diffusion facility there in 1954. Paducah supplemented gaseous diffusion operations at Oak Ridge and currently continues uranium enrichment operations.

Pantex Plant (Amarillo, Texas) was established in 1942 by the Army Ordnance Corps as a bomb and shell loading facility. Acquired by the AEC in 1951, the site subsequently became a nuclear weapons assembly facility.

Pinellas Plant (Largo, Florida) was established in 1956 to develop and produce neutron generators for nuclear weapons. Its mission eventually expanded to the production of thermal batteries, power capacitors, electromagnetic devices, and lightning arresting connectors.

Rocky Flats (Denver, Colorado) was established in 1952 to produce plutonium triggers and other metal components for nuclear weapons assembled at the Pantex Plant. Since 1992, the mission of the plant has been environmental clean-up and restoration.

Substitute Alloy Materials (SAM) Laboratories (New York, NY) was established in 1943 at Columbia University. The facility conducted primary research for the MED, especially in the development of the gaseous diffusion process used at the Oak Ridge K-25 facility.

Sandia National Laboratory (Albuquerque, New Mexico) is principally located in Albuquerque. With facilities in Nevada and Hawaii, the Sandia National Laboratory grew out of the Los Alamos site. The laboratory develops, engineers, and tests nonnuclear components of nuclear weapons, studies nuclear weapons systems ordnance and engineering, and investigates technologies for dealing with hazardous and radioactive wastes.

Savannah River Plant (Aiken, South Carolina) was established in 1953 to produce plutonium and tritium for nuclear weapons. Five production reactors, chemical separation plants, and support facilities are located at the site.

Simonds Saw and Steel Company (Lockport, New York) participated in the research and development of uranium rolling equipment for the Feed Materials Production Center and uranium rods for other AEC facilities from 1948 to 1956.

Tennessee Eastman Corporation (Oak Ridge, Tennessee), operated the K-25 and Y-12 plants at the Oak Ridge Reservation from 1943 to 1947.

Weldon Spring Remediation Site (Weldon Spring, Missouri), formerly the site of the Mallinckrodt Chemical Works plant which, from 1958 to 1966, refined uranium ore into uranium dioxide (brown oxide), the fundamental material for uranium tetrafluoride (green salt), the feed material for most uranium metal processing.

APPENDIX B STUDIES

Beryllium Workers Enhanced Medical Surveillance Program examines current and former beryllium workers at the Y-12 Plant at Oak Ridge for chronic beryllium disease and evaluates the efficacy of the lymphocyte proliferation test as a diagnostic test for the disease.

Epidemiology Study of Uranium Workers at Mallinckrodt Chemical Works concerns the relationship between mortality and uranium exposure among workers, who from 1942-1966 were exposed to elevated levels of uranium and associated substances.

Epidemiology Study of Workers at the Savannah River Plant evaluates the effects of exposure to low-level ionizing radiation and other chemical and toxic agents on the health of Savannah River Plant workers. This study is being conducted jointly by ORAU and LANL.

Five Rem Study focused on workers at all DOE facilities who had been exposed to five or more rems of radiation for at least one calendar year of employment from 1947 to 1978. The objective of this study was to identify cancer-related morbidity and mortality and determine the efficacy of five rems as an occupational exposure standard.

Four-Site Uranium Dust Lung Cancer Study examined the relationship between exposure to uranium dust, smoking habits, and lung cancer in workers at Fernald, Mallinckrodt Chemical Works, and the Y-12 and K-25 Plants.

Gas Centrifuge Workers Study focused on morbidity and mortality in gas centrifuge workers at the K-25 facility exposed to uranium and associated compounds and chemicals.

K-25 Nickel Study focused on all white males employed at the K-25 plant, from January 1948 to December 31, 1977, to determine the rate of respiratory cancer in workers exposed to nickel dust.

Morbidity and Mortality Among National Lead of Ohio Uranium Workers focused on unusually high levels of morbidity and mortality in employees of National Lead of Ohio exposed to uranium.

Niagara Frontier Site Study focused on workers at six MED sites in the Niagara Frontier region to determine the relationship between radiation and uranium exposure and cancer-related mortality.

Oak Ridge Facilities Brain Cancer Study investigated the occurrence of primary malignant neoplasms in the brain of workers employed by Tennessee Eastman Corporation at Y-12, K-25, and ORNL to establish an association between brain cancer and radiation and chemical exposure, head injuries, and socio-economic factors.

Oak Ridge Facilities Combined Mortality Study (ORFCOM) examines the long-term health effects of low-level ionizing radiation on Oak Ridge facilities workers from several radiation sources, including plutonium, uranium dust, and other radionuclides, in addition to lead, beryllium, and chemicals used in research and development laboratories.

Tatum Salt Dome Study examined the effects of the Tatum Salt Dome, a weapons testing site near Lumberton, Mississippi, upon the health of the community.

Tennessee Eastman Corporation (TEC) Cancer Case-Control Study focuses on white males employed by TEC at Oak Ridge for three days or more, from 1943 to 1947, to determine an association between exposure to low levels of uranium dust or uranium compound dust and lung cancer-associated mortality.

Y-12 Sheet Metal Workers Study examined morbidity and mortality from select causes in sheet metal workers employed from 1947 to 1985.

Y-12 Elemental Mercury Study examines the possible health effects of chronic exposure to elemental mercury, particularly the nervous system.

APPENDIX C

INFORMATION REQUIRED BY THE DEPARTMENT OF ENERGY FOR EPIDEMIOLOGIC AND HEALTH STUDIES (REVISED)

DATA PERTAINING TO CONTRACTOR ORGANIZATIONS

Any type of materials that will help understand the functional organization of the contractor, or to identify individuals who may have had responsibility for operations within a facility. These types of materials are useful when studying a facility because they enable the researcher to identify key personnel who were involved with certain projects and to contact these persons, when necessary, to help understand the nature of the plant operations and potential exposures that occurred in specific areas of the plant. Examples of records that may meet these needs are:

1. DOE/Contractor Organizational Charts
2. Contractor Organizational Histories/Plant Information Packets
3. Mission Statements of the Site and Individual Functional Units
4. Contractor Personnel Directories/Telephone Directories
5. Position Descriptions and Associated Dates
6. Correspondence Files of Directors and Managers

DATA PERTAINING TO INDIVIDUALS

Identification of Individual

Epidemiologic studies of workers require the creation of lists of individuals at each facility who will be included in the study. Therefore, all records containing identifying information for employees at a specific facility are of great value. These records will typically be from personnel or payroll departments and may include the following data:

7. Social Security Number
8. Name
9. Maiden Name
10. Other Names
11. Address/Phone Number
12. Spouse Name
13. Spouse Address
16. Employer Identification Numbers (payroll, annuity, badge, etc.)

Demographic Information

In order to compare the characteristics of the worker population with other groups, it is desirable to know the following information:

17. Birth Date
18. Place of Birth

20. Sex
21. Race
22. Education (highest degree)
23. Marital Status

Work History

Work records indicating the type of jobs performed over specific periods of time are extremely useful. Specific data items are as follows:

24. Hire Date at Facility
25. Termination Date at Facility
26. Reason for Termination
27. Type of Employee (hourly, salaried, etc.)
28. Occupation or Job Title (all job titles held and associated dates)
30. Previous Work History
31. Work Location (building, area)
33. Reassignments and Work Restrictions
34. Job or Task Descriptions and Performance Appraisals

Medical Data

Medical records, records of treatment, incident or accident report, and company health insurance records may be useful for epidemiologic studies. Examples of the information that may be used from these records include:

35. Employee Physical Examinations
36. Smoking History
37. Alcohol/Beverage History
44. Drug/Medication Use History
38. Record of Injuries or Accidents Before or During Employment
39. Record of Exposure to Toxic or Carcinogenic Substances
40. Record of Sick and other Health-Related Leaves
41. Return to Work Clearances
42. Pathological Reports and Lab Results
45. Diagnostic X-Rays (dental, chest, other)
43. Family Disease and Mortality History
47. Employee Disease History, Including Predisposing Conditions
48. Record of use of Chelation Agents, including DTPA
51. Workers' Compensation Claims

Mortality Data (any type of information concerning death)

Many studies compare death rates in worker populations with rates in other populations. The following data items are useful:

53. Death Certificate
54. Date of Death
55. Cause of Death
56. Place of Death

57. Payment of a Death Benefit and Date
58. Vital Status at Last Known Date

DATA PERTAINING TO INDIVIDUAL EXPOSURE ASSESSMENT

External Radiation

External radiation exposure records that pertain to individual workers or to individual areas in a plant must be retained. Types of data items contained on these records are:

59. Estimated Whole Body Dose Due to X-Rays & Gamma Rays and Associated Dates
60. Estimated Whole Body Dose Due to Neutrons and Associated Dates
61. Estimated Whole Body Dose Due to Tritium and Associated Dates
62. Estimated Total Whole Body Dose and Associated Dates
63. Individual Dosimeter Types
65. Partial Body or Skin Doses and Associated Dates

Internal Radiation

Internal radiation exposure records for workers must be retained. Types of data items contained on these records are:

68. Bioassay Testing (including fecal and urine analysis) for nuclides
69. Estimated internal doses, including nuclides, organ of deposition
71. Whole Body Counts, including nuclides, type of instrument, results, units, and associated dates

INDUSTRIAL HYGIENE

Chemical Exposures

Data generated to evaluate occupational exposure levels and to demonstrate compliance with exposure limits should be systematically retained. The types of records of data that should be retained may include:

75. Results of Bioassays (including blood and urine analysis) such as exposure to chemicals, chemical names, results units, and associated dates
77. Monitoring Data Relating to Specific Work Locations or Assignments, including monitoring instruments, control data, results, units, and associated dates

Physical Agents

Data generated to evaluate occupational exposure levels and to demonstrate compliance with exposure limits should be systematically retained. Such data should include:

83. Inventories of Potentially Health Hazardous Physical Agents (noise, laser beam, electromagnetic fields, etc.), including associated dates, building, and locations
85. Survey of Work Areas, including associated dates, kind of monitoring equipment, results, and units

DATA PERTAINING TO FACILITIES

Area/Site Monitoring Information (by job category, year, building, etc.)

Other records that relate to the calibration, sensitivity, type, location of the equipment used for personnel monitoring, surveying, air sampling, etc., are quite useful, especially if they can be linked to specific processes, areas, buildings, and personnel. Information describing the general requirements followed by the facility for the provision of various personnel monitoring equipment, examinations, or testing is also desirable. Examples of these types of records include the following:

Physical Plant and Operations Records

- 88. Chemical or Other Processes, including building locations and associated dates
- 89. Hiring, Materials Handling & Other Practices
- 90. Requirements for Employment in Specific Jobs
- 114. Calibration Requirements
- 115. Chemical Inventories
- 117. Blueprints, Floor Plans, and Engineering Drawings of Building
- 120. Inventory Records of Incoming and Outgoing Material
- 123. Maintenance Records of Pollution Control Devices such as Dust Collectors, Scrubbers, or Filters

Worker Radiation Monitoring/Protection Programs

- 81. Monitoring Program Characteristics
- 91. Requirements for Wearing Dosimeters
- 93. Dosimeters Type
- 94. Dosimeter Manufacture
- 96. Dosimeter Processing Procedures
- 97. Dosimeter Reading Procedures
- 98. Frequency of Reading Dosimeters
- 102. Requirements for Use of Protection Equipment
- 107. Requirements for Wearing Protection Equipment

Environmental Monitoring

- 103. Results of Environmental Monitoring, including radionuclide or chemical information, units, and location
- 116. Information on Product Particle Size and Chemical Form at Potential Release Points
- 124. Onsite Monitoring or Sampling Locations and Results
- 118. Offsite Monitoring or Sampling Locations and Results
- 119. Any Measurements of Effluents from Facility Relief Point, including stack sampler results, water losses, and sump measurements
- 121. Reports of Losses of Material from stack or filters
- 122. Reports of Unplanned Releases, Incidents, Spills

**OAK RIDGE INSTITUTE FOR SCIENCE & EDUCATION
A GUIDE TO RECORD SERIES
OF DEPARTMENT OF ENERGY**

ALPHABETICAL LISTING OF SERIES TITLES

Accident and Injury Reports, 1944-1946	163
Administrative Files, 1984-Current	210
Air Monitoring Data, 1961-1968	80
Applied Health Physics Quarterly Reports, 1961-1964	102
Argonne National Laboratory Cohort Records, 1982	174
Argonne National Laboratory External Dosimetry Records, 1952-1984	175
Baneberry Test Records, ca. 1970-1979	92
Blood-Urine Test Records, 1945-1946	123
Brain Cancer Study Data	280
Call Log Sheets, ca. 1978-1994	176
Case-Control Study Records, 1987-1994	188
Center for Epidemiologic Research Document (CERDOCS) Reference Files, 1940-Current	211
Center for Epidemiologic Research Reading Files (CERERF), 1977-Current	212
Chromate Cohort Study Records, 1959-1962	60
Compensation Claim Reports, 1945-1946	124
Computer Graphics Software Documentation, 1984	244
Construction Files, ca. 1950-1956	95
Contract Files, ca. 1956-1968	96
Contractor Data Entry Sheets, ca. 1942-1988	61
Correspondence, 1944-1945	23
Correspondence, ca. 1945-1947	125
Daily Schedules, 1948-1957	31
Data Abstract Forms, ca. 1950s-1980s	152
Data Analysis Records, 1982-1983	32
Data Cards, undated	18
Data Correlation Files	273
Data Files, ca. 1944-1945	194
Data Punch Cards, ca. 1967	81
Data Sheets, 1982	206
Database Index, 1974	103
Database Merge Files, 1983, 1985-1987	245
Death Certificate and Social Security Administration (SSA) Search Records, 1982	231
Death Certificate Data, ca. 1970-1971	232
Death Certificate Retrieval Office Correspondence, 1978-1982	233

Death Certificates and Employee Data Sheets, ca. 1948-Current	234
Death Certificates, ca. 1984-1990	177
Demographic and Mortality Analysis, 1982	235
Demographic Reports, 1977	153
Department Code Reports, ca. 1980	98
Department of Energy (DOE) Health and Mortality Study Protocols, 1982	213
John D. Dingell Database Index, ca. 1978-1992	246
John D. Dingell File Notebooks, ca. 1977-1991	214
Dispensary Records, 1949-1966	33
Dose Data Summary Records, ca. 1944-1946	19
Dosimetry Assessment Group Meeting Minutes, 1975-1982	99
Dosimetry Data Documentation, 1985-1992	247
Dosimetry Records, 1982	154
Du Pont Employee Lists, 1944-1946	20
Dust Concentration Cards, 1943-1952	34
Electronic Data Corrections Documentation, 1983-1993	248
Electronic Records Documentation, 1978-1992	249
Employee Analysis Reports, ca. 1980-1982	82
Employee and Facility Monitoring Records, ca. 1947-1969	63
Employee Cards, ca. 1947-1956	35
Employee Cards, ca. 1980	151
Employee Data, 1984	155
Employee Data Reports, ca. 1983-1989	215
Employee Dose Reports, ca. 1974	104
Employee Health and Mortality Records, ca. 1955-1986	156
Employee Histories, 1963-1984	93
Employee Information Cards, ca. 1939-1965	64
Employee Information Reports, 1978-1979	77
Employee Lists, 1944-1946, 1957-1968	36
Employee Lists, ca. 1943-1960	105
Employee Lists, ca. 1944-1949, 1967	164
Employee Roster, 1974-1976	78
Employee Roster, 1975	100
Employee Roster, 1981	148
Employee Rosters, 1984	21
Employee Rosters, ca. 1940s-1960s	37
Employee Rosters, February 24, 1978, undated	83
Employee Rosters, ca. 1986-1988	170
Employee Urine Sample Cards, ca. 1945-1949	24
Employee X-rays, ca. 1945-1949	25
Employment Records, ca. 1959-1984	157
Exposure Records, 1958-1962	142
External Radiation Dose Summary Worksheets, ca. 1965-1966	106
Facility Correspondence, 1977-Current	216

Facility Status Summary Reports, 1982	84
Fercleve Corporation Accident Reports, ca. 1944-1946	115
Fercleve Corporation Data Control Sheets, 1969	116
Fercleve Corporation Medical Records, ca. 1944-1945	117
Fermi Laboratory Personnel History Records, ca. 1967-1981	178
Fernald Employee Respiratory Disease Study Data	281
Fernald Film Badge Data, 1952-1983	255
Fernald Urinalysis Data, 1952-1983	256
Fernald Workplace Data	282
File SRERR.PRT Reports, 1986	158
Film Badge Records, ca. 1950s-1989	85
Film Badge Reports, ca. 1947-1956	97
Film Badge Reports, ca. 1947-1951	195
Film Badge Reports (Du Pont Employees), ca. 1972	107
Film Badge Reports (ORNL Employees), 1967	108
Film Badge Summary Reports, 1945-1966	38
Film Stability Survey Data, 1967	109
Financial Records, ca. 1943-1947	126
First Aid Census Records, 1945-1946	165
Five Rem Study Contact Data	283
Five Rem Study Employment History Data	284
Five Rem Study General Study Data	285
Five Rem Study Offspring Data	286
Five Rem Study Patient Treatment Data	287
Five Rem Study Questionnaire Response Data	288
Five Rem Study SEACON Participant Data	289
Five Rem Study Smoking Data	290
Five Rem Study Substance Exposure Data	291
General and Hazards Information Study Records, 1948-1956	39
General Badge Number Data	274
General Study Data	275
General Mortality Data	276
General Salary Data	277
General Social Security Data	278
General Vital Status Data	279
Goodyear Atomic Corporation Employee Roster, 1980	79
Guard Identification Study Lists, 1975	40
Harshaw Chemical Employee Information Cards, 1943-1950	196
Hazards Assessment Records, 1962-1966	41
Hazards Assessment Records, 1943-1945	76
Health and Mortality Study Records, 1962-1978	86
Health and Mortality Study Research Files, 1949-1971	42
Health and Safety Procedures Handbooks, 1963-1965	43
Health Hazards Correspondence, 1943-1945	65
Healthy Worker Study Records, ca. 1983-1984	87

History of Clinton Engineer Works, 1944-1947	127
Houdaille-Hershey Corporation First Aid Files, ca. 1944-1945	118
Houdaille-Hershey Corporation Medical Examination and Accident Reports, ca. 1944-1945	119
"Ill-Defined Causes of Death" Study Data	292
Inactive Employee Locator Cards, ca. 1955-1970	66
Industrial Hygiene Monitoring Records, 1975-1985	143
Ingalls Shipyard Dosimetry Reports, 1962-1979	179
Injury Reports, 1944-1945	128
International Nickel Company Cases, 1973	199
Job History Sheets, 1957-1966	44
Knolls Atomic Power Laboratory Employee Roster, 1984	180
Linde Air Products Company Mortality Study Exposure Data, 1943-1949	293
Linde Air Products Company Mortality Study Medical Data, 1943-1949	294
Linde Air Products Company Worker Mortality Study Employment Data, 1943-1949	295
Liquid Phase Reactor Pilot Plant Memoranda, ca. 1943-1945	129
List of Epidemiology Records at ORAU, 1979	217
Lost Time Accident Records, ca. 1944-1947	130
Maxon Construction Company Active and Terminated Employee Cards, ca. 1950-1952	120
Medical Abstracting Forms, 1984	192
Medical Advisor Memoranda and Reports, 1944-1947	131
Medical and Personal History Abstract Forms, 1943-1947	26
Medical Case Logs, 1943-1946	132
Medical Data Files, 1945	133
Medical Division Files, ca. 1943-1946	134
Medical Examination Cards, 1957-1958	45
Medical Files, ca. 1949-1966	46
Medical Files, 1943-1946	166
Medical Insurance Claims, 1952-1957	88
Medical Laboratory Examination Records, ca. 1943-1952	67
Medical Program and Electromagnetic Project Worker Histories, ca. 1942-1947, 1969	68
Medical Records, 1945-1947	135
Medical Records, ca. 1944-46	167
Minority Group Work History Grids, ca. 1991	89
Mortality Rates	296
Mortality Records, ca. 1949-1971	69
Mortality Statistics, 1977	236
Mortality Study Data Reports, ca. 1979-1985	27
Oak Ridge Addresses	297

Oak Ridge Associated Universities (ORAU) Administrative Files, 1978-Current	218
Oak Ridge Associated Universities (ORAU) Course Materials, ca. 1954-1980	219
Oak Ridge Associated Universities (ORAU)/ORISE Reference and Research Database, 1960-Current	253
Oak Ridge Associated Universities (ORAU) Research Planning Group Meeting Records, 1979-1988	220
Oak Ridge Brain Cancer Study Files, 1982-1985	221
Oak Ridge Facilities Combined Mortality (ORFCOM) Study External Exposure Data	298
Oak Ridge Facilities Combined Mortality (ORFCOM) Study General Data	299
Oak Ridge, K-25 Facility, Air Sampling Data, 1945-1982	257
Oak Ridge, K-25 Facility, Centrifuge Workers Study Data, 1990-1992	300
Oak Ridge, K-25 Facility, Employee Data	301
Oak Ridge, K-25 Facility, Film Badge Data, 1945-1991	258
Oak Ridge, K-25 Facility, Urinalysis Data, 1948-1988	259
Oak Ridge, K-25 Facility, Whole Body Count Data, 1965-1991	260
Oak Ridge Medical Advisor's Office Files, ca. 1942-1947	70
Oak Ridge Operations Office (ORO)/Oak Ridge Associated Universities (ORAU) Correspondence, 1964, 1980-1989	222
Oak Ridge Population Select Mortality Report, 1974	237
Oak Ridge, X-10 Facility, Air Sampling Data, 1981-1987	261
Oak Ridge, X-10 Facility, Beryllium Workers Exposure Data, ca. 1988	262
Oak Ridge, X-10 Facility, Exposure Data	302
Oak Ridge, X-10 Facility, Film Badge Data, 1943-1991	263
Oak Ridge, X-10 Facility, Urinalysis Data, 1951-1988	264
Oak Ridge, X-10 Facility, Whole Body Count Data, ca. 1962-1991	265
Oak Ridge, Y-12 Facility, Air Sampling Data, 1954-1980	266
Oak Ridge, Y-12 Facility, Bioassay Data	303
Oak Ridge, Y-12 Facility, Exposure Data	304
Oak Ridge, Y-12 Facility, Film Badge Data, 1948-1991	267
Oak Ridge, Y-12 Facility, Urinalysis Data, 1950-1988	268
Oak Ridge, Y-12 Facility, Whole Body Count Data, 1961-1991	269
Oak Ridge Worker Questionnaire Inventory, 1986	181
Payroll Cards, ca. 1942-1966	47
Payroll Records, ca. 1980s	159
Personnel and Environmental Monitoring Records, 1950-1966	48
Personnel Clearance Master Cards, ca. 1950s-1980s	101
Personnel Records, ca. 1943-1966	50
Personnel Records, ca. 1957-1980	90
Personnel Records, ca. 1943-1965	136

Personnel Records Inventory, 1981	144
Personnel Security Questionnaires (PSQs), ca. 1940s-1978	240
Personnel Security Questionnaires (PSQs), Inactive Employees, ca. 1949-1992	241
Phase II Analysis, 1989-1992	202
Project Files, 1942-1970	197
Project Study Files, ca. 1983	28
Puerto Rico Nuclear Center Correspondence and Employee Lists, ca. 1960s	182
Questionnaires and Medical Test Forms, 1994	207
Radiation Accident Files, ca. 1959-1976	223
Radiation Exposure Records, 1945-1948	138
Radiation Monitor Alarm and Operation Reports, 1946-1948	145
Radiation Summary Data, 1945-1946, 1950	51
Radioactive Dust Study Monitoring Records, 1944-1966	52
Radiographic Examination Records, ca. 1948-1966	53
Radium Dial Painters Study Data	305
Radon Project Records, 1944-1957	54
Reference Files, ca. 1965-1981	224
Reference Notebooks, ca. 1943-1983	29
Reference Publications, ca. 1965-1989	225
Reference Records, 1992	150
Reports and Coding Sheets, 1980-1989	183
Research Records, ca. 1965-1974	22
Research Subject Files, ca. 1943-1981	146
Rust Engineering Work History Abstract Forms, ca. 1980s	121
Savannah River Film Badge Data, 1952-1978	270
Savannah River Plant General Data	306
Savannah River Urinalysis Data, 1955-1991	271
Savannah River Whole Body Count Data, 1950-1987	272
Search Records, 1989	189
Security Clearance Investigation Status Reports, 1973-1975	243
Security Reports, 1943-1966	55
Sheetmetal Worker Study Data	307
Simonds Saw and Steel Employee Information Cards, 1949-1950	198
Site Notebooks, 1976-1990	250
Smoking Histories, 1990	190
Smoking Histories, 1979	200
Social Security Administration (SSA) Death Lists, 1974-1988	238
Software Manuals, c. 1977-1990	251
Sources List, 1984	184
Special Order Accounts Register, ca. 1960-1986	226
State Death Certificate Indexes, 1908-1989	239
State Departments of Motor Vehicles Correspondence, 1981-1985	227
Statistical Analysis System (SAS) Employee Roster, 1980	91
Stone and Webster Engineering Corporation Compensation Claim	

Reports, 1945	122
Study Cards, ca. 1984-1990	185
Study Documentation, ca. 1988-1993	173
Study Questionnaires, ca. 1986	186
Study Records, ca. 1933-1977	71
Study Records, 1985-1986	187
Study Records, ca. 1977-1978	201
Study Records, ca. 1992-Current	205
Study Records, ca. 1947-1994	208
Study Working Papers, ca. 1943-1982	193
Survey Books, ca. 1950-1965	110
Survivor List, 1982	160
System Software Documentation, 1979-1992	252
Tatum Salt Dome Study Mortality Data	308
Taxable Wages Report, 1945	139
Tennessee Eastman Corporation (TEC) External Exposure Data, 1943-1984	309
Terminated Clearances Card Index, ca. 1948-1967	56
Terminated Contractor Employee Cards, 1950-1955	111
Terminated Employee Record Cards, ca. 1952-1989	161
Terminated Employee Records, ca. 1950s-1980s	162
Total Body Irradiation Records, 1961-1964	228
Unique Job Code Reports, 1982	140
United States War Department Engineer Office Files, ca. 1943-1947	72
University of Rochester Bioassay Records, 1943-1946	168
University of Rochester Film Badge Results, ca. 1942-1956	73
University of Wisconsin Dosimetry Research, ca. 1966-1972	74
Urinary Uranium (UU) Program Records, 1958-1964	57
Unusual Activities and Occurrences Reports, ca. 1948-1969	112
Unusual Occurrences Report, 1948-1973	113
Uranium Dust Lung Cancer Study Employment History Data: Tennessee Eastman Corporation, 1943-1982	310
Uranium Dust Lung Cancer Study Exposure Data: General, 1942-1982	311
Uranium Dust Lung Cancer Study Exposure Data: Fernald, 1951-1981	312
Uranium Dust Lung Cancer Study Exposure Data: Mallinckrodt, 1942-1966	313
Uranium Dust Lung Cancer Study Exposure Data: Oak Ridge, Y-12 Facility, 1948-1982	314
Uranium Dust Lung Cancer Study General Study Data	315
Uranium Dust Lung Cancer Study Smoking Data	316
Uranium Dust Monitoring Records, 1981-1989	191
Uranium Miners Study Data	317

Urinalysis Sample Cards, ca. 1950-1970	147
Urine Sample Cards, 1951-1977	149
Vault Inventory Database, 1990-present	254
Vision Test Reports, 1944-1945	141
Vital Statistics Publications, ca. 1976-1985	229
Vital Statistics Search Files, ca. 1974-1977	202
Vital Status Sources Correspondence, 1972-1992	230
Vitro Manufacturing Company Film Badge Data, 1945-1947	75
Wackenhut Security, Inc. (WSI), Employee List, 1979	94
Weldon Spring Plant Experimental Permits, 1955-1957	58
Welder Study Data	318
Work Assignment Survey Sheets, 1943-1968	114
Work History Abstract Forms, 1986	59
Work History Grids, 1983	30
Workers Enhanced Medical Surveillance Program Examination Forms, 1994	171
Workmen's Compensation Insurance Claims, 1944-1945	169
X-10, K-25, and Y-12 Plants Radiation Exposure Histories, 1991-1992	204
Y-12 Beryllium Worker Enhanced Medical Surveillance Program Phase I and II Questionnaires, 1992	172