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Nuclear Science Division

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NUCLEAR SCIENCE DIVISION

The division has a special interest in Nuclear Science and in advanced energy systems such as nuclear, solar, wind, geothermal, and tidal. Its concern in these fields includes, but is not limited to, research, policy and analysis, development and production.

FROM THE CHAIR

DIANE C. MIRVIS



I have heard from many members over the last few months. Some of you have messaged me on Internet (MIRVIS@BNL.CL6.BNL.GOV) others have accessed the

Brookhaven INFORM system on Internet and left me greetings on the SUGGESTION feature. It seems there is no escaping this network! As you will see in this issue, many of you are actively wrestling with the problems of mastering Internet.

I would like to take this opportunity to share our tentative plans for next year's conference agenda. These arrangements have been made based on member comments made at last year's meeting in San Francisco, as well as phone calls Vicky and I have received this summer. The Division will be co-hosting a hospitality suite with Public Utilities that will be open during the day for members who just want to meet and talk with each other. On June 7 a brief business meeting is scheduled in the suite at 1:00 p.m. Discussion will follow until 3:00 p.m., with

refreshments provided. Some topics that have been suggested for discussion groups have been: library software, collections development and report sharing. Please let me know if you have other topics of facilitator. The suite will also be open June 8, 1:00 p.m. - 3:00 p.m. for another chance to mingle, as well as at night from 9:00 p.m. - 11:00 p.m.

Tentative plans also include the Division co-sponsoring two programs. One is targeted on the emerging electronic publishing medium from the user perspective and the other on organizational positioning for success. An all day field trip to OCLC and Information Dimensions, Inc. is also planned. I'll let you know more details as plans firm up.

It looks like an exciting year for the Division. Look for a survey to be sent out soon for an enlarged membership directory that includes Internet addresses and questions about your site that can be useful to other members--like the library software you use.

Helen Todosow at Brookhaven has graciously agreed to edit "Resources in Nuclear Science and Technology"-- to be published by the Division in the coming year. She is asking for contributions from our membership and is starting us off with a list of online resources. Please

include annotations with your lists. This is a chance for all of us to cooperate and produce something really worthwhile.

You may have noticed that my facility at Brookhaven National Laboratory has been profiled in an earlier section of this issue. A previous issue showcased Joe Judy's operation at Hanford. Please contact me so we can feature another nuclear site in an upcoming issue. It's a great way to know more about each other! And for all you contributors -- thanks for all the hard work you put into this issue. I encourage all members to contact Betsy with your ideas and news!

NEWSLETTER CONTRIBUTIONS

By Betsy Schwartz

Hello! Thank you for your contributions to the newsletter and please keep them coming. Since the last issue, I received many inquiries on how one can get started on Internet. There are several things you can do. Look for internet training workshops in your geographical area and signup! There are several books available on accessing the Internet. One such guide is described below. Other user's experiences will provide insight on how to use the Internet. In this issue, Joan described the various discussion lists on Internet. Victoria gave her plan on how she will get her feet wet on Internet. I would like to include more experiences as part of the newsletter. E-mail your contributions to bschwartz@bnlcl6.bnl.gov. I will also try to include the contributor's internet address so, you can send them your comments via e-mail. I am sure they would love to hear from you.

Bibliographies was another area of contributions. Helen's contribution on Online Resources in Nuclear Science and Technology kicked off what will be a regular column. Theresa Baylock, Public Relations Chairperson will be mailing the Public Relations Bibliography - June 1992 to Nuclear Science Division members. The bibliography has 10 pages covering books, professional journals, evaluation methods, planning strategies, and skills/education. Non-members can request a copy by calling Theresa at 203-561-3433 extension 350.

Here is the new network guide. Send e-mail at bschwartz@bnlcl6.bnl.gov or call 516-282-2758 to let me know what you think of it.

New Network Guide Available

[Reprinted with permission from *Public-Access Computer Systems News*, Volume 3, Number 12 (1992). Editors: Dana Rooks (LIBL@UHUPVM1) and Charles W. Bailey, Jr. (LIB3@UHUPVM1).]

Crossing the Internet Threshold, available in late September, is a much revised edition of the workbook that supported June 1992 workshops of the same name. It is addressed to two categories of reader: (1) the person who has access to the Internet and wants to learn how to take advantage of its vast resources, and (2) the person who wants to teach Internet skills to others.

Written by Roy Tennant, John Ober, and Anne G. Lipow, with a forward by Clifford A. Lynch, *Crossing the Internet Threshold: An Instructional Handbook* is published by Library Solutions Press of Berkeley, CA.

Special features include a bibliography; an index; exercises in e-mail, telnet, and FTP (for beginners and advanced learners); glossary and "fact sheets" (single-page summaries of major network systems and services, from Archie to Z39.50); sample overheads (for trainers); and network maps. Pre-publication price (valid to November 1, 1992) is \$40.00, plus shipping and handling (prepaid or charged to Visa/MasterCard). List price (after November 1) is \$45.00, plus shipping and handling. For more information, contact Anne Lipow at alipow@library.berkeley.edu.

INTERNET DISCUSSION FORUMS OR LIBRARIANS

By Joan Tuss

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A good way for tentative librarians to ease their way into the Internet scene is to subscribe to a few discussion group. When I first started exploring the Internet, all I did for the first month was read my mail. It's an easy way to get your feet wet. These lists have proven helpful to my work. I am able to keep in touch with informal issues that aren't mentioned in the conventional library literature. The relaxed atmosphere of the lists often make for interesting reading. Of course these forums don't replace the scholarly literature, but since no one is refereeing, the discussions can get wild and uninhibited.

Whatever your interest, subscribing to the Internet is worthwhile. All the forums listed below send a detailed message after your subscription is

accepted. These messages instruct users on how to retrieve files, post mail, stop mail when you go on vacation, and sign off the list. Don't hesitate to ask someone familiar with e-mail at your institution for help getting started. It's worth it. It's a whole other world out there.

Library Collection Development (COLLDV-L).

Lynn F. Sipe from the University of Southern California moderates COLL-V. The discussion list is for collection development officers, bibliographers, and purchasers. Interested publishers and vendors also contribute to the list. According to the welcome message, topics covered include access/ownership issues, approval plans, collection assessment, budgeting, cooperation, collection formats, organization, planning, policies, pricing, publisher and vendor relations, resource sharing.

To subscribe: send a message to LISTSERV@USCVM

leave the subject line blank
type SUBSCRIBE COLLDV-L
your name.

Public-Access Computer Systems Forum (PACS-L).

The welcome message to PACS-L explains that subscribers will be reading about CD-ROM databases, expert systems, hypertext programs, microcomputer labs, locally-mounted databases, network-based information resources, and OPAC's.

To subscribe: send a message to LISTSERV@UHUPVM1

leave the subject line blank
type SUBSCRIBE PACS-L your name.

Bibliographic Instruction Discussion Group (BI-L).

This list discusses practical, theoretical, and technical aspects of bibliographic instruction. Right now, contributors are throwing around ideas about what they want to be called. So far, I've seen Information God, Information Goddess, Information Stud.

To subscribe: send a message to LISTSERV@BINGVMB

leave the subject line blank
type SUBSCRIBE BI-L your name.

Library Reference (LIBREF-L)

Topics of this discussion list relate to Library Reference issues including the impact of CD-ROM reference sources, information literacy, staff training, and evaluation of reference services. The list is also a last ditch effort when you have a tough reference question.

To subscribe: send a message to LIST@KENTVM

leave the subject line blank
type SUBSCRIBE LIBREF-L your name.

LIFE WITH THE COMPUTER - 1992

By Victoria Reich

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If, like me, you graduated from library school, not **that** many years ago with exactly 30 minutes worth of training on the computer, and you are running a small or solo operation, your "to do" pile may look a lot like mine. A user's guide for the free trial on InfoDynamics sits with the DATATREK upgrade that needs to be installed. Under them is the notice for converting to PRISM interlibrary loan service. Next comes my notes on "How to

Work Smarter" course that I took at SLA mixed in with an article called "Organizing and using EPIC documentation".

I am **not** computer resistant, I have an online card catalog, using files downloaded from OCLC into our network software. I access DIALOG, type my reports in WordPerfect, have established an online logging system for our incoming publications, can design a cover using computer graphics packages, currently working with our desktop publisher to maintain the network acronym directory and set up a hidden file for the shelflist. I am even taking DOS courses. I do a lot online but need to learn how to access the OSTI databases, and let's not forget EPRI's generous offer of free software and searching.

While my assistant is learning how to do interlibrary loan on OCLC, this reference librarian needs to learn how to input original cataloging and now Diane wants to communicate via a bulletin board on Internet. I just learned my bitnet address last week. The more I learn, the more there is to learn. The more I do, the less efficient I become and the less time I have to learn.

Therefore, I am going to set a priority (Work Smarter). Learn the absolute basics for using Internet and write up my experience for the next issue of *Sci-Tech News*. My goals will be to log in, find the messages Diane has left, leave a message or two, and get out. I find that I am much more comfortable when I have a checklist that begins with **TURN ON THE COMPUTER** so I always try to write one up in the library handbook for "my assistant" so I will include that if it is pertinent. If any of you have similar lists

or experiences, won't you please share them.

I hope to learn the basics of one additional system a quarter and report on it for the next year. Let me know what you would like covered.

ONLINE RESOURCES IN NUCLEAR SCIENCE AND TECHNOLOGY

By Helen Todosow

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The Nuclear Science Division compiled an extensive bibliography and list of information resources on the subject of nuclear power plants, and the science, technology, and safety issues connected with these specialized power-producing facilities. It was originally published in SLA's *Tools of the Profession* in 1988.

Online Resources in Nuclear Science and Technology updates the "Online" section from the original publication and provides a select compilation of key commercial, government, and industry-specific online databases. Because of the extent of the list, only online databases, accessible through commercial and/or government telecommunications networks, for direct, interactive data retrieval are included in this selection. Other electronic forms of information, such as databases available on diskettes, CD-ROMs, or by batch searching/processing by producers, are not included in this compilation at this time.

Online Resources in Nuclear Science and Technology includes basic access information. Addresses and/or phone numbers are provided, additional

information can be obtained by contacting the specific vendor, company or agency noted. Also Helen would be happy to offer additional information and insights regarding these online databases.

Commercial Online Databases

COMPENDEX PLUS. Produced by Engineering Information (EI), Castle Point on the Hudson, Hoboken, NJ 07030. (201)216-8500. Covers 1969 to present. Available via several commercial vendors, i.e. DIALOG, STN, BRS, etc. Access is unrestricted.

EPRI Database. Produced by the Electric Power Research Institute, Technical Information Center, PO Box 10412, Palo Alto, CA., 94303; 910-373-1163. Covers 1972 to present. Available via DIALOG. Access is unrestricted.

ELECTRIC POWER INDUSTRY ABSTRACTS Database (EPIA). Produced by the Utility Data Institute, under contract to Edison Electric Institute, 1700 K St., NW, Suite 400, Washington, DC, 20006; 202-466-3660. Available via ORBIT. Access is unrestricted.

ENERGY SCIENCE AND TECHNOLOGY. Produced by US DOE, Office of Scientific and Technical Information, PO Box 62, Oak Ridge, TN 37831; 615-576-1155. Covers 1974 to present. Available via several commercial vendors, i.e. DIALOG and STN. Access has some restrictions, contact vendors or producers for details.

ENERGYLINE. Produced by R.R. Bowker Publishing Co., 121 Chanlon Rd., New Providence, NJ 07974; 908-665-2867. Covers 1971 to present. Available via several commercial vendors, i.e. DIALOG, ORBIT, etc. Access is unrestricted.

NTIS. Produced by the National Technical Information Service, US Dept. of Commerce, 5285 Port Royal Rd., Springfield VA., 22161; 703-487-4929. Covers 1964 to present. Available via several commercial vendors, i.e. DIALOG, STN, BRS, etc. Access is unrestricted.

NUCLEAR SCIENCE ABSTRACTS. Produced by US DOE, Office of Scientific and Technical Information, PO Box 62, Oak Ridge, TN., 37831; 615-576-1155. Covers 1948-1976. Available via DIALOG. Access has some restrictions, contact vendor or producer for details.

For additional nuclear related information available via commercial online vendors, check out some of the full-text journals, newsletters, and industry "rags," such as ENERGY DAILY, INSIDE NRC, INSIDE ENERGY, THE ENERGY JOURNAL, NUCLEONICS WEEK, NUCLEAR NEWS, NUCLEAR WASTE NEWS, etc., available via several vendors, MEAD NEXIS, DIALOG, NEWSNET, BRS, DATA-STAR, etc.

Industry Specific Online Databases

NUCLEAR POWER EXPERIENCE (NPE). Produced by and available from RCG/Hagler, Bailly, Inc., PO Drawer O,

Boulder, CO., 80306; 303-449-5515. Covers early '70s to present. Access is unrestricted but some contractual conditions apply. Subscription fees apply.

EPRINET. Produced by and available from the Electric Power Research Institute, 3412 Hill View Ave., PO Box 10412, Palo Alto, CA., 94303; 415-855-2411, or EPRINET Hotline 415-855-1000. Access is controlled; available to EPRI member utilities, domestic non-utility participants, such as contractors, universities, government agencies, and to select international affiliates.

EPRI/NUS EQUIPMENT QUALIFICATION DATA BANK (EQDB). Produced and available from Halliburton/NUS Corp., (under license from EPRI), 2650 McCormick Drive., Clearwater, FL., 34619; 813-796-2264. Access is controlled; available to membership group consisting of domestic and foreign utilities, national laboratories and engineering firms. Subscription fee applies.

HALLIBURTON/NUS LICENSING INFORMATION SERVICE & AUTOMATED DATABASE. Produced and available from Halliburton/NUS Corp., (address and phone same as above). Access is controlled; available as a shared cost, nuclear industry sponsored subscription service. Subscription fee applies.

HALLIBURTON/NUS TRENDS. Produced and available from Halliburton/NUS Corp., (address and phone same as above). Access is controlled; available as a shared cost,

industry sponsored subscription service. Subscription fee applies.

NUCLEAR PLANT RELIABILITY DATA SYSTEM (NPRDS). Produced and available from INPO, Institute of Nuclear Power Operations, 1100 Circle 75 Parkway, Atlanta, GA., 30339; 404-953-3600. Access is restricted and proprietary; contact INPO for details or Peggy Cross-Prather, U.S. NRC, Office for Analysis and Operational Data, 7735 Old Georgetown Rd., Bethesda, MD., 20814; 301-492-4427.

Government and Specialized Online Databases

DOE AUTOMATED DEPARTMENTAL DIRECTIVES SYSTEM (ADDS). Produced and available from the U.S. DOE., Chief, Human Resource Information Systems, AD-123/F-109, Washington, DC., 20585. Access is restricted, available to DOE Federal and contractor staff.

DOE INTEGRATED TECHNICAL INFORMATION SYSTEM (ITIS). Produced and available from U.S. DOE, Office of Scientific and Technical Information, PO Box 62, Oak Ridge TN., 37831; 615-576-1222. Access is restricted, available to DOE federal and contractor staff.

DOE SAFETY PERFORMANCE MEASUREMENT SYSTEM (SPMS). Produced and available from Idaho National Engineering Laboratory, under contract to U.S. DOE, Environment, Safety and Health; contact INEL, EG&G

Idaho, Inc., System Safety Development Center, PO Box 1625, Idaho Falls, ID., 83415; 208-526-0141. Access is restricted.

DOE BROOKHAVEN NATIONAL LABORATORY - NATIONAL NUCLEAR DATA CENTER (NNDC). Produced and available from BNL, National Nuclear Data Center, under contract to U.S. DOE; contact NNDC, Brookhaven National Laboratory, Bldg 197c, Upton, NY., 11973; 516-282-2901. Access is controlled; available to DOE and its contractors, universities, and other research institutions. Accessible via INTERNET on the BNL INFORM System to authorized users.

NRC NUCLEAR DOCUMENT SYSTEM (NUDOCS). Produced and available from U.S. NRC, Office of Information Resources Management, Washington, DC., 20555; 301-492-7585. Access is controlled; available to NRC, its contractors, utilities, National Laboratories, universities, State governments, and select other national and international entities.

NRC PUBLIC DOCUMENTS ROOM DATABASE (PDR). Produced and available from U.S. NRC, Office of the Secretary, Public Document Room, Washington, DC., 20555; 202-634-3273. Access is controlled; available to NRC, its contractors, utilities, National Laboratories, universities, state governments, and select other national and international entities.

NRC SEQUENCE CODING SEARCH SYSTEM (SCSS and SCSS/PC). Produced and available from Nuclear Operations

Analysis Center, Oak Ridge National Laboratory, PO Box 2009, MS-8065, Oak Ridge, TN 37831; 615-574-0385; under contract to the U.S. NRC, Office of analysis and Evaluation of Operational Data, 7735 Old Georgetown Rd., Bethesda MD., 20814; contact Peggy Cross-Prather for access authorization, 301-492-4427.

IAEA INTERNATIONAL NUCLEAR INFORMATION SYSTEM (INIS). Produced and available from the International Atomic Energy Agency,

contact IAEA INIS Section, PO Box 100, A-1400 Vienna, Austria; 1-2360; fax +43-1-234564. Access is unrestricted to IAEA member states.

IAEA POWER REACTOR INFORMATION SYSTEM (PRIS). Produced and available from the International Atomic Energy Agency, contact IAEA, Nuclear Power Engineering Section, PO Box 100, A-1400 Vienna, Austria; 1-2360; fax +43-1-234564. Access is unrestricted to IAEA member states.

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