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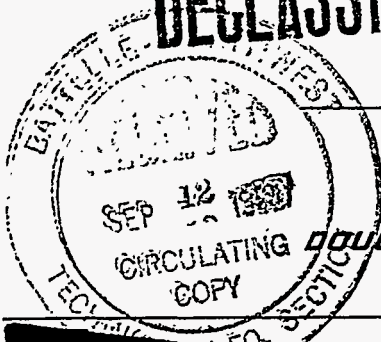
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**Pacific Northwest Laboratory
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STATUS OF IRRADIATIONS PERFORMED BY FUEL AND TARGET IRRADIATION TECHNOLOGY FOR BNW AS OF AUGUST 31, 1969

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AUTHOR
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CG-NMP-1, 8-3-94

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STATUS OF IRRADIATIONS PERFORMED BY
FUEL AND TARGET IRRADIATION TECHNOLOGY FOR BNW
AS OF AUGUST 31, 1969

L. V. Barker

MASTER

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This report itemizes the irradiations performed by Testing and Irradiation Services for Battelle-Northwest. It lists the material being irradiated, awaiting disposition and material shipped during the report period. An explanation of the various columns in the report follows:

Identification

- a. TISR No. - This is the official number assigned by Testing and Irradiation Services to an experiment for purposes of identification.
- b. Request Number - Customer experiment identification number, if any.
- c. Material - The principle target material, if known, abbreviated or its chemical symbol in capital letters.
- d. Piece Number - Individual sample or assembly identification.

Operating Time (Days) - The number of full-power operating days the sample has been exposed.

CMK Absorbed - The total cmk absorbed by the sample. Does not include the facility.

Charge Date - Date and time sample charged into reactor or date and time reactor reached one-half equilibrium level if sample was charged during a reactor outage.

Location

- a. Facility - Test facility or process tube and reactor containing the experiment.
- b. Test Hole Position - Sample position in-reactor relative to a process tube.
- c. Position Factor - Location of sample in relation to front-to-rear cosine flux distribution. (This factor only applies to front-to-rear irradiations.)

NOTE: The actual shape may deviate from a cosine curve due to local perturbations. The actual shape will be provided upon request.

Exposure to Date - NVT - The total thermal neutron exposure per square centimeter received to date. This number is calculated from facility unperturbed flux and reactor operating time.

Discharge, Date and Time - Date and time samples were removed from the active portion of the reactor or date and time reactor was down to one-half equilibrium level if sample was discharged during a reactor outage.

Shipping Date - Date samples were shipped to the customer or otherwise disposed of.

A. S. McManis
Supervisor
Irradiation Services

LV Barker/k

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IDENTIFICATION				OPERATING TIME (DAYS)	C M K ABSORBED	CHARGE		LOCATION			EXPOSURE TO DATE NVT	DISCHARGE		SHIP. DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.			DATE	TIME	FACILITY	TEST HOLE POSITION	POSITION FACTOR		DATE	TIME	
THE FOLLOWING IRRADIATIONS ARE IN PROGRESS.														
177	BNW-177	GRAPH	GP-1	35.0966		07-23-69	1450	3ATH-KW		1.000	3.0+20			
177	BNW-177	GRAPH	GP-2	34.3119		07-24-69	0940	3DTH-KW		1.000	2.9+20			
177	BNW-177	GRAPH	0C-6	150.4052		01-25-69	0856	4BTH-KE	0-4366	1.000	1.7+21			
177	BNW-177	GRAPH	0140	150.4052		01-25-69	0856	4BTH-KE	0-4379	1.000	1.7+21			
177	BNW-177	GRAPH	0143	150.4052		01-25-69	0856	4BTH-KE	0-4376	1.000	1.7+21			
177	BNW-177	GRAPH	0188	150.4052		01-25-69	0856	4BTH-KE	0-4363	1.000	1.7+21			
177	BNW-177	GRAPH	0189	150.4052		01-25-69	0856	4BTH-KE	0-4357	1.000	1.7+21			
177	BNW-177	GRAPH	0190	150.4052		01-25-69	0856	4BTH-KE	0-4373	1.000	1.7+21			
177	BNW-177	GRAPH	0191	150.4052		01-25-69	0856	4BTH-KE	0-4369	1.000	1.7+21			
177	BNW-177	GRAPH	0192	150.4052		01-25-69	0856	4BTH-KE	0-4354	1.000	1.7+21			
177	BNW-177	GRAPH	0193	150.4052		01-25-69	0856	4BTH-KE	0-4360	1.000	1.7+21			
236		SS	1V36	319.3363		06-11-68	1400	3CTH-KW		1.000	3.6+21			
236		ZIRC	4-30	440.4757		01-14-68	2019	3CTH-KW		1.000	5.1+21			
236		ZIRC	4-25	440.4757		01-14-68	2019	3DTH-KW		1.000	3.8+21			
236	BNW-236-A	SS	4-38	76.3979		05-29-69	2312	3BTH-KW		1.000	8.4+20			
243		CARBON	0178	185.5627		10-24-68	1345	4CTH-KW		1.000	2.0+21			
271	BNW-271	STR	0132	31.6867		07-29-69	1348	2DTH-KE	6-2273	1.000	2.7+20			
381	BNW-381	PU	00P3	31.6867		07-20-69	1348	0065-KE		.137	4.4+18			
381	BNW-381	PU	00P5	31.6867		07-20-69	1348	0065-KE		.136	4.4+18			
381	BNW-381	U	00U3	31.6867		07-20-69	1348	0065-KE		.179	5.8+18			
381	BNW-381	U	00U4	31.6867		07-20-69	1348	0065-KE		.175	5.6+18			
381	BNW-381	U	2331	31.6867		07-20-69	1348	0065-KE		.430	1.4+19			
384	BNW-384	BORCAR	0004	76.3979		05-29-69	2312	3BTH-KW		1.000	8.4+20			
384	BNW-384	BORCAR	0005	76.3979		05-29-69	2312	3BTH-KW		1.000	8.4+20			
384	BNW-384	BORCAR	0006	76.3979		05-29-69	2312	3BTH-KW		1.000	8.4+20			
384	BNW-384	BORCAR	0002	94.5884		04-21-69	2113	3CTH-KE		1.000	1.0+21			
384	BNW-384	BORCAR	0003	94.5884		04-21-69	2113	3CTH-KE		1.000	1.0+21			

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BM-5300-163 (7-66)

IDENTIFICATION				OPERATING TIME (DAYS)	CMK ABSORBED	CHARGE		LOCATION			EXPOSURE TO DATE NVT	DISCHARGE		SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.			DATE	TIME	FACILITY	TEST HOLE POSITION	POSITION FACTOR		DATE	TIME	
THE FOLLOWING IRRADIATIONS ARE AWAITING DISPOSITION.														
177		GRAPH	A0A6	508.4286		09-22-67	0608	3ATH-KE	0-2984	1.000	4.5+21	07-03-69	1353	
177		GRAPH	A0D2	508.4286		09-22-67	0608	3ATH-KE	0-2977	1.000	4.5+21	07-03-69	1353	
177		GRAPH	A0D3	508.4286		09-22-67	0608	3ATH-KE	0-2981	1.000	4.5+21	07-03-69	1353	

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IDENTIFICATION				OPERATING TIME (DAYS)	C M K ABSORBED	CHARGE		LOCATION			EXPOSURE TO DATE NVT	DISCHARGE		SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.			DATE	TIME	FACILITY	TEST HOLE POSITION	POSITION FACTOR		DATE	TIME	
THE FOLLOWING IRRADIATIONS WERE SHIPPED DURING THE MONTH														
041	BNW-041	ALUM	0001	64,8818		05-28-69	1426	3865-KE		.942	8,8+20	08-31-69	2400	08-31-69
041	BNW-041	ALUM	0002	64,8818		05-28-69	1426	3865-KE		.976	9,1+20	08-31-69	2400	08-31-69
041	BNW-041	ALUM	0003	64,8818		05-28-69	1426	3865-KE		.996	9,3+20	08-31-69	2400	08-31-69
041	BNW-041	ALUM	0004	64,8818		05-28-69	1426	3865-KE		1.000	9,3+20	08-31-69	2400	08-31-69
041	BNW-041	ALUM	0005	64,8818		05-28-69	1426	3865-KE		.988	9,2+20	08-31-69	2400	08-31-69
041	BNW-041	ALUM	0006	64,8818		05-28-69	1426	3865-KE		.960	9,0+20	08-31-69	2400	08-31-69
172	BNW-172	VARIOS	2128	.0014		08-07-69	1337	2ATH-KW		1.000	8,3+14	08-07-69	1339	08-11-69
172	BNW-172	VARIOS	2129	1,0000		08-07-69	1340	2ATH-KW		1.000	5,9+17	08-08-69	1340	08-11-69
172	BNW-172	CL	2130	.0139		08-04-69	0635	2ATH-KW		1.000	1,1+16	08-04-69	0655	08-04-69
172	BNW-172	RESIN	2136	.5069		08-11-69	1520	2ATH-KW		1.000	3,0+17	08-12-69	0730	08-12-69
172	BNW-172	RESIN	2137	.5069		08-11-69	1520	2ATH-KW		1.000	3,4+17	08-12-69	0730	08-12-69
172	BNW-172	RESIN	2138	.5069		08-11-69	1520	2ATH-KW		1.000	3,9+17	08-12-69	0730	08-12-69
172	BNW-172	FILTER	2208	.0014		08-19-69	1043	2ATH-KW		1.000	1,2+16	08-19-69	1045	08-19-69
172	BNW-172	FILTER	2209	.0014		08-19-69	1043	2ATH-KW		1.000	1,2+16	08-19-69	1045	08-19-69
172	BNW-172	FILTER	2210	.0014		08-19-69	1043	2ATH-KW		1.000	1,2+16	08-19-69	1045	08-19-69
172	BNW-172	FILTER	2211	.0014		08-19-69	1043	2ATH-KW		1.000	1,2+16	08-19-69	1045	08-19-69
172	BNW-172	FILTER	2212	.0069		08-19-69	1055	2ATH-KW		1.000	5,8+16	08-19-69	1105	08-19-69
172	BNW-172	FILTER	2213	.0069		08-19-69	1055	2ATH-KW		1.000	5,8+16	08-19-69	1105	08-19-69
172	BNW-172	FILTER	2214	.0069		08-19-69	1055	2ATH-KW		1.000	5,8+16	08-19-69	1105	08-19-69
172	BNW-172	FILTER	2215	.0069		08-19-69	1055	2ATH-KW		1.000	5,8+16	08-19-69	1105	08-19-69
172	BNW-172	VARIOS	2216	.0069		08-26-69	0820	2ATH-KW		1.000	1,2+16	08-26-69	0830	08-28-69
172	BNW-172	BIO	2217	.0208		08-30-69	0900	2ATH-KW		1.000	1,8+17	08-30-69	0930	09-02-69
172	BNW-172	BIO	2218	.0208		08-30-69	0900	2ATH-KW		1.000	1,8+17	08-30-69	0930	09-02-69
172	BNW-172	BIO	2219	.0208		08-30-69	0900	2ATH-KW		1.000	1,8+17	08-30-69	0930	09-02-69
172	BNW-172	BIO	2220	.0208		08-30-69	0900	2ATH-KW		1.000	1,8+17	08-30-69	0930	09-02-69
172	BNW-172	BIO	2221	.0208		08-30-69	0900	2ATH-KW		1.000	1,8+17	08-30-69	0930	09-02-69
172	BNW-172	BIO	2222	.0208		08-30-69	0900	2ATH-KW		1.000	1,8+17	08-30-69	0930	09-02-69
172	BNW-172	BIO	2223	.0208		08-30-69	0900	2ATH-KW		1.000	1,8+17	08-30-69	0930	09-02-69
172	BNW-172	BIO	2224	.0208		08-30-69	0900	2ATH-KW		1.000	1,8+17	08-30-69	0930	09-02-69
172	BNW-172	WATER	2131	.0021		08-07-69	0945	2DTH-KE		1.000	1,8+16	08-07-69	0948	08-08-69
172	BNW-172	WATER	2132	.0021		08-07-69	0948	2DTH-KE		1.000	1,8+16	08-07-69	0951	08-08-69
172	BNW-172	WATER	2133	.0021		08-07-69	0951	2DTH-KE		1.000	1,8+16	08-07-69	0954	08-08-69
172	BNW-172	WATER	2134	.0021		08-07-69	0954	2DTH-KE		1.000	1,8+16	08-07-69	0957	08-08-69
172	BNW-172	WATER	2135	.0021		08-07-69	0957	2DTH-KE		1.000	1,8+16	08-07-69	1000	08-08-69
172	BNW-172	METEOR	2139	.0007		08-15-69	0900	2DTH-KE		1.000	4,1+14	08-15-69	0901	08-18-69
172	BNW-172	METEOR	2140	.0007		08-15-69	0902	2DTH-KE		1.000	4,1+14	08-15-69	0903	08-18-69
172	BNW-172	METEOR	2141	.0007		08-15-69	0903	2DTH-KE		1.000	4,1+14	08-15-69	0904	08-18-69
172	BNW-172	METEOR	2142	.0007		08-15-69	0904	2DTH-KE		1.000	4,1+14	08-15-69	0905	08-18-69

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IDENTIFICATION				OPERATING TIME (DAYS)	C M K ABSORBED	CHARGE		LOCATION			EXPOSURE TO DATE NVT	DISCHARGE		SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.			DATE	TIME	FACILITY	TEST HOLE POSITION	POSITION FACTOR		DATE	TIME	
THE FOLLOWING IRRADIATIONS WERE SHIPPED DURING THE MONTH														
172	BNW-172	METEOR	2143	.0007		08-15-69	0906	2DTH-KE		1.000	4.1+14	08-15-69	0907	08-18-69
172	BNW-172	METEOR	2144	.0007		08-15-69	0907	2DTH-KE		1.000	4.1+14	08-15-69	0908	08-18-69
172	BNW-172	METEOR	2145	.0007		08-15-69	0909	2DTH-KE		1.000	4.1+14	08-15-69	0910	08-18-69
172	BNW-172	METEOR	2146	.0007		08-15-69	0910	2DTH-KE		1.000	4.1+14	08-15-69	0911	08-18-69
172	BNW-172	METEOR	2147	.0007		08-15-69	0911	2DTH-KE		1.000	4.1+14	08-15-69	0912	08-18-69
172	BNW-172	METEOR	2148	.0007		08-15-69	0912	2DTH-KE		1.000	4.1+14	08-15-69	0913	08-18-69
172	BNW-172	METEOR	2149	.0007		08-15-69	0913	2DTH-KE		1.000	4.1+14	08-15-69	0914	08-18-69
172	BNW-172	METEOR	2150	.0007		08-15-69	0914	2DTH-KE		1.000	4.1+14	08-15-69	0915	08-18-69
172	BNW-172	METEOR	2151	.0007		08-15-69	0915	2DTH-KE		1.000	4.1+14	08-15-69	0916	08-18-69
172	BNW-172	METEOR	2152	.0007		08-15-69	0916	2DTH-KE		1.000	4.1+14	08-15-69	0917	08-18-69
172	BNW-172	METEOR	2153	.0007		08-15-69	0917	2DTH-KE		1.000	4.1+14	08-15-69	0918	08-18-69
172	BNW-172	METEOR	2154	.0007		08-15-69	0918	2DTH-KE		1.000	4.1+14	08-15-69	0919	08-18-69
172	BNW-172	METEOR	2155	.0007		08-15-69	0919	2DTH-KE		1.000	4.1+14	08-15-69	0920	08-18-69
172	BNW-172	METEOR	2156	.0007		08-16-69	0900	2DTH-KE		1.000	5.3+14	08-16-69	0901	08-18-69
172	BNW-172	METEOR	2157	.0007		08-16-69	0917	2DTH-KE		1.000	5.3+14	08-16-69	0918	08-18-69
172	BNW-172	METEOR	2158	.0007		08-16-69	1001	2DTH-KE		1.000	5.3+14	08-16-69	1002	08-18-69
172	BNW-172	METEOR	2159	.0014		08-16-69	1031	2DTH-KE		1.000	1.1+15	08-16-69	1033	08-18-69
172	BNW-172	METEOR	2160	.0014		08-16-69	1050	2DTH-KE		1.000	1.1+15	08-16-69	1052	08-18-69
172	BNW-172	METEOR	2161	.0014		08-16-69	1105	2DTH-KE		1.000	1.1+15	08-16-69	1107	08-18-69
172	BNW-172	METEOR	2162	.0014		08-16-69	1123	2DTH-KE		1.000	1.1+15	08-16-69	1125	08-18-69
172	BNW-172	METEOR	2163	.0042		08-16-69	1300	2DTH-KE		1.000	3.2+15	08-16-69	1306	08-18-69
172	BNW-172	METEOR	2164	.0028		08-16-69	1321	2DTH-KE		1.000	2.1+15	08-16-69	1325	08-18-69
172	BNW-172	METEOR	2165	.0028		08-16-69	1340	2DTH-KE		1.000	2.1+15	08-16-69	1344	08-18-69
172	BNW-172	METEOR	2166	.0014		08-16-69	1351	2DTH-KE		1.000	1.1+15	08-16-69	1353	08-18-69
172	BNW-172	METEOR	2167	.0014		08-16-69	1403	2DTH-KE		1.000	1.1+15	08-16-69	1405	08-18-69
172	BNW-172	METEOR	2168	.0014		08-16-69	1435	2DTH-KE		1.000	1.1+15	08-16-69	1437	08-18-69
172	BNW-172	METEOR	2169	.0014		08-16-69	1452	2DTH-KE		1.000	1.1+15	08-16-69	1454	08-18-69
172	BNW-172	METEOR	2170	.0014		08-16-69	1506	2DTH-KE		1.000	1.1+15	08-16-69	1508	08-18-69
172	BNW-172	METEOR	2171	.0014		08-16-69	1518	2DTH-KE		1.000	1.1+15	08-16-69	1520	08-18-69
172	BNW-172	METEOR	2172	.0014		08-16-69	1531	2DTH-KE		1.000	1.1+15	08-16-69	1533	08-18-69
172	BNW-172	METEOR	2173	.0014		08-16-69	1547	2DTH-KE		1.000	1.1+15	08-16-69	1549	08-18-69
172	BNW-172	METEOR	2174	.0007		08-17-69	0900	2DTH-KE		1.000	5.3+14	08-17-69	0901	08-18-69
172	BNW-172	METEOR	2175	.0007		08-17-69	0901	2DTH-KE		1.000	5.3+14	08-17-69	0902	08-18-69
172	BNW-172	METEOR	2176	.0007		08-17-69	0902	2DTH-KE		1.000	5.3+14	08-17-69	0903	08-18-69
172	BNW-172	METEOR	2177	.0014		08-17-69	0904	2DTH-KE		1.000	1.1+15	08-17-69	0906	08-18-69
172	BNW-172	METEOR	2178	.0014		08-17-69	0906	2DTH-KE		1.000	1.1+15	08-17-69	0908	08-18-69
172	BNW-172	METEOR	2179	.0014		08-17-69	0908	2DTH-KE		1.000	1.1+15	08-17-69	0910	08-18-69
172	BNW-172	METEOR	2180	.0014		08-17-69	0910	2DTH-KE		1.000	1.1+15	08-17-69	0912	08-18-69

DECLASSIFIED

IDENTIFICATION				OPERATING TIME (DAYS)	CMK ABSORBED	CHARGE		LOCATION			EXPOSURE TO DATE NVT	DISCHARGE		SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.			DATE	TIME	FACILITY	TEST HOLE POSITION	POSITION FACTOR		DATE	TIME	
THE FOLLOWING IRRADIATIONS WERE SHIPPED DURING THE MONTH														
172	BNW-172	METEOR	2181	.0014		08-17-69	0913	2DTH-KE		1.000	1.1+15	08-17-69	0915	08-18-69
172	BNW-172	METEOR	2182	.0014		08-17-69	0915	2DTH-KE		1.000	1.1+15	08-17-69	0917	08-18-69
172	BNW-172	METEOR	2183	.0014		08-17-69	0918	2DTH-KE		1.000	1.1+15	08-17-69	0920	08-18-69
172	BNW-172	METEOR	2184	.0014		08-17-69	0920	2DTH-KE		1.000	1.1+15	08-17-69	0922	08-18-69
172	BNW-172	METEOR	2185	.0014		08-17-69	0922	2DTH-KE		1.000	1.1+15	08-17-69	0924	08-18-69
172	BNW-172	METEOR	2186	.0014		08-17-69	0925	2DTH-KE		1.000	1.1+15	08-17-69	0927	08-18-69
172	BNW-172	METEOR	2187	.0014		08-17-69	0927	2DTH-KE		1.000	1.1+15	08-17-69	0929	08-18-69
172	BNW-172	METEOR	2188	.0014		08-17-69	0930	2DTH-KE		1.000	1.1+15	08-17-69	0932	08-18-69
172	BNW-172	METEOR	2189	.0014		08-17-69	0932	2DTH-KE		1.000	1.1+15	08-17-69	0934	08-18-69
172	BNW-172	METEOR	2190	.0014		08-17-69	0935	2DTH-KE		1.000	1.1+15	08-17-69	0937	08-18-69
172	BNW-172	METEOR	2191	.0014		08-17-69	0937	2DTH-KE		1.000	1.1+15	08-17-69	0939	08-18-69
172	BNW-172	METEOR	2192	.0014		08-17-69	0940	2DTH-KE		1.000	1.1+15	08-17-69	0942	08-18-69
172	BNW-172	METEOR	2193	.0014		08-17-69	0942	2DTH-KE		1.000	1.1+15	08-17-69	0944	08-18-69
172	BNW-172	METEOR	2194	.0014		08-17-69	0945	2DTH-KE		1.000	1.1+15	08-17-69	0947	08-18-69
172	BNW-172	METEOR	2195	.0014		08-17-69	0947	2DTH-KE		1.000	1.1+15	08-17-69	0949	08-18-69
172	BNW-172	METEOR	2196	.0014		08-17-69	0950	2DTH-KE		1.000	1.1+15	08-17-69	0952	08-18-69
172	BNW-172	METEOR	2197	.0014		08-17-69	0952	2DTH-KE		1.000	1.1+15	08-17-69	0954	08-18-69
172	BNW-172	METEOR	2198	.0014		08-17-69	0955	2DTH-KE		1.000	1.1+15	08-17-69	0957	08-18-69
172	BNW-172	METEOR	2199	.0014		08-17-69	0957	2DTH-KE		1.000	1.1+15	08-17-69	0959	08-18-69
172	BNW-172	METEOR	2200	.0014		08-17-69	1000	2DTH-KE		1.000	1.1+15	08-17-69	1002	08-18-69
172	BNW-172	METEOR	2201	.0014		08-17-69	1002	2DTH-KE		1.000	1.1+15	08-17-69	1004	08-18-69
172	BNW-172	METEOR	2202	.0014		08-17-69	1005	2DTH-KE		1.000	1.1+15	08-17-69	1007	08-18-69
172	BNW-172	METEOR	2203	.0014		08-17-69	1007	2DTH-KE		1.000	1.1+15	08-17-69	1009	08-18-69
172	BNW-172	METEOR	2204	.0014		08-17-69	1010	2DTH-KE		1.000	1.1+15	08-17-69	1012	08-18-69
172	BNW-172	METEOR	2205	.0014		08-17-69	1012	2DTH-KE		1.000	1.1+15	08-17-69	1014	08-18-69
172	BNW-172	METEOR	2206	.0014		08-17-69	1015	2DTH-KE		1.000	1.1+15	08-17-69	1017	08-18-69
172	BNW-172	METEOR	2207	.0069		08-17-69	1018	2DTH-KE		1.000	5.3+15	08-17-69	1028	08-18-69
184	BNW-184	VARIOS	3413	.8090		08-03-69	1035	2ATH-KW		1.000	6.8+18	08-04-69	0600	08-04-69
184	BNW-184	VARIOS	3414	.8090		08-03-69	1035	2ATH-KW		1.000	6.8+18	08-04-69	0600	08-04-69
184	BNW-184	VARIOS	3415	.8229		08-04-69	1100	2ATH-KW		1.000	7.0+18	08-05-69	0645	08-05-69
184	BNW-184	VARIOS	3416	.8229		08-04-69	1100	2ATH-KW		1.000	7.0+18	08-05-69	0645	08-05-69
184	BNW-184	VARIOS	3417	.9340		08-05-69	1000	2ATH-KW		1.000	7.9+18	08-06-69	0825	08-06-69
184	BNW-184	VARIOS	3418	.9340		08-05-69	1000	2ATH-KW		1.000	7.9+18	08-06-69	0825	08-06-69
184	BNW-184	VARIOS	3423	.8854		08-12-69	0930	2ATH-KW		1.000	7.5+18	08-13-69	0645	08-13-69
184	BNW-184	VARIOS	3424	.8854		08-12-69	0930	2ATH-KW		1.000	7.5+18	08-13-69	0645	08-13-69
184	BNW-184	VARIOS	3425	.9271		08-17-69	0830	2ATH-KW		1.000	7.8+18	08-18-69	0645	08-18-69
184	BNW-184	VARIOS	3426	.9271		08-17-69	0830	2ATH-KW		1.000	7.8+18	08-18-69	0645	08-18-69
184	BNW-184	VARIOS	3427	.9271		08-24-69	0830	2ATH-KW		1.000	7.8+18	08-25-69	0645	08-25-69

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IDENTIFICATION				OPERATING TIME (DAYS)	C M K ABSORBED	CHARGE		LOCATION			EXPOSURE TO DATE NVT	DISCHARGE		SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.			DATE	TIME	FACILITY	TEST HOLE POSITION	POSITION FACTOR		DATE	TIME	
THE FOLLOWING IRRADIATIONS WERE SHIPPED DURING THE MONTH														
184	BNW-184	VARIOS	3428	.8319		08-18-69	1052	2ATH-KW		1.000	1.4+18	08-19-69	0650	08-19-69
184	BNW-184	VARIOS	3429	.8181		08-19-69	1107	2ATH-KW		1.000	6.9+18	08-20-69	0645	08-20-69
184	BNW-184	VARIOS	3430	.8181		08-19-69	1107	2ATH-KW		1.000	6.9+18	08-20-69	0645	08-20-69
184	BNW-184	VARIOS	3431	.8632		08-20-69	1002	2ATH-KW		1.000	7.3+18	08-21-69	0645	08-21-69
184	BNW-184	VARIOS	3432	.8632		08-20-69	1002	2ATH-KW		1.000	7.3+18	08-21-69	0645	08-21-69
184	BNW-184	VARIOS	3433	.9062		08-26-69	0900	2ATH-KW		1.000	7.7+18	08-27-69	0645	08-27-69
184	BNW-184	PLASTC	6615	.0014		08-04-69	1030	2ATH-KW		1.000	1.1+15	08-04-69	1032	08-05-69
184	BNW-184	PLASTC	6616	.0014		08-04-69	1032	2ATH-KW		1.000	1.1+15	08-04-69	1034	08-05-69
184	BNW-184	PLASTC	6617	.0014		08-04-69	1034	2ATH-KW		1.000	1.1+15	08-04-69	1036	08-05-69
184	BNW-184	PLASTC	6618	.0014		08-04-69	1036	2ATH-KW		1.000	1.1+15	08-04-69	1038	08-05-69
184	BNW-184	PLASTC	6619	.0014		08-04-69	1038	2ATH-KW		1.000	1.1+15	08-04-69	1040	08-05-69
184	BNW-184	PLASTC	6620	.0014		08-04-69	1040	2ATH-KW		1.000	1.1+15	08-04-69	1042	08-05-69
184	BNW-184	PLASTC	6621	.0014		08-04-69	1042	2ATH-KW		1.000	1.1+15	08-04-69	1044	08-05-69
184	BNW-184	PLASTC	6622	.0014		08-04-69	1044	2ATH-KW		1.000	1.1+15	08-04-69	1046	08-05-69
184	BNW-184	PLASTC	6623	.0014		08-04-69	1046	2ATH-KW		1.000	1.1+15	08-04-69	1048	08-05-69
184	BNW-184	PLASTC	6624	.0014		08-04-69	1048	2ATH-KW		1.000	1.1+15	08-04-69	1050	08-05-69
184	BNW-184	PLASTC	6625	.0014		08-04-69	1050	2ATH-KW		1.000	1.1+15	08-04-69	1052	08-05-69
184	BNW-184	PLASTC	6643	.0014		08-18-69	1035	2ATH-KW		1.000	1.1+15	08-18-69	1037	08-19-69
184	BNW-184	PLASTC	6644	.0014		08-18-69	1038	2ATH-KW		1.000	1.1+15	08-18-69	1040	08-19-69
184	BNW-184	PLASTC	6645	.0014		08-18-69	1041	2ATH-KW		1.000	1.1+15	08-18-69	1043	08-19-69
184	BNW-184	PLASTC	6646	.0014		08-18-69	1045	2ATH-KW		1.000	1.1+15	08-18-69	1047	08-19-69
184	BNW-184	PLASTC	6647	.0014		08-18-69	1048	2ATH-KW		1.000	1.1+15	08-18-69	1050	08-19-69
184	BNW-184	PLASTC	6648	.0014		08-25-69	1316	2ATH-KW		1.000	1.1+15	08-25-69	1318	08-26-69
184	BNW-184	PLASTC	6649	.0014		08-25-69	1319	2ATH-KW		1.000	1.1+15	08-25-69	1321	08-26-69
184	BNW-184	PLASTC	6650	.0014		08-25-69	1322	2ATH-KW		1.000	1.1+15	08-25-69	1324	08-26-69
184	BNW-184	PLASTC	6651	.0014		08-25-69	1325	2ATH-KW		1.000	1.1+15	08-25-69	1327	08-26-69
184	BNW-184	PLASTC	6652	.0014		08-25-69	1328	2ATH-KW		1.000	1.1+15	08-25-69	1330	08-26-69
184	BNW-184	PLASTC	6653	.0014		08-25-69	1331	2ATH-KW		1.000	1.1+15	08-25-69	1333	08-26-69
184	BNW-184	PLASTC	6654	.0014		08-25-69	1334	2ATH-KW		1.000	1.1+15	08-25-69	1336	08-26-69
184	BNW-184	PLASTC	6655	.0014		08-25-69	1337	2ATH-KW		1.000	1.1+15	08-25-69	1339	08-26-69
184	BNW-184	PLASTC	6656	.0014		08-25-69	1340	2ATH-KW		1.000	1.1+15	08-25-69	1342	08-26-69
184	BNW-184	PLASTC	6657	.0014		08-25-69	1343	2ATH-KW		1.000	1.1+15	08-25-69	1345	08-26-69
184	BNW-184	PLASTC	6658	.0014		08-25-69	1346	2ATH-KW		1.000	1.1+15	08-25-69	1348	08-26-69
184	BNW-184	PLASTC	6659	.0014		08-25-69	1349	2ATH-KW		1.000	1.1+15	08-25-69	1351	08-26-69
184	BNW-184	PLASTC	6660	.0014		08-25-69	1352	2ATH-KW		1.000	1.1+15	08-25-69	1354	08-26-69
184	BNW-184	PLASTC	6661	.0014		08-25-69	1355	2ATH-KW		1.000	1.1+15	08-25-69	1357	08-26-69
184	BNW-184	PLASTC	6662	.0014		08-25-69	1358	2ATH-KW		1.000	1.1+15	08-25-69	1400	08-26-69
184	BNW-184	PLASTC	6663	.0014		08-25-69	1401	2ATH-KW		1.000	1.1+15	08-25-69	1403	08-26-69

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IDENTIFICATION			CHARGE			LOCATION			DISCHARGE			SHIPPING		
TJR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.	OPERATING TIME (DAYS)	CMK ABSORBED	DATE	TIME	FACILITY	TEST HOLE POSITION	POSITION FACTOR	EXPOSURE TO DATE NVT	DATE	TIME	SHIPPING DATE
THE FOLLOWING IRRADIATIONS WERE SHIPPED DURING THE MONTH														
184	BNW-184	PLASTC	6664	.0014		08-25-69	1404	2ATH-KW		1.000	1.1+15	08-25-69	1406	08-26-69
184	BNW-184	PLASTC	6665	.0014		08-25-69	1407	2ATH-KW		1.000	1.1+15	08-25-69	1409	08-26-69
184	BNW-184	PLASTC	6666	.0014		08-25-69	1410	2ATH-KW		1.000	1.1+15	08-25-69	1412	08-26-69
184	BNW-184	PLASTC	6667	.0014		08-25-69	1413	2ATH-KW		1.000	1.1+15	08-25-69	1415	08-26-69
184	BNW-184	PLASTC	6668	.0014		08-25-69	1416	2ATH-KW		1.000	1.1+15	08-25-69	1418	08-26-69
184	BNW-184	PLASTC	6669	.0014		08-25-69	1419	2ATH-KW		1.000	1.1+15	08-25-69	1421	08-26-69
184	BNW-184	PLASTC	6670	.0014		08-25-69	1422	2ATH-KW		1.000	1.1+15	08-25-69	1424	08-26-69
184	BNW-184	PLASTC	6671	.0014		08-25-69	1425	2ATH-KW		1.000	1.1+15	08-25-69	1427	08-26-69
184	BNW-184	PLASTC	6672	.0014		08-25-69	1428	2ATH-KW		1.000	1.1+15	08-25-69	1430	08-26-69
184	BNW-184	PLASTC	6673	.0014		08-25-69	1431	2ATH-KW		1.000	1.1+15	08-25-69	1433	08-26-69
184	BNW-184	PLASTC	6674	.0014		08-25-69	1434	2ATH-KW		1.000	1.1+15	08-25-69	1436	08-26-69
184	BNW-184	PLASTC	6675	.0014		08-25-69	1437	2ATH-KW		1.000	1.1+15	08-25-69	1439	08-26-69
184	BNW-184	PLASTC	6676	.0014		08-25-69	1440	2ATH-KW		1.000	1.1+15	08-25-69	1442	08-26-69
184	BNW-184	PLASTC	6677	.0014		08-25-69	1443	2ATH-KW		1.000	1.1+15	08-25-69	1445	08-26-69
184	BNW-184	PLASTC	6678	.0014		08-25-69	1446	2ATH-KW		1.000	1.1+15	08-25-69	1448	08-26-69
184	BNW-184	VARIOS	3419	.8229		08-06-69	1100	2DTH-KE		1.000	7.0+18	08-07-69	0645	08-07-69
184	BNW-184	VARIOS	3420	.8229		08-06-69	1100	2DTH-KE		1.000	7.0+18	08-07-69	0645	08-07-69
184	BNW-184	VARIOS	3421	.8993		08-10-69	0910	2DTH-KE		1.000	7.6+18	08-11-69	0645	08-11-69
184	BNW-184	VARIOS	3422	.8993		08-10-69	0910	2DTH-KE		1.000	7.6+18	08-11-69	0645	08-11-69
184	BNW-184	PLASTC	6626	.0014		08-09-69	0935	2DTH-KE		1.000	1.1+15	08-09-69	0937	08-11-69
184	BNW-184	PLASTC	6627	.0014		08-09-69	0937	2DTH-KE		1.000	1.1+15	08-09-69	0939	08-11-69
184	BNW-184	PLASTC	6628	.0014		08-09-69	0940	2DTH-KE		1.000	1.1+15	08-09-69	0942	08-11-69
184	BNW-184	PLASTC	6629	.0014		08-09-69	0942	2DTH-KE		1.000	1.1+15	08-09-69	0944	08-11-69
184	BNW-184	PLASTC	6630	.0014		08-09-69	0945	2DTH-KE		1.000	1.1+15	08-09-69	0947	08-11-69
184	BNW-184	PLASTC	6631	.0014		08-09-69	0947	2DTH-KE		1.000	1.1+15	08-09-69	0949	08-11-69
184	BNW-184	PLASTC	6632	.0014		08-09-69	0950	2DTH-KE		1.000	1.1+15	08-09-69	0952	08-11-69
184	BNW-184	PLASTC	6633	.0014		08-09-69	0952	2DTH-KE		1.000	1.1+15	08-09-69	0954	08-11-69
184	BNW-184	PLASTC	6634	.0014		08-09-69	0955	2DTH-KE		1.000	1.1+15	08-09-69	0957	08-11-69
184	BNW-184	PLASTC	6635	.0014		08-09-69	0958	2DTH-KE		1.000	1.1+15	08-09-69	1000	08-11-69
184	BNW-184	PLASTC	6636	.0014		08-09-69	1001	2DTH-KE		1.000	1.1+15	08-09-69	1003	08-11-69
184	BNW-184	PLASTC	6637	.0014		08-09-69	1004	2DTH-KE		1.000	1.1+15	08-09-69	1006	08-11-69
184	BNW-184	PLASTC	6638	.0014		08-09-69	1007	2DTH-KE		1.000	1.1+15	08-09-69	1008	08-11-69
184	BNW-184	PLASTC	6639	.0014		08-09-69	1009	2DTH-KE		1.000	1.1+15	08-09-69	1011	08-11-69
184	BNW-184	PLASTC	6640	.0014		08-09-69	1012	2DTH-KE		1.000	1.1+15	08-09-69	1014	08-11-69
184	BNW-184	PLASTC	6641	.0014		08-09-69	1015	2DTH-KE		1.000	1.1+15	08-09-69	1017	08-11-69
184	BNW-184	PLASTC	6642	.0014		08-09-69	1018	2DTH-KE		1.000	1.1+15	08-09-69	1020	08-11-69
243	BNW-184	VRS	0172	115.3774		07-30-68	1455	4CTH-KW		1.000	1.3+21	02-24-69	1350	08-21-69
243	BNW-184	CARBON	0177	154.8160		10-24-68	1345	4CTH-KW		1.000	1.7+21	07-01-69	1500	08-21-69

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IDENTIFICATION				OPERATING TIME (DAYS)	C M K ABSORBED	CHARGE		LOCATION			EXPOSURE TO DATE NVT	DISCHARGE		SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.			DATE	TIME	FACILITY	TEST HOLE POSITION	POSITION FACTOR		DATE	TIME	
THE FOLLOWING IRRADIATIONS WERE SHIPPED DURING THE MONTH														
243	BNW-243	TENSIL	0181	102,4896		02-13-69	1320	4CTH-KW		1.000	1.1+21	07-01-69	1500	08-21-69
271	BNW-271	AR	0135	,7361		08-05-69	1445	2ATH-KW		1.000	6.2+18	08-06-69	0825	08-07-69
271	BNW-271	DEPU	0136	3,8229		08-15-69	1100	2ATH-KW		1.000	3.2+19	08-19-69	0645	08-26-69
271	BNW-271	DEPU	0134	2,8403		07-31-69	1310	2DTH-KE		1.000	2.4+19	08-03-69	0920	08-05-69
381	BNW-381	PU	00P2	62,9017		04-21-69	2113	0065-KE		.136	8.7+18	07-03-69	1353	08-10-69
381	BNW-381	PU	00P4	62,9017		04-21-69	2113	0065-KE		.137	8.7+18	07-03-69	1353	08-10-69
381	BNW-381	U	00U5	62,9017		04-21-69	2113	0065-KE		.175	1.1+19	07-03-69	1353	08-10-69
381	BNW-381	U	00U6	62,9017		04-21-69	2113	0065-KE		.179	1.1+19	07-03-69	1353	08-10-69
384	BNW-384	BORCAR	0001	62,9017		04-21-69	2113	3CTH-KE		1.000	6.9+20	07-03-69	1353	08-10-69
396	BNW-396	SS	4-38	76,3979		05-29-69	2312	3BTH-KW		1.000	8.4+20	08-31-69		08-31-69

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