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TITLE

STATUS OF IRRADIATIONS PERFORMED BY TESTING AND IRRADIATION SERVICES FOR BNW AS OF JULY 31, 1969

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L. V. Barker

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STATUS OF IRRADIATIONS PERFORMED BY TESTING AND IRRADIATION SERVICES FOR BNW AS OF JULY 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.

T. F. Deahl for L. V. Barker
Supervisor
Irradiation Testing

LV Barker/k

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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 IN PROGRESS.														
041	BNW-041	ALUM	0001	44,0562		05-28-69	1426	3865-KE		.942	6,0+20			
041	BNW-041	ALUM	0002	44,0562		05-28-69	1426	3865-KE		.976	6,2+20			
041	BNW-041	ALUM	0003	44,0562		05-28-69	1426	3865-KE		.996	6,3+20			
041	BNW-041	ALUM	0004	44,0562		05-28-69	1426	3865-KE		1.000	6,3+20			
041	BNW-041	ALUM	0005	44,0562		05-28-69	1426	3865-KE		.988	6,3+20			
041	BNW-041	ALUM	0006	44,0562		05-28-69	1426	3865-KE		.960	6,1+20			
177	BNW-177	GRAPH	GP-1	8,3819		07-23-69	1450	3ATH-KW		1.000	7,1+19			
177	BNW-177	GRAPH	GP-2	7,5972		07-24-69	0940	3DTH-KW		1.000	6,4+19			
177	BNW-177	GRAPH	0C-6	129,5796		01-25-69	0856	4BTH-KE	0-4366	1.000	1,4+21			
177	BNW-177	GRAPH	0140	129,5796		01-25-69	0856	4BTH-KE	0-4379	1.000	1,4+21			
177	BNW-177	GRAPH	0143	129,5796		01-25-69	0856	4BTH-KE	0-4376	1.000	1,4+21			
177	BNW-177	GRAPH	0188	129,5796		01-25-69	0856	4BTH-KE	0-4363	1.000	1,4+21			
177	BNW-177	GRAPH	0189	129,5796		01-25-69	0856	4BTH-KE	0-4357	1.000	1,4+21			
177	BNW-177	GRAPH	0190	129,5796		01-25-69	0856	4BTH-KE	0-4373	1.000	1,4+21			
177	BNW-177	GRAPH	0191	129,5796		01-25-69	0856	4BTH-KE	0-4369	1.000	1,4+21			
177	BNW-177	GRAPH	0192	129,5796		01-25-69	0856	4BTH-KE	0-4354	1.000	1,4+21			
177	BNW-177	GRAPH	0193	129,5796		01-25-69	0856	4BTH-KE	0-4360	1.000	1,4+21			
236		SS	1V36	292,6216		06-11-68	1400	3CTH-KW		1.000	3,3+21			
236		ZIRC	4-30	413,7610		01-14-68	2019	3CTH-KW		1.000	4,9+21			
236		ZIRC	4-25	413,7610		01-14-68	2019	3DTH-KW		1.000	3,6+21			
243		CARBON	0178	158,8480		10-24-68	1345	4CTH-KW		1.000	1,7+21			
271	BNW-271	STR	0132	10,8611		07-29-69	1348	2DTH-KE	6-2273	1.000	9,2+19			
381	BNW-381	PU	00P3	10,8611		07-20-69	1348	0065-KE		.137	1,5+18			
381	BNW-381	PU	00P5	10,8611		07-20-69	1348	0065-KE		.136	1,5+18			
381	BNW-381	U	00U3	10,8611		07-20-69	1348	0065-KE		.179	2,0+18			
381	BNW-381	U	00U4	10,8611		07-20-69	1348	0065-KE		.175	1,9+18			
381	BNW-381	U	2331	10,8611		07-20-69	1348	0065-KE		.430	4,7+18			
384	BNW-384	BORCAR	0004	49,6832		05-29-69	2312	3BTH-KW		1.000	5,5+20			
384	BNW-384	BORCAR	0005	49,6832		05-29-69	2312	3BTH-KW		1.000	5,5+20			
384	BNW-384	BORCAR	0006	49,6832		05-29-69	2312	3BTH-KW		1.000	5,5+20			
384	BNW-384	BORCAR	0002	73,7628		04-21-69	2113	3CTH-KE		1.000	8,1+20			
384	BNW-384	BORCAR	0003	73,7628		04-21-69	2113	3CTH-KE		1.000	8,1+20			
396	BNW-396	SS	4-38	49,6832		05-29-69	2312	3BTH-KW		1.000	5,5+20			

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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	
243		VRS	0172	115,3774		07-30-68	1455	4CTH-KW		1,000	1,3+21	02-24-69	1350	
243		CARBON	0177	154,8160		10-24-68	1345	4CTH-KW		1,000	1,7+21	07-01-69	1500	
243	BNW-243	TENSIL	0181	102,4896		02-13-69	1320	4CTH-KW		1,000	1,1+21	07-01-69	1500	
381	BNW-381	PU	00P2	62,9017		04-21-69	2113	0065-KE		,136	8,7+18	07-03-69	1353	
381	BNW-381	PU	00P4	62,9017		04-21-69	2113	0065-KE		,137	8,7+18	07-03-69	1353	
381	BNW-381	U	00U5	62,9017		04-21-69	2113	0065-KE		,175	1,1+19	07-03-69	1353	
381	BNW-381	U	00U6	62,9017		04-21-69	2113	0065-KE		,179	1,1+19	07-03-69	1353	
384	BNW-384	BORCAR	0001	62,9017		04-21-69	2113	3CTH-KE		1,000	6,9+20	07-03-69	1353	

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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	BIO	1890	1.0000		06-17-69	1110	2ATH-KW		1.000	8.5+18	06-18-69	1110	06-20-69
172	BNW-172	BIO	1891	1.0000		06-17-69	1110	2ATH-KW		1.000	8.5+18	06-18-69	1110	06-20-69
172	BNW-172	BIO	1892	1.0000		06-17-69	1110	2ATH-KW		1.000	8.5+18	06-18-69	1110	06-20-69
172	BNW-172	BIO	1893	1.0000		06-17-69	1110	2ATH-KW		1.000	8.5+18	06-18-69	1110	06-20-69
172	BNW-172	BIO	1894	1.0000		06-17-69	1110	2ATH-KW		1.000	8.5+18	06-18-69	1110	06-20-69
172	BNW-172	BIO	1895	1.0000		06-17-69	1110	2ATH-KW		1.000	8.5+18	06-18-69	1110	06-20-69
172	BNW-172	RESIN	1950	.5000		07-03-69	2100	2ATH-KW		1.000	3.8+17	07-04-69	0900	07-08-69
172	BNW-172	RESIN	1951	.5000		07-03-69	2100	2ATH-KW		1.000	3.8+17	07-04-69	0900	07-08-69
172	BNW-172	BIO	1952	.0208		07-05-69	0845	2ATH-KW		1.000	1.8+17	07-05-69	0915	07-06-69
172	BNW-172	BIO	1953	.0208		07-05-69	0845	2ATH-KW		1.000	1.8+17	07-05-69	0915	07-06-69
172	BNW-172	BIO	1954	.0208		07-05-69	0845	2ATH-KW		1.000	1.8+17	07-05-69	0915	07-06-69
172	BNW-172	BIO	1955	.0208		07-05-69	0845	2ATH-KW		1.000	1.8+17	07-05-69	0915	07-06-69
172	BNW-172	BIO	1956	.0208		07-05-69	0845	2ATH-KW		1.000	1.8+17	07-05-69	0915	07-06-69
172	BNW-172	BIO	1957	.0208		07-05-69	1000	2ATH-KW		1.000	1.8+17	07-05-69	1030	07-06-69
172	BNW-172	BIO	1958	.0208		07-05-69	1000	2ATH-KW		1.000	1.8+17	07-05-69	1030	07-06-69
172	BNW-172	BIO	1959	.0208		07-05-69	1000	2ATH-KW		1.000	1.8+17	07-05-69	1030	07-06-69
172	BNW-172	BIO	1960	.0208		07-05-69	1000	2ATH-KW		1.000	1.8+17	07-05-69	1030	07-06-69
172	BNW-172	BIO	1961	.0208		07-05-69	1000	2ATH-KW		1.000	1.8+17	07-05-69	1030	07-06-69
172	BNW-172	CU-MG	2016	.0069		07-24-69	0545	2ATH-KW		1.000	5.8+16	07-25-69	0555	07-24-69
172	BNW-172	EUTB	2038	.0035		07-26-69	1015	2ATH-KW		1.000	3.0+16	07-26-69	1020	07-29-69
172	BNW-172	EUTB	2039	.0035		07-26-69	1015	2ATH-KW		1.000	3.0+16	07-26-69	1020	07-29-69
172	BNW-172	EUTB	2040	.0035		07-26-69	1015	2ATH-KW		1.000	3.0+16	07-26-69	1020	07-29-69
172	BNW-172	EUTB	2041	.0035		07-26-69	1015	2ATH-KW		1.000	3.0+16	07-26-69	1020	07-29-69
172	BNW-172	EUTB	2042	.0035		07-26-69	1015	2ATH-KW		1.000	3.0+16	07-26-69	1020	07-29-69
172	BNW-172	EUTB	2043	.0035		07-26-69	1015	2ATH-KW		1.000	3.0+16	07-26-69	1020	07-29-69
172	BNW-172	EUTB	2044	.0035		07-26-69	1015	2ATH-KW		1.000	3.0+16	07-26-69	1020	07-29-69
172	BNW-172	EUTB	2045	.0035		07-26-69	1015	2ATH-KW		1.000	3.0+16	07-26-69	1020	07-29-69
172	BNW-172	RESIN	2046	.0035		07-26-69	1028	2ATH-KW		1.000	3.0+16	07-26-69	1033	07-29-69
172	BNW-172	RESIN	2047	.0035		07-26-69	1028	2ATH-KW		1.000	3.0+16	07-26-69	1033	07-29-69
172	BNW-172	RESIN	2048	.0035		07-26-69	1028	2ATH-KW		1.000	3.0+16	07-26-69	1033	07-29-69
172	BNW-172	RESIN	2049	.0035		07-26-69	1028	2ATH-KW		1.000	3.0+16	07-26-69	1033	07-29-69
172	BNW-172	RESIN	2050	.0035		07-26-69	1028	2ATH-KW		1.000	3.0+16	07-26-69	1033	07-29-69
172	BNW-172	RESIN	2051	.0035		07-26-69	1028	2ATH-KW		1.000	3.0+16	07-26-69	1033	07-29-69
172	BNW-172	RESIN	2052	.0035		07-26-69	1115	2ATH-KW		1.000	3.0+16	07-26-69	1120	07-29-69
172	BNW-172	RESIN	2053	.0035		07-26-69	1115	2ATH-KW		1.000	3.0+16	07-26-69	1120	07-29-69
172	BNW-172	RESIN	2054	.0035		07-26-69	1115	2ATH-KW		1.000	3.0+16	07-26-69	1120	07-29-69
172	BNW-172	RESIN	2055	.0035		07-26-69	1115	2ATH-KW		1.000	3.0+16	07-26-69	1120	07-29-69
172	BNW-172	RESIN	2056	.0035		07-26-69	1115	2ATH-KW		1.000	3.0+16	07-26-69	1120	07-29-69

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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 WERE SHIPPED DURING THE MONTH														
172	BNW-172	RESIN	2057	.0035		07-26-69	1115	2ATH-KW		1.000	3.0+16	07-26-69	1120	07-29-69
172	BNW-172	RESIN	2058	.0035		07-26-69	1300	2ATH-KW		1.000	3.0+16	07-26-69	1305	07-29-69
172	BNW-172	RESIN	2059	.0035		07-26-69	1300	2ATH-KW		1.000	3.0+16	07-26-69	1305	07-29-69
172	BNW-172	RESIN	2060	.0035		07-26-69	1300	2ATH-KW		1.000	3.0+16	07-26-69	1305	07-29-69
172	BNW-172	RESIN	2061	.0035		07-26-69	1300	2ATH-KW		1.000	3.0+16	07-26-69	1305	07-29-69
172	BNW-172	RESIN	2062	.0035		07-26-69	1300	2ATH-KW		1.000	3.0+16	07-26-69	1305	07-29-69
172	BNW-172	RESIN	2063	.0035		07-26-69	1300	2ATH-KW		1.000	3.0+16	07-26-69	1305	07-29-69
172	BNW-172	RESIN	2064	.0035		07-26-69	1315	2ATH-KW		1.000	3.0+16	07-26-69	1320	07-29-69
172	BNW-172	RESIN	2065	.0035		07-26-69	1315	2ATH-KW		1.000	3.0+16	07-26-69	1320	07-29-69
172	BNW-172	RESIN	2066	.0035		07-26-69	1315	2ATH-KW		1.000	3.0+16	07-26-69	1320	07-29-69
172	BNW-172	RESIN	2067	.0035		07-26-69	1315	2ATH-KW		1.000	3.0+16	07-26-69	1320	07-29-69
172	BNW-172	RESIN	2068	.0035		07-26-69	1315	2ATH-KW		1.000	3.0+16	07-26-69	1320	07-29-69
172	BNW-172	RESIN	2069	.0035		07-26-69	1315	2ATH-KW		1.000	3.0+16	07-26-69	1320	07-29-69
172	BNW-172	RESIN	2070	.0035		07-26-69	1325	2ATH-KW		1.000	3.0+16	07-26-69	1330	07-29-69
172	BNW-172	RESIN	2071	.0035		07-26-69	1325	2ATH-KW		1.000	3.0+16	07-26-69	1330	07-29-69
172	BNW-172	RESIN	2072	.0035		07-26-69	1325	2ATH-KW		1.000	3.0+16	07-26-69	1330	07-29-69
172	BNW-172	RESIN	2073	.0035		07-26-69	1325	2ATH-KW		1.000	3.0+16	07-26-69	1330	07-29-69
172	BNW-172	RESIN	2074	.0035		07-26-69	1325	2ATH-KW		1.000	3.0+16	07-26-69	1330	07-29-69
172	BNW-172	RESIN	2075	.0035		07-26-69	1325	2ATH-KW		1.000	3.0+16	07-26-69	1330	07-29-69
172	BNW-172	RESIN	2076	.0035		07-26-69	1406	2ATH-KW		1.000	3.0+16	07-26-69	1411	07-29-69
172	BNW-172	RESIN	2077	.0035		07-26-69	1406	2ATH-KW		1.000	3.0+16	07-26-69	1411	07-29-69
172	BNW-172	RESIN	2078	.0035		07-26-69	1406	2ATH-KW		1.000	3.0+16	07-26-69	1411	07-29-69
172	BNW-172	RESIN	2079	.0035		07-26-69	1406	2ATH-KW		1.000	3.0+16	07-26-69	1411	07-29-69
172	BNW-172	RESIN	2080	.0035		07-26-69	1406	2ATH-KW		1.000	3.0+16	07-26-69	1411	07-29-69
172	BNW-172	RESIN	2081	.0035		07-26-69	1406	2ATH-KW		1.000	3.0+16	07-26-69	1411	07-29-69
172	BNW-172	RESIN	2082	.0035		07-26-69	1406	2ATH-KW		1.000	3.0+16	07-26-69	1411	07-29-69
172	BNW-172	RESIN	2083	.0035		07-26-69	1415	2ATH-KW		1.000	3.0+16	07-26-69	1420	07-29-69
172	BNW-172	RESIN	2084	.0035		07-26-69	1415	2ATH-KW		1.000	3.0+16	07-26-69	1420	07-29-69
172	BNW-172	RESIN	2085	.0035		07-26-69	1415	2ATH-KW		1.000	3.0+16	07-26-69	1420	07-29-69
172	BNW-172	RESIN	2086	.0035		07-26-69	1415	2ATH-KW		1.000	3.0+16	07-26-69	1420	07-29-69
172	BNW-172	RESIN	2087	.0035		07-26-69	1415	2ATH-KW		1.000	3.0+16	07-26-69	1420	07-29-69
172	BNW-172	RESIN	2088	.0035		07-26-69	1415	2ATH-KW		1.000	3.0+16	07-26-69	1420	07-29-69
172	BNW-172	RESIN	2089	.0035		07-26-69	1424	2ATH-KW		1.000	3.0+16	07-26-69	1429	07-29-69
172	BNW-172	RESIN	2090	.0035		07-26-69	1424	2ATH-KW		1.000	3.0+16	07-26-69	1429	07-29-69
172	BNW-172	RESIN	2091	.0035		07-26-69	1424	2ATH-KW		1.000	3.0+16	07-26-69	1429	07-29-69
172	BNW-172	RESIN	2092	.0035		07-26-69	1424	2ATH-KW		1.000	3.0+16	07-26-69	1429	07-29-69
172	BNW-172	RESIN	2093	.0035		07-26-69	1424	2ATH-KW		1.000	3.0+16	07-26-69	1429	07-29-69
172	BNW-172	RESIN	2094	.0035		07-26-69	1424	2ATH-KW		1.000	3.0+16	07-26-69	1429	07-29-69

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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	RESIN	2095	.0035		07-26-69	1432	2ATH-KW		1.000	3.0+16	07-26-69	1437	07-29-69
172	BNW-172	RESIN	2096	.0035		07-26-69	1432	2ATH-KW		1.000	3.0+16	07-26-69	1437	07-29-69
172	BNW-172	RESIN	2097	.0035		07-26-69	1432	2ATH-KW		1.000	3.0+16	07-26-69	1437	07-29-69
172	BNW-172	RESIN	2098	.0035		07-26-69	1432	2ATH-KW		1.000	3.0+16	07-26-69	1437	07-29-69
172	BNW-172	RESIN	2099	.0035		07-26-69	1432	2ATH-KW		1.000	3.0+16	07-26-69	1437	07-29-69
172	BNW-172	RESIN	2100	.0035		07-26-69	1432	2ATH-KW		1.000	3.0+16	07-26-69	1437	07-29-69
172	BNW-172	RESIN	2101	.0035		07-26-69	1443	2ATH-KW		1.000	3.0+16	07-26-69	1448	07-29-69
172	BNW-172	RESIN	2102	.0035		07-26-69	1443	2ATH-KW		1.000	3.0+16	07-26-69	1448	07-29-69
172	BNW-172	RESIN	2103	.0035		07-26-69	1443	2ATH-KW		1.000	3.0+16	07-26-69	1448	07-29-69
172	BNW-172	RESIN	2104	.0035		07-26-69	1443	2ATH-KW		1.000	3.0+16	07-26-69	1448	07-29-69
172	BNW-172	RESIN	2105	.0035		07-26-69	1443	2ATH-KW		1.000	3.0+16	07-26-69	1448	07-29-69
172	BNW-172	RESIN	2106	.0035		07-26-69	1443	2ATH-KW		1.000	3.0+16	07-26-69	1448	07-29-69
172	BNW-172	RESIN	2107	.0035		07-26-69	1452	2ATH-KW		1.000	3.0+16	07-26-69	1457	07-29-69
172	BNW-172	RESIN	2108	.0035		07-26-69	1452	2ATH-KW		1.000	3.0+16	07-26-69	1457	07-29-69
172	BNW-172	RESIN	2109	.0035		07-26-69	1452	2ATH-KW		1.000	3.0+16	07-26-69	1457	07-29-69
172	BNW-172	RESIN	2110	.0035		07-26-69	1452	2ATH-KW		1.000	3.0+16	07-26-69	1457	07-29-69
172	BNW-172	RESIN	2111	.0035		07-26-69	1452	2ATH-KW		1.000	3.0+16	07-26-69	1457	07-29-69
172	BNW-172	RESIN	2112	.0035		07-26-69	1452	2ATH-KW		1.000	3.0+16	07-26-69	1457	07-29-69
172	BNW-172	RESIN	2113	.0035		07-26-69	1501	2ATH-KW		1.000	3.0+16	07-26-69	1506	07-29-69
172	BNW-172	RESIN	2114	.0035		07-26-69	1501	2ATH-KW		1.000	3.0+16	07-26-69	1506	07-29-69
172	BNW-172	RESIN	2115	.0035		07-26-69	1501	2ATH-KW		1.000	3.0+16	07-26-69	1506	07-29-69
172	BNW-172	RESIN	2116	.0035		07-26-69	1501	2ATH-KW		1.000	3.0+16	07-26-69	1506	07-29-69
172	BNW-172	BIO	1896	.0208		06-23-69	1305	2DTH-KE		1.000	1.8+17	06-23-69	1335	06-24-69
172	BNW-172	BIO	1897	.0208		06-23-69	1305	2DTH-KE		1.000	1.8+17	06-23-69	1335	06-24-69
172	BNW-172	BIO	1898	.0208		06-23-69	1305	2DTH-KE		1.000	1.8+17	06-23-69	1335	06-24-69
172	BNW-172	BIO	1899	.0208		06-23-69	1305	2DTH-KE		1.000	1.8+17	06-23-69	1335	06-24-69
172	BNW-172	BIO	1900	.0208		06-23-69	1305	2DTH-KE		1.000	1.8+17	06-23-69	1335	06-24-69
172	BNW-172	BIO	1901	.0208		06-23-69	1305	2DTH-KE		1.000	1.8+17	06-23-69	1335	06-24-69
172	BNW-172	BIO	1902	.0208		06-23-69	1425	2DTH-KE		1.000	1.8+17	06-23-69	1455	06-24-69
172	BNW-172	BIO	1903	.0208		06-23-69	1425	2DTH-KE		1.000	1.8+17	06-23-69	1455	06-24-69
172	BNW-172	BIO	1904	.0208		06-23-69	1425	2DTH-KE		1.000	1.8+17	06-23-69	1455	06-24-69
172	BNW-172	BIO	1905	.0208		06-23-69	1425	2DTH-KE		1.000	1.8+17	06-23-69	1455	06-24-69
172	BNW-172	BIO	1906	.0208		06-23-69	1425	2DTH-KE		1.000	1.8+17	06-23-69	1455	06-24-69
172	BNW-172	BIO	1907	.0208		06-23-69	1425	2DTH-KE		1.000	1.8+17	06-23-69	1455	06-24-69
172	BNW-172	GEO	1908	.0014		06-24-69	1000	2DTH-KE		1.000	1.1+15	06-24-69	1002	06-24-69
172	BNW-172	GEO	1909	.0014		06-24-69	1004	2DTH-KE		1.000	1.1+15	06-24-69	1004	06-24-69
172	BNW-172	NA	1910	.0035		06-25-69	2047	2DTH-KE		1.000	3.0+16	06-25-69	2052	06-27-69
172	BNW-172	RESIN	1911	.0035		06-26-69	1823	2DTH-KE		1.000	3.0+16	06-26-69	1828	06-27-69

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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	RESIN	1912	.0035		06-26-69	1823	2DTH-KE		1.000	3.0+16	06-26-69	1828	06-27-69
172	BNW-172	RESIN	1913	.0035		06-26-69	1823	2DTH-KE		1.000	3.0+16	06-26-69	1828	06-27-69
172	BNW-172	RESIN	1914	.0035		06-26-69	1823	2DTH-KE		1.000	3.0+16	06-26-69	1828	06-27-69
172	BNW-172	RESIN	1915	.0035		06-26-69	1823	2DTH-KE		1.000	3.0+16	06-26-69	1828	06-27-69
172	BNW-172	RESIN	1916	.0035		06-26-69	1823	2DTH-KE		1.000	3.0+16	06-26-69	1828	06-27-69
172	BNW-172	RESIN	1917	.0035		06-26-69	1823	2DTH-KE		1.000	3.0+16	06-26-69	1828	06-27-69
172	BNW-172	RESIN	1918	.0035		06-26-69	1823	2DTH-KE		1.000	3.0+16	06-26-69	1828	06-27-69
172	BNW-172	SALTS	1919	.0035		06-26-69	1738	2DTH-KE		1.000	3.0+16	06-26-69	1743	07-03-69
172	BNW-172	SALTS	1920	.0035		06-26-69	1738	2DTH-KE		1.000	3.0+16	06-26-69	1743	07-03-69
172	BNW-172	SALTS	1921	.0035		06-26-69	1738	2DTH-KE		1.000	3.0+16	06-26-69	1743	07-03-69
172	BNW-172	SALTS	1922	.0035		06-26-69	1738	2DTH-KE		1.000	3.0+16	06-26-69	1743	07-03-69
172	BNW-172	SALTS	1923	.0035		06-26-69	1738	2DTH-KE		1.000	3.0+16	06-26-69	1743	07-03-69
172	BNW-172	SALTS	1924	.0035		06-26-69	1738	2DTH-KE		1.000	3.0+16	06-26-69	1743	07-03-69
172	BNW-172	SALTS	1925	.0035		06-26-69	1738	2DTH-KE		1.000	3.0+16	06-26-69	1743	07-03-69
172	BNW-172	SALTS	1926	.0035		06-26-69	1738	2DTH-KE		1.000	3.0+16	06-26-69	1743	07-03-69
172	BNW-172	BIO	1927	.0208		06-28-69	0922	2DTH-KE		1.000	1.8+17	06-28-69	0952	07-03-69
172	BNW-172	BIO	1928	.0208		06-28-69	0922	2DTH-KE		1.000	1.8+17	06-28-69	0952	07-03-69
172	BNW-172	BIO	1929	.0208		06-28-69	0922	2DTH-KE		1.000	1.8+17	06-28-69	0952	07-03-69
172	BNW-172	BIO	1930	.0208		06-28-69	0922	2DTH-KE		1.000	1.8+17	06-28-69	0952	07-03-69
172	BNW-172	BIO	1931	.0208		06-28-69	0922	2DTH-KE		1.000	1.8+17	06-28-69	0952	07-03-69
172	BNW-172	BIO	1932	.0208		06-28-69	0922	2DTH-KE		1.000	1.8+17	06-28-69	0952	07-03-69
172	BNW-172	BIO	1933	.0208		06-28-69	1026	2DTH-KE		1.000	1.8+17	06-28-69	1056	07-03-69
172	BNW-172	BIO	1934	.0208		06-28-69	1026	2DTH-KE		1.000	1.8+17	06-28-69	1056	07-03-69
172	BNW-172	BIO	1935	.0208		06-28-69	1026	2DTH-KE		1.000	1.8+17	06-28-69	1056	07-03-69
172	BNW-172	BIO	1936	.0208		06-28-69	1026	2DTH-KE		1.000	1.8+17	06-28-69	1056	07-03-69
172	BNW-172	BIO	1937	.0208		06-28-69	1026	2DTH-KE		1.000	1.8+17	06-28-69	1056	07-03-69
172	BNW-172	BIO	1938	.0208		06-28-69	1026	2DTH-KE		1.000	1.8+17	06-28-69	1056	07-03-69
172	BNW-172	MG	1939	.1146		06-29-69	0820	2DTH-KE		1.000	8.7+16	06-29-69	1045	07-03-69
172	BNW-172	MG	1940	.1146		06-29-69	0820	2DTH-KE		1.000	7.8+16	06-29-69	1045	07-03-69
172	BNW-172	MG	1941	.1146		06-29-69	0820	2DTH-KE		1.000	6.8+16	06-29-69	1045	07-03-69
172	BNW-172	VAR	1942	.0035		07-03-69	1316	2DTH-KE		1.000	2.4+15	07-03-69	1321	07-07-69
172	BNW-172	VAR	1943	.0035		07-03-69	1321	2DTH-KE		1.000	2.4+15	07-03-69	1326	07-07-69
172	BNW-172	VAR	1944	.0035		07-03-69	1327	2DTH-KE		1.000	2.4+15	07-03-69	1332	07-07-69
172	BNW-172	VAR	1945	.0035		07-03-69	1333	2DTH-KE		1.000	2.4+15	07-03-69	1338	07-07-69
172	BNW-172	VAR	1946	.0035		07-03-69	1338	2DTH-KE		1.000	2.4+15	07-03-69	1343	07-07-69
172	BNW-172	VAR	1947	.0035		07-03-69	1344	2DTH-KE		1.000	2.4+15	07-03-69	1349	07-07-69
172	BNW-172	VAR	1948	.0035		07-03-69	1350	2DTH-KE		1.000	2.4+15	07-03-69	1355	07-07-69
172	BNW-172	VAR	1949	.0035		07-03-69	1355	2DTH-KE		1.000	2.4+15	07-03-69	1400	07-07-69

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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	STDS	1962	.0208		07-21-69	1320	2DTH-KE		1.000	1.8+17	07-21-69	1350	07-22-69
172	BNW-172	STDS	1963	.0208		07-21-69	1320	2DTH-KE		1.000	1.8+17	07-21-69	1350	07-22-69
172	BNW-172	OIL	1964	.0007		07-02-69	0800	2DTH-KE		1.000	4.1+14	07-02-69	0801	07-02-69
172	BNW-172	OIL	1965	.0007		07-02-69	0801	2DTH-KE		1.000	4.1+14	07-02-69	0802	07-02-69
172	BNW-172	OIL	1966	.0007		07-02-69	0809	2DTH-KE		1.000	4.1+14	07-02-69	0810	07-02-69
172	BNW-172	OIL	1967	.0007		07-02-69	0818	2DTH-KE		1.000	4.1+14	07-02-69	0819	07-02-69
172	BNW-172	OIL	1968	.0007		07-02-69	0826	2DTH-KE		1.000	4.1+14	07-02-69	0827	07-02-69
172	BNW-172	OIL	1969	.0007		07-02-69	0835	2DTH-KE		1.000	4.1+14	07-02-69	0836	07-02-69
172	BNW-172	OIL	1970	.0007		07-02-69	0840	2DTH-KE		1.000	4.1+14	07-02-69	0841	07-02-69
172	BNW-172	OIL	1971	.0007		07-02-69	0850	2DTH-KE		1.000	4.1+14	07-02-69	0851	07-02-69
172	BNW-172	OIL	1972	.0007		07-02-69	0900	2DTH-KE		1.000	4.1+14	07-02-69	0901	07-02-69
172	BNW-172	OIL	1973	.0007		07-02-69	0910	2DTH-KE		1.000	4.1+14	07-02-69	0911	07-02-69
172	BNW-172	OIL	1974	.0007		07-02-69	0920	2DTH-KE		1.000	4.1+14	07-02-69	0921	07-02-69
172	BNW-172	OIL	1975	.0007		07-02-69	0930	2DTH-KE		1.000	4.1+14	07-02-69	0931	07-02-69
172	BNW-172	OIL	1976	.0007		07-02-69	0940	2DTH-KE		1.000	4.1+14	07-02-69	0941	07-02-69
172	BNW-172	OIL	1977	.0007		07-02-69	0950	2DTH-KE		1.000	4.1+14	07-02-69	0951	07-02-69
172	BNW-172	OIL	1978	.0007		07-02-69	1000	2DTH-KE		1.000	4.1+14	07-02-69	1001	07-02-69
172	BNW-172	OIL	1979	.0007		07-02-69	1010	2DTH-KE		1.000	4.1+14	07-02-69	1011	07-02-69
172	BNW-172	OIL	1980	.0007		07-02-69	1020	2DTH-KE		1.000	4.1+14	07-02-69	1021	07-02-69
172	BNW-172	OIL	1981	.0007		07-02-69	1030	2DTH-KE		1.000	4.1+14	07-02-69	1031	07-02-69
172	BNW-172	OIL	1982	.0007		07-02-69	1040	2DTH-KE		1.000	4.1+14	07-02-69	1041	07-02-69
172	BNW-172	OIL	1983	.0007		07-02-69	1050	2DTH-KE		1.000	4.1+14	07-02-69	1051	07-02-69
172	BNW-172	OIL	1984	.0007		07-02-69	1100	2DTH-KE		1.000	4.1+14	07-02-69	1101	07-02-69
172	BNW-172	OIL	1985	.0007		07-02-69	1110	2DTH-KE		1.000	4.1+14	07-02-69	1111	07-02-69
172	BNW-172	OIL	1986	.0007		07-02-69	1120	2DTH-KE		1.000	4.1+14	07-02-69	1121	07-02-69
172	BNW-172	OIL	1987	.0007		07-02-69	1130	2DTH-KE		1.000	4.1+14	07-02-69	1131	07-02-69
172	BNW-172	OIL	1988	.0007		07-02-69	1140	2DTH-KE		1.000	4.1+14	07-02-69	1141	07-02-69
172	BNW-172	OIL	1989	.0007		07-02-69	1150	2DTH-KE		1.000	4.1+14	07-02-69	1151	07-02-69
172	BNW-172	OIL	1990	.0007		07-02-69	1310	2DTH-KE		1.000	4.1+14	07-02-69	1311	07-02-69
172	BNW-172	OIL	1991	.0007		07-02-69	1320	2DTH-KE		1.000	4.1+14	07-02-69	1321	07-02-69
172	BNW-172	OIL	1992	.0007		07-02-69	1330	2DTH-KE		1.000	4.1+14	07-02-69	1331	07-02-69
172	BNW-172	OIL	1993	.0007		07-02-69	1340	2DTH-KE		1.000	4.1+14	07-02-69	1341	07-02-69
172	BNW-172	OIL	1994	.0007		07-02-69	1350	2DTH-KE		1.000	4.1+14	07-02-69	1351	07-02-69
172	BNW-172	OIL	1995	.0007		07-02-69	1401	2DTH-KE		1.000	4.1+14	07-02-69	1402	07-02-69
172	BNW-172	OIL	1996	.0007		07-02-69	1410	2DTH-KE		1.000	4.1+14	07-02-69	1411	07-02-69
172	BNW-172	OIL	1997	.0007		07-02-69	1420	2DTH-KE		1.000	4.1+14	07-02-69	1421	07-02-69
172	BNW-172	OIL	1998	.0007		07-02-69	1430	2DTH-KE		1.000	4.1+14	07-02-69	1431	07-02-69
172	BNW-172	OIL	1999	.0007		07-02-69	1440	2DTH-KE		1.000	4.1+14	07-02-69	1441	07-02-69

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IDENTIFICATION						CHARGE		LOCATION				DISCHARGE		
TISR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.	OPERATING TIME (DAYS)	CMK ABSORBED	DATE	TIME	FACILITY	TEST HOLE POSITION	POSITION FACTOR	EXPOSURE TO DATE N V T	DATE	TIME	SHIPPING DATE
THE FOLLOWING IRRADIATIONS WERE SHIPPED DURING THE MONTH														
172	BNW-172	OIL	2000	.0007		07-02-69	1450	2DTH-KE		1.000	4.1+14	07-02-69	1451	07-02-69
172	BNW-172	OIL	2001	.0007		07-02-69	1500	2DTH-KE		1.000	4.1+14	07-02-69	1501	07-02-69
172	BNW-172	OIL	2002	.0007		07-02-69	1510	2DTH-KE		1.000	4.1+14	07-02-69	1511	07-02-69
172	BNW-172	OIL	2003	.0007		07-02-69	1520	2DTH-KE		1.000	4.1+14	07-02-69	1521	07-02-69
172	BNW-172	OIL	2004	.0007		07-02-69	1530	2DTH-KE		1.000	4.1+14	07-02-69	1531	07-02-69
172	BNW-172	OIL	2005	.0007		07-02-69	1540	2DTH-KE		1.000	4.1+14	07-02-69	1541	07-02-69
172	BNW-172	OIL	2006	.0007		07-02-69	1550	2DTH-KE		1.000	4.1+14	07-02-69	1551	07-02-69
172	BNW-172	OIL	2007	.0007		07-02-69	1610	2DTH-KE		1.000	4.1+14	07-02-69	1611	07-02-69
172	BNW-172	OIL	2008	.0007		07-02-69	1620	2DTH-KE		1.000	4.1+14	07-02-69	1621	07-02-69
172	BNW-172	OIL	2009	.0007		07-02-69	1630	2DTH-KE		1.000	4.1+14	07-02-69	1631	07-02-69
172	BNW-172	OIL	2010	.0007		07-02-69	1640	2DTH-KE		1.000	4.1+14	07-02-69	1641	07-02-69
172	BNW-172	OIL	2011	.0007		07-02-69	1650	2DTH-KE		1.000	4.1+14	07-02-69	1651	07-02-69
172	BNW-172	OIL	2012	.0007		07-02-69	1700	2DTH-KE		1.000	4.1+14	07-02-69	1701	07-02-69
172	BNW-172	OIL	2013	.0007		07-02-69	1731	2DTH-KE		1.000	4.1+14	07-02-69	1732	07-02-69
172	BNW-172	OIL	2014	.0007		07-02-69	1821	2DTH-KE		1.000	4.1+14	07-02-69	1822	07-02-69
172	BNW-172	OIL	2015	.0007		07-02-69	1850	2DTH-KE		1.000	4.1+14	07-02-69	1851	07-02-69
172	BNW-172	BIO	2017	.0208		07-25-69	1055	2DTH-KE		1.000	1.8+17	07-25-69	1125	07-26-69
172	BNW-172	BIO	2018	.0208		07-25-69	1055	2DTH-KE		1.000	1.8+17	07-25-69	1125	07-26-69
172	BNW-172	BIO	2019	.0208		07-25-69	1055	2DTH-KE		1.000	1.8+17	07-25-69	1125	07-26-69
172	BNW-172	BIO	2020	.0208		07-25-69	1055	2DTH-KE		1.000	1.8+17	07-25-69	1125	07-26-69
172	BNW-172	BIO	2021	.0208		07-25-69	1055	2DTH-KE		1.000	1.8+17	07-25-69	1125	07-26-69
172	BNW-172	BIO	2022	.0208		07-25-69	1055	2DTH-KE		1.000	1.8+17	07-25-69	1125	07-26-69
172	BNW-172	BIO	2023	.0208		07-25-69	1055	2DTH-KE		1.000	1.8+17	07-25-69	1125	07-26-69
172	BNW-172	BIO	2024	.0208		07-25-69	1325	2DTH-KE		1.000	1.8+17	07-25-69	1355	07-26-69
172	BNW-172	BIO	2025	.0208		07-25-69	1325	2DTH-KE		1.000	1.8+17	07-25-69	1355	07-26-69
172	BNW-172	BIO	2026	.0208		07-25-69	1325	2DTH-KE		1.000	1.8+17	07-25-69	1355	07-26-69
172	BNW-172	BIO	2027	.0208		07-25-69	1325	2DTH-KE		1.000	1.8+17	07-25-69	1355	07-26-69
172	BNW-172	BIO	2028	.0208		07-25-69	1325	2DTH-KE		1.000	1.8+17	07-25-69	1355	07-26-69
172	BNW-172	BIO	2029	.0208		07-25-69	1325	2DTH-KE		1.000	1.8+17	07-25-69	1355	07-26-69
172	BNW-172	BIO	2030	.0208		07-25-69	1435	2DTH-KE		1.000	1.8+17	07-25-69	1505	07-26-69
172	BNW-172	BIO	2031	.0208		07-25-69	1435	2DTH-KE		1.000	1.8+17	07-25-69	1505	07-26-69
172	BNW-172	BIO	2032	.0208		07-25-69	1435	2DTH-KE		1.000	1.8+17	07-25-69	1505	07-26-69
172	BNW-172	BIO	2033	.0208		07-25-69	1435	2DTH-KE		1.000	1.8+17	07-25-69	1505	07-26-69
172	BNW-172	BIO	2034	.0208		07-25-69	1435	2DTH-KE		1.000	1.8+17	07-25-69	1505	07-26-69
172	BNW-172	BIO	2035	.0208		07-25-69	1435	2DTH-KE		1.000	1.8+17	07-25-69	1505	07-26-69
172	BNW-172	BIO	2036	.0208		07-25-69	1435	2DTH-KE		1.000	1.8+17	07-25-69	1505	07-26-69
172	BNW-172	BIO	2037	.0208		07-25-69	1435	2DTH-KE		1.000	1.8+17	07-25-69	1505	07-26-69
172	BNW-172	VARS	2117	.0035		07-29-69	1252	2DTH-KE		1.000	2.4+15	07-29-69	1257	07-30-69

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IDENTIFICATION				OPERATING TIME (DAYS)	CMK ABSORBED	CHARGE		LOCATION			EXPOSURE TO DATE NVT	DISCHARGE		SHIPPING
TISR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.			DATE	TIME	FACILITY	TEST HOLE POSITION	POSITION FACTOR		DATE	TIME	DATE
THE FOLLOWING IRRADIATIONS WERE SHIPPED DURING THE MONTH														
172	BNW-172	VARS	2118	.0035		07-29-69	1300	2DTH-KE		1.000	2.4+15	07-29-69	1305	07-30-69
172	BNW-172	VARS	2119	.0035		07-29-69	1306	2DTH-KE		1.000	2.4+15	07-29-69	1311	07-30-69
172	BNW-172	VARS	2120	.0035		07-26-69	1312	2DTH-KE		1.000	2.4+15	07-29-69	1317	07-30-69
172	BNW-172	VARS	2121	.0035		07-26-69	1318	2DTH-KE		1.000	2.4+15	07-29-69	1323	07-30-69
172	BNW-172	VARS	2122	.0035		07-26-69	1324	2DTH-KE		1.000	2.4+15	07-29-69	1329	07-30-69
172	BNW-172	VARS	2123	.0035		07-26-69	1330	2DTH-KE		1.000	2.4+15	07-29-69	1335	07-30-69
172	BNW-172	VARS	2124	.0035		07-26-69	1336	2DTH-KE		1.000	2.4+15	07-29-69	1341	07-30-69
172	BNW-172	VARS	2125	.0035		07-26-69	1347	2DTH-KE		1.000	2.4+15	07-29-69	1352	07-30-69
172	BNW-172	VARS	2126	.0035		07-26-69	1353	2DTH-KE		1.000	2.4+15	07-29-69	1358	07-30-69
172	BNW-172	VARS	2127	.0035		07-26-69	1359	2DTH-KE		1.000	2.4+15	07-29-69	1404	07-30-69
184	BNW-184	VARS	3378	.8437		07-07-69	1030	2ATH-KW		1.000	7.1+18	07-08-69	0645	07-08-69
184	BNW-184	VARS	3379	.8437		07-07-69	1030	2ATH-KW		1.000	7.1+18	07-08-69	0645	07-08-69
184	BNW-184	VARS	3389	.8993		07-06-69	0910	2ATH-KW		1.000	7.6+18	07-07-69	0645	07-07-69
184	BNW-184	VARS	3390	.8993		07-06-69	0910	2ATH-KW		1.000	7.6+18	07-07-69	0645	07-07-69
184	BNW-184	VARS	3391	.8576		07-08-69	1010	2ATH-KW		1.000	7.3+18	07-09-69	0645	07-09-69
184	BNW-184	VARS	3392	.8576		07-08-69	1010	2ATH-KW		1.000	7.3+18	07-09-69	0645	07-09-69
184	BNW-184	VARS	3393	.8542		07-09-69	1015	2ATH-KW		1.000	1.4+18	07-10-69	0645	07-10-69
184	BNW-184	VARS	3394	.8576		07-10-69	1025	2ATH-KW		1.000	7.3+18	07-11-69	0645	07-11-69
184	BNW-184	VARS	3395	.8576		07-10-69	1025	2ATH-KW		1.000	7.3+18	07-11-69	0645	07-11-69
184	BNW-184	VARS	3396	.8681		07-13-69	0955	2ATH-KW		1.000	7.3+18	07-14-69	0645	07-14-69
184	BNW-184	VARS	3405	.9167		07-27-69	0845	2ATH-KW		1.000	1.6+18	07-28-69	0645	07-28-69
184	BNW-184	VARS	3406	.9167		07-27-69	0845	2ATH-KW		1.000	1.6+18	07-28-69	0645	07-28-69
184	BNW-184	VARS	3407	.8750		07-28-69	0945	2ATH-KW		1.000	7.4+18	07-29-69	0645	07-29-69
184	BNW-184	VARS	3408	.8750		07-28-69	0945	2ATH-KW		1.000	7.4+18	07-29-69	0645	07-29-69
184	BNW-184	VARS	3409	.8646		07-29-69	1000	2ATH-KW		1.000	7.3+18	07-30-69	0645	07-30-69
184	BNW-184	VARS	3410	.8646		07-29-69	1000	2ATH-KW		1.000	7.3+18	07-30-69	0645	07-30-69
184	BNW-184	VARS	3411	.8681		07-30-69	0955	2ATH-KW		1.000	1.5+18	07-31-69	0645	07-31-69
184	BNW-184	VARS	3412	.8681		07-30-69	0955	2ATH-KW		1.000	1.5+18	07-31-69	0645	07-31-69
184	BNW-184	PLASTC	6556	.0014		07-06-69	0903	2ATH-KW		1.000	1.1+15	07-06-69	0905	07-07-69
184	BNW-184	PLASTC	6557	.0014		07-06-69	0906	2ATH-KW		1.000	1.1+15	07-06-69	0908	07-07-69
184	BNW-184	PLASTC	6558	.0014		07-08-69	0952	2ATH-KW		1.000	1.1+15	07-08-69	0954	07-09-69
184	BNW-184	PLASTC	6559	.0014		07-08-69	0954	2ATH-KW		1.000	1.1+15	07-08-69	0956	07-09-69
184	BNW-184	PLASTC	6560	.0014		07-08-69	0957	2ATH-KW		1.000	1.1+15	07-08-69	0959	07-09-69
184	BNW-184	PLASTC	6561	.0014		07-08-69	0959	2ATH-KW		1.000	1.1+15	07-08-69	1001	07-09-69
184	BNW-184	PLASTC	6562	.0014		07-10-69	1013	2ATH-KW		1.000	1.1+15	07-10-69	1015	07-11-69
184	BNW-184	PLASTC	6563	.0014		07-10-69	1015	2ATH-KW		1.000	1.1+15	07-10-69	1017	07-11-69
184	BNW-184	PLASTC	6564	.0014		07-10-69	1017	2ATH-KW		1.000	1.1+15	07-10-69	1019	07-11-69
184	BNW-184	PLASTC	6565	.0014		07-10-69	1019	2ATH-KW		1.000	1.1+15	07-10-69	1021	07-11-69

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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														
184	BNW-184	PLASTC	6566	.0014		07-10-69	1021	2ATH-KW		1.000	1.1+15	07-10-69	1023	07-11-69
184	BNW-184	PLASTC	6569	.0014		07-26-69	0904	2ATH-KW		1.000	1.1+15	07-26-69	0906	07-28-69
184	BNW-184	PLASTC	6570	.0014		07-26-69	0907	2ATH-KW		1.000	1.1+15	07-26-69	0909	07-28-69
184	BNW-184	PLASTC	6571	.0014		07-26-69	0910	2ATH-KW		1.000	1.1+15	07-26-69	0912	07-28-69
184	BNW-184	PLASTC	6572	.0014		07-26-69	0913	2ATH-KW		1.000	1.1+15	07-26-69	0915	07-28-69
184	BNW-184	PLASTC	6573	.0014		07-26-69	0915	2ATH-KW		1.000	1.1+15	07-26-69	0917	07-28-69
184	BNW-184	PLASTC	6574	.0014		07-26-69	0918	2ATH-KW		1.000	1.1+15	07-26-69	0920	07-28-69
184	BNW-184	PLASTC	6575	.0014		07-26-69	0921	2ATH-KW		1.000	1.1+15	07-26-69	0923	07-28-69
184	BNW-184	PLASTC	6576	.0014		07-26-69	0923	2ATH-KW		1.000	1.1+15	07-26-69	0925	07-28-69
184	BNW-184	PLASTC	6577	.0014		07-26-69	0926	2ATH-KW		1.000	1.1+15	07-26-69	0928	07-28-69
184	BNW-184	PLASTC	6578	.0014		07-26-69	0929	2ATH-KW		1.000	1.1+15	07-26-69	0931	07-28-69
184	BNW-184	PLASTC	6579	.0014		07-26-69	0932	2ATH-KW		1.000	1.1+15	07-26-69	0934	07-28-69
184	BNW-184	PLASTC	6580	.0014		07-26-69	0934	2ATH-KW		1.000	1.1+15	07-26-69	0936	07-28-69
184	BNW-184	PLASTC	6581	.0014		07-26-69	0937	2ATH-KW		1.000	1.1+15	07-26-69	0939	07-28-69
184	BNW-184	PLASTC	6582	.0014		07-26-69	0940	2ATH-KW		1.000	1.1+15	07-26-69	0942	07-28-69
184	BNW-184	PLASTC	6583	.0014		07-26-69	0943	2ATH-KW		1.000	1.1+15	07-26-69	0945	07-28-69
184	BNW-184	PLASTC	6584	.0014		07-26-69	0946	2ATH-KW		1.000	1.1+15	07-26-69	0948	07-28-69
184	BNW-184	PLASTC	6585	.0014		07-26-69	0949	2ATH-KW		1.000	1.1+15	07-26-69	0951	07-28-69
184	BNW-184	PLASTC	6586	.0014		07-26-69	0952	2ATH-KW		1.000	1.1+15	07-26-69	0954	07-28-69
184	BNW-184	PLASTC	6587	.0014		07-26-69	0955	2ATH-KW		1.000	1.1+15	07-26-69	0957	07-28-69
184	BNW-184	PLASTC	6588	.0014		07-26-69	0958	2ATH-KW		1.000	1.1+15	07-26-69	1000	07-28-69
184	BNW-184	PLASTC	6589	.0014		07-26-69	1001	2ATH-KW		1.000	1.1+15	07-26-69	1003	07-28-69
184	BNW-184	PLASTC	6590	.0014		07-26-69	1004	2ATH-KW		1.000	1.1+15	07-26-69	1006	07-28-69
184	BNW-184	PLASTC	6591	.0014		07-26-69	1007	2ATH-KW		1.000	1.1+15	07-26-69	1009	07-28-69
184	BNW-184	PLASTC	6592	.0014		07-26-69	1010	2ATH-KW		1.000	1.1+15	07-26-69	1012	07-28-69
184	BNW-184	VARS	3376	.8750		06-17-69	0945	2DTH-KE		1.000	7.4+18	06-18-69	0645	06-18-69
184	BNW-184	VARS	3377	.8750		06-17-69	0945	2DTH-KE		1.000	7.4+18	06-18-69	0645	06-18-69
184	BNW-184	VARS	3380	.8715		06-22-69	0950	2DTH-KE		1.000	7.4+18	06-23-69	0645	06-23-69
184	BNW-184	VARS	3381	.0007		06-24-69	0715	2DTH-KE		1.000	4.1+14	06-24-69	0716	06-24-69
184	BNW-184	VARS	3382	.7396		06-24-69	1300	2DTH-KE		1.000	4.4+17	06-25-69	0645	06-25-69
184	BNW-184	VARS	3383	.8437		06-25-69	1030	2DTH-KE		1.000	7.1+18	06-26-69	0645	06-26-69
184	BNW-184	VARS	3384	.8437		06-25-69	1030	2DTH-KE		1.000	7.1+18	06-26-69	0645	06-26-69
184	BNW-184	VARS	3385	.8090		06-29-69	1120	2DTH-KE		1.000	6.8+18	06-30-69	0645	06-30-69
184	BNW-184	VARS	3386	.8090		06-29-69	1120	2DTH-KE		1.000	6.8+18	06-30-69	0645	06-30-69
184	BNW-184	VARS	3387	.8715		06-30-69	0950	2DTH-KE		1.000	7.4+18	07-01-69	0645	07-01-69
184	BNW-184	VARS	3388	.8715		06-30-69	0950	2DTH-KE		1.000	7.4+18	07-01-69	0645	07-01-69
184	BNW-184	VARS	3397	.8229		07-21-69	1100	2DTH-KE		1.000	7.0+18	07-22-69	0645	07-22-69
184	BNW-184	VARS	3398	.8229		07-21-69	1100	2DTH-KE		1.000	7.0+18	07-22-69	0645	07-22-69

DECLASSIFIED

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 WERE SHIPPED DURING THE MONTH														
184	BNW-184	VARS	3399	,8472		07-22-69	1025	2DTH-KE		1.000	7.2+18	07-23-69	0645	07-23-69
184	BNW-184	VARS	3400	,8472		07-22-69	1025	2DTH-KE		1.000	7.2+18	07-23-69	0645	07-23-69
184	BNW-184	VARS	3401	,8681		07-23-69	0955	2DTH-KE		1.000	7.3+18	07-24-69	0645	07-24-69
184	BNW-184	VARS	3402	,8681		07-23-69	0955	2DTH-KE		1.000	7.3+18	07-24-69	0645	07-24-69
184	BNW-184	VARS	3403	,8681		07-24-69	0955	2DTH-KE		1.000	7.3+18	07-25-69	0645	07-25-69
184	BNW-184	VARS	3404	,8681		07-24-69	0955	2DTH-KE		1.000	7.3+18	07-25-69	0645	07-25-69
184	BNW-184	PLASTC	6538	,0014		06-18-69	0958	2DTH-KE		1.000	1.1+15	06-18-69	1000	06-19-69
184	BNW-184	PLASTC	6539	,0014		06-22-69	0945	2DTH-KE		1.000	1.1+15	06-22-69	0947	09-23-69
184	BNW-184	PLASTC	6540	,0014		06-24-69	1042	2DTH-KE		1.000	1.1+15	06-24-69	1044	06-25-69
184	BNW-184	PLASTC	6541	,0014		06-24-69	1044	2DTH-KE		1.000	1.1+15	06-24-69	1046	06-25-69
184	BNW-184	PLASTC	6542	,0014		06-24-69	1047	2DTH-KE		1.000	1.1+15	06-24-69	1049	06-25-69
184	BNW-184	PLASTC	6543	,0014		06-24-69	1051	2DTH-KE		1.000	1.1+15	06-24-69	1053	06-25-69
184	BNW-184	PLASTC	6544	,0014		06-24-69	1054	2DTH-KE		1.000	1.1+15	06-24-69	1056	06-25-69
184	BNW-184	PLASTC	6545	,0014		06-24-69	1057	2DTH-KE		1.000	1.1+15	06-24-69	1059	06-25-69
184	BNW-184	PLASTC	6546	,0014		06-24-69	1059	2DTH-KE		1.000	1.1+15	06-24-69	1101	06-25-69
184	BNW-184	PLASTC	6547	,0014		06-25-69	1022	2DTH-KE		1.000	1.1+15	06-25-69	1024	06-26-69
184	BNW-184	PLASTC	6548	,0014		06-25-69	1024	2DTH-KE		1.000	1.1+15	06-25-69	1026	06-26-69
184	BNW-184	PLASTC	6549	,0014		06-29-69	1115	2DTH-KE		1.000	1.1+15	06-29-69	1117	06-30-69
184	BNW-184	PLASTC	6550	,0014		06-29-69	1118	2DTH-KE		1.000	1.1+15	06-29-69	1120	06-30-69
184	BNW-184	PLASTC	6551	,0014		07-01-69	1115	2DTH-KE		1.000	1.1+15	07-01-69	1117	07-02-69
184	BNW-184	PLASTC	6552	,0014		07-01-69	1118	2DTH-KE		1.000	1.1+15	07-01-69	1120	07-02-69
184	BNW-184	PLASTC	6553	,0014		07-01-69	1121	2DTH-KE		1.000	1.1+15	07-01-69	1123	07-02-69
184	BNW-184	PLASTC	6554	,0014		07-01-69	1124	2DTH-KE		1.000	1.1+15	07-01-69	1126	07-02-69
184	BNW-184	PLASTC	6555	,0014		07-01-69	1128	2DTH-KE		1.000	1.1+15	07-01-69	1130	07-02-69
184	BNW-184	PLASTC	6593	,0014		07-29-69	1025	2DTH-KE		1.000	1.1+15	07-29-69	1027	07-30-69
184	BNW-184	PLASTC	6594	,0014		07-29-69	1028	2DTH-KE		1.000	1.1+15	07-29-69	1030	07-30-69
184	BNW-184	PLASTC	6595	,0014		07-29-69	1031	2DTH-KE		1.000	1.1+15	07-29-69	1033	07-30-69
184	BNW-184	PLASTC	6596	,0014		07-29-69	1035	2DTH-KE		1.000	1.1+15	07-29-69	1037	07-30-69
184	BNW-184	PLASTC	6597	,0014		07-29-69	1038	2DTH-KE		1.000	1.1+15	07-29-69	1040	07-30-69
184	BNW-184	PLASTC	6598	,0014		07-29-69	1042	2DTH-KE		1.000	1.1+15	07-29-69	1044	07-30-69
184	BNW-184	PLASTC	6599	,0014		07-29-69	1045	2DTH-KE		1.000	1.1+15	07-29-69	1047	07-30-69
184	BNW-184	PLASTC	6600	,0014		07-29-69	1048	2DTH-KE		1.000	1.1+15	07-29-69	1050	07-30-69
184	BNW-184	PLASTC	6601	,0014		07-30-69	1050	2DTH-KE		1.000	1.1+15	07-30-69	1052	07-31-69
184	BNW-184	PLASTC	6602	,0014		07-30-69	1053	2DTH-KE		1.000	1.1+15	07-30-69	1055	07-31-69
184	BNW-184	PLASTC	6603	,0014		07-30-69	1056	2DTH-KE		1.000	1.1+15	07-30-69	1058	07-31-69
184	BNW-184	PLASTC	6604	,0014		07-30-69	1059	2DTH-KE		1.000	1.1+15	07-30-69	1101	07-31-69
184	BNW-184	PLASTC	6605	,0014		07-30-69	1102	2DTH-KE		1.000	1.1+15	07-30-69	1104	07-31-69
184	BNW-184	PLASTC	6606	,0014		07-30-69	1105	2DTH-KE		1.000	1.1+15	07-30-69	1107	07-31-69

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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														
184	BNW-184	PLASTC	6607	.0014		07-30-69	1108	2DTH-KE		1.000	1.1+15	07-30-69	1110	07-31-69
184	BNW-184	PLASTC	6608	.0014		07-30-69	1111	2DTH-KE		1.000	1.1+15	07-30-69	1113	07-31-69
184	BNW-184	PLASTC	6609	.0014		07-30-69	1114	2DTH-KE		1.000	1.1+15	07-30-69	1116	07-31-69
184	BNW-184	PLASTC	6610	.0014		07-30-69	1117	2DTH-KE		1.000	1.1+15	07-30-69	1119	07-31-69
184	BNW-184	PLASTC	6611	.0014		07-30-69	1120	2DTH-KE		1.000	1.1+15	07-30-69	1122	07-31-69
184	BNW-184	PLASTC	6612	.0014		07-30-69	1125	2DTH-KE		1.000	1.1+15	07-30-69	1127	07-31-69
184	BNW-184	PLASTC	6613	.0014		07-30-69	1130	2DTH-KE		1.000	1.1+15	07-30-69	1132	07-31-69
184	BNW-184	PLASTC	6614	.0014		07-31-69	1305	2DTH-KE		1.000	1.1+15	07-31-69	1307	08-01-69
271	BNW-271	VRS	0122	32.2000		04-07-69	1015	2ATH-KW		1.000	2.7+20	04-14-68	0930	07-16-69
271	BNW-271	DEP-U	0130	2.5521		06-26-69	1905	2DTH-KE		1.000	2.2+19	06-29-69	0820	07-01-69
271	BNW-271	DEP-U	0131	2.5521		06-26-69	1905	2DTH-KE		1.000	2.2+19	06-29-69	0820	07-01-69
271	BNW-271	DEP-U	0133	2.8958		07-25-69	1545	2DTH-KE		1.000	2.4+19	07-28-69	1315	07-30-69
382	BNW-382	SILC	0005	.1667		07-24-69	1110	2ATH-KW		1.000	1.4+18	07-29-69	1510	07-30-69
391	BNW-391	U-PU	0003	.4583		06-23-69	1025	2BTH-KW		1.000	5.0+18	06-23-69	2125	06-26-69
391	BNW-391	PU	0004	.4583		07-09-69	1100	2BTH-KW		1.000	5.0+18	07-09-69	2200	07-14-69

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