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TITLE

STATUS OF IRRADIATIONS PERFORMED BY
TESTING FOR BNW AS OF JANUARY 15, 1967

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AUTHOR

A. E. DeMers

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STATUS OF IRRADIATIONS PERFORMED BY
TESTING FOR BNW AS OF JANUARY 15, 1967

A. E. DeMers

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This report itemizes the irradiations performed by Testing 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 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 of 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 flux 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.

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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. DeMers
Acting Supervisor
Irradiation Testing

AE DeMers/kh

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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 ARE IN PROGRESS.														
177		GRAPH	AOK2	27.0979		10-04-66	0050	RTH -C	0-2065	1.000	1.2+21			
177		GRAPH	00J2	270.9790		10-04-66	0050	RTH -C	0-2062	1.000	2.1+21			
177		GRAPH	00J4	270.9790		10-04-66	0050	RTH -C	0-2068	1.000	2.1+21			
177		GRAPH	00J5	9.0937		01-06-67	2145	RTH -C	0-2083	1.000	6.2+18			
177		GRAPH	00J7	9.0937		01-06-67	2145	RTH -C	0-2077	1.000	6.2+18			
177		GRAPH	00J8	9.0937		01-06-67	2145	RTH -C	0-2089	1.000	6.2+18			
177		GRAPH	00K3	270.9790		10-04-66	0050	RTH -C	0-2071	1.000	2.1+21			
177		GRAPH	00K7	9.0937		01-06-67	2145	RTH -C	0-2086	1.000	6.2+18			
177		GRAPH	00K8	9.0937		01-06-67	2145	RTH -C	0-2080	1.000	6.2+18			
177		GRAPH	00K9	270.9790		10-04-66	0050	RTH -C	0-2059	1.000	2.1+21			
177		GRAPH	00A6	23.9959		10-22-66	0706	3ATH-KE	0-2278	1.000	6.6+20			
177		GRAPH	0P06	26.4528		01-28-65	1810	3CTH-KE	0-2977	1.000	6.4+21			
177		GRAPH	0P07	23.9959		01-28-65	1810	3CTH-KE	0-2974	1.000	6.7+21			
177		GRAPH	0P08	23.9959		01-28-65	1810	3CTH-KE	0-2971	1.000	6.7+21			
177		GRAPH	0P09	23.9959		01-28-65	1810	3CTH-KE	0-2968	1.000	6.7+21			
177		GRAPH	0P10	23.9959		01-28-65	1810	3CTH-KE	0-2965	1.000	6.7+21			
177		GRAPH	0P11	23.9959		01-28-65	1810	3CTH-KE	0-2962	1.000	6.7+21			
177		GRAPH	0P12	23.9959		01-28-65	1810	3CTH-KE	0-2959	1.000	6.7+21			
177		GRAPH	0P13	23.9959		01-28-65	1810	3CTH-KE	0-2956	1.000	6.7+21			
177		GRAPH	0P14	23.9959		03-05-65	0806	3CTH-KE	0-2980	1.000	6.3+21			
177		GRAPH	0P15	23.9959		01-28-65	1810	3CTH-KE	0-2953	1.000	6.7+21			
177		GRAPH	00T1	23.9959		01-28-65	1810	3CTH-KE	0-2980	1.000	6.7+21			
177		GRAPH	ANCH	23.9959		05-06-66	1410	4BTH-KE	0-4382	1.000	2.1+21			
177		GRAPH	00C6	23.9959		05-06-66	1410	4BTH-KE	0-4367	1.000	2.1+21			
177		GRAPH	0140	23.9959		05-06-66	1410	4BTH-KE	0-4379	1.000	2.1+21			
177		GRAPH	0143	23.9959		05-06-66	1410	4BTH-KE	0-4376	1.000	2.1+21			
177		GRAPH	0186	23.9959		05-06-66	1410	4BTH-KE	0-4364	1.000	2.1+21			
177		GRAPH	0189	23.9959		05-06-66	1410	4BTH-KE	0-4361	1.000	2.1+21			
177		GRAPH	0190	23.9959		05-06-66	1410	4BTH-KE	0-4373	1.000	2.1+21			
177		GRAPH	0191	23.9959		05-06-66	1410	4BTH-KE	0-4370	1.000	2.1+21			
177		GRAPH	0192	23.9959		05-06-66	1410	4BTH-KE	0-4358	1.000	2.1+21			
177		GRAPH	0193	23.9959		05-06-66	1410	4BTH-KE	0-4355	1.000	2.1+21			
222		J	P-15	14.8958		01-01-67	0230	3E65-KW		1.000	2.4+20			
236		STEEL	4-14	23.1979		02-28-65	1432	2CTH-KW		1.000	5.4+21			
236		HAST-X	HT-1	14.8958		01-01-67	0230	3ATH-KW		1.000	1.4+20			
236		ZR	4-21	23.1979		09-13-66	2116	3BTH-KW		1.000	1.3+21			
236		ZR	4-33	23.1979		11-03-66	2054	3LTH-KW		1.000	6.5+20			
243		IRON	00S3	23.1979		09-28-65	2156	4CTH-KW		1.000	3.6+21			

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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 ARE IN PROGRESS,														
243		VARIOS	0121	5.4479		07-26-65	0951	40TH-KW			1.000	3.1+21		
243		VARIOS	0127	5.4479		01-20-66	1500	40TH-KW			1.000	2.2+21		
243		VARIOS	0132	5.4479		03-14-66	2222	40TH-KW			1.000	1.7+21		
243		VARIOS	0143	5.4479		04-28-66	1630	40TH-KW			1.000	1.3+21		
259		HASTLY	0A-G	27.0979		12-25-64	2255	ETH -C	0-2177		1.000	2.0+21		
259		HASTLY	0A-H	27.0979		12-25-64	2255	ETH -C	0-2175		1.000	2.0+21		
288		UD-PUO	0006	27.0979		12-06-65	0350	0663-C			.959	4.3+21		
288		UD-PUO	0007	27.0979		12-06-65	0350	0663-C			.959	4.3+21		
288		UD-PUO	0010	27.0979		12-06-65	0350	0663-C			.662	2.9+21		
288		UD-PUO	0011	27.0979		12-06-65	0350	0663-C			.662	2.9+21		
295		J	0001	29.8021		12-11-63	1848	3469-B			.224	1.8+21		
307		FLXMON	0001	23.1979		10-20-64	0526	3RTH-KW			1.000	7.3+21		
361		SB-RE	0002	29.3222		12-08-66	2055	3487-D			1.000	3.4+20		
362		FLUX-M	0004	14.8958		01-01-67	0230	2ATH-KW			1.000	1.4+20		

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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 ARE AWAITING DISPOSITION.														
177		GRAPH	A0J1	18.0042		10-04-66	0050	RTH -C	0-2080	1.000	9.0+20	01-03-67	0006	
177		GRAPH	A0J3	27.0979		10-04-66	0050	RTH -C	0-2074	1.000	9.6+20	- -67		
177		GRAPH	A0J6	18.0042		10-04-66	0050	RTH -C	0-2083	1.000	9.0+20	01-03-67	0006	
177		GRAPH	A0K5	18.0042		10-04-66	0050	RTH -C	0-2077	1.000	9.0+20	01-03-67	0006	
177		GRAPH	A0K6	18.0042		10-04-66	0050	RTH -C	0-2086	1.000	1.1+21	01-03-67	0006	
177		GRAPH	BUC2	5.0667		10-22-66	0706	3ATH-KE	0-2281	1.000	4.9+20	12-21-66	2136	
177		GRAPH	CB-1	5.0667		12-03-66	2058	3ATH-KE		1.000	1.6+20	12-21-66	2136	
222		J	0036	8.3021		04-28-66	1730	3674-KW		1.000	2.4+21	12-28-66	2330	
222		J	00P9	12.0097		12-23-65	2010	3865-KW		1.000	3.5+21	11-26-66		
222		J	0035	12.0097		12-23-65	2010	3865-KW		1.000	3.5+21	11-26-66		
243		MO	0150	11.0000		01-10-67	1315	4CTH-KW		1.000	1.4+20	01-21-67	1315	
305		COBALT	0001	22.2563		05-25-65	1435	4268-KE		.765	5.1+21	01-09-67	0408	
305		COBALT	0002	22.2563		05-25-65	1435	4268-KE		.847	5.6+21	01-09-67	0408	
305		COBALT	0003	22.2563		05-25-65	1435	4268-KE		.913	6.1+21	01-09-67	0408	
305		COBALT	0004	22.2563		05-25-65	1435	4268-KE		.960	6.4+21	01-09-67	0408	
305		COBALT	0005	22.2563		05-25-65	1435	4268-KE		.991	6.6+21	01-09-67	0408	
305		COBALT	0006	22.2563		05-25-65	1435	4268-KE		1.000	6.6+21	01-09-67	0408	
305		COBALT	0007	22.2563		05-25-65	1435	4268-KE		.991	6.6+21	01-09-67	0408	
305		COBALT	0008	22.2563		05-25-65	1435	4268-KE		.960	6.4+21	01-09-67	0408	
305		COBALT	0009	22.2563		05-25-65	1435	4268-KE		.913	6.1+21	01-09-67	0408	
305		COBALT	0010	22.2563		05-25-65	1435	4268-KE		.847	5.6+21	01-09-67	0408	
305		COBALT	0011	22.2563		05-25-65	1435	4268-KE		.765	5.1+21	01-09-67	0408	
305		COBALT	0012	22.2563	17	05-25-65	1435	4268-KE		.668	4.4+21	01-09-67	0408	
362		FLUX-M	0010	11.0000		01-10-67	1315	4CTH-KW		1.000	1.4+20	01-21-67	1315	

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IDENTIFICATION				OPERATING TIME (DAYS)	CM 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	DECLASSIFIED	VRS	0583	.0014	12-20-66	0633	2ATH-KW		1.000	1.3+16	12-20-66	0635	12-21-66	
172		VRS	0600	1.8403	01-13-67	1320	2ATH-KW		1.000	1.7+19	01-15-67	0930	01-16-67	
172		VRS	0601	1.8403	01-13-67	1320	2ATH-KW		1.000	1.7+19	01-15-67	0930	01-16-67	
172		VRS	0602	1.8403	01-13-67	1320	2ATH-KW		1.000	1.7+19	01-15-67	0930	01-16-67	
172		VRS	0603	1.8403	01-13-67	1320	2ATH-KW		1.000	1.7+19	01-15-67	0930	01-16-67	
172		VRS	0604	1.8403	01-13-67	1320	2ATH-KW		1.000	1.7+19	01-15-67	0930	01-16-67	
172		VRS	0605	1.0833	01-13-67	1725	2ATH-KW		1.000	1.0+19	01-13-67	1825	01-14-67	
172		VRS	0591	.0007	01-04-67	1000	2DTH-KE		1.000	5.3+13	01-04-67	1001	01-05-67	
172		VRS	0592	.0007	01-04-67	1000	2DTH-KE		1.000	5.3+13	01-04-67	1001	01-05-67	
172		VRS	0593	.0007	01-04-67	1000	2DTH-KE		1.000	5.3+13	01-04-67	1001	01-05-67	
172		VRS	0594	.0007	01-04-67	1000	2DTH-KE		1.000	5.3+13	01-04-67	1001	01-05-67	
172		VRS	0595	.0007	01-04-67	1000	2DTH-KE		1.000	5.3+13	01-04-67	1001	01-05-67	
172		VRS	0596	.0007	01-04-67	1000	2DTH-KE		1.000	5.3+13	01-04-67	1001	01-05-67	
172		VRS	0597	.0007	01-04-67	1000	2DTH-KE		1.000	5.3+13	01-04-67	1001	01-05-67	
172		VRS	0598	.0069	01-05-67	1000	2DTH-KE		1.000	6.4+16	01-05-67	1010	01-06-67	
172		VRS	0599	.0069	01-05-67	1000	2DTH-KE		1.000	6.4+16	01-05-67	1010	01-06-67	
172		VRS	0606	.0833	01-14-67	1230	2DTH-KE		1.000	7.8+17	01-14-67	1430	01-15-67	
172		VRS	0607	.0833	01-14-67	1230	2DTH-KE		1.000	7.8+17	01-14-67	1430	01-15-67	
172		VRS	0608	.0833	01-14-67	1230	2DTH-KE		1.000	7.8+17	01-14-67	1430	01-15-67	
172		VRS	0609	.0833	01-14-67	1230	2DTH-KE		1.000	7.8+17	01-14-67	1430	01-15-67	
172		VRS	0610	.0833	01-14-67	1230	2DTH-KE		1.000	7.8+17	01-14-67	1430	01-15-67	
172		VRS	0611	.0833	01-14-67	1230	2DTH-KE		1.000	7.8+17	01-14-67	1430	01-15-67	
172		VRS	0612	1.0000	01-14-67	1530	2DTH-KE		1.000	3.4+16	01-15-67	1530	01-16-67	
172		VRS	0613	1.0000	01-14-67	1530	2DTH-KE		1.000	4.2+16	01-15-67	1530	01-16-67	
172		VRS	0614	1.0000	01-14-67	1530	2DTH-KE		1.000	5.1+16	01-15-67	1530	01-16-67	
172		VRS	0615	1.0000	01-14-67	1530	2DTH-KE		1.000	5.9+16	01-15-67	1530	01-16-67	
172		VRS	0616	1.0000	01-14-67	1530	2DTH-KE		1.000	6.8+16	01-15-67	1530	01-16-67	
172		VRS	0617	1.0000	01-14-67	1530	2DTH-KE		1.000	7.6+16	01-15-67	1530	01-16-67	
177		GRAPH	BUC1	14.3264	10-22-66	0706	3ATH-KE	0-2280	1.000	3.3+20	11-30-66		12-15-66	
177		GRAPH	00B2	14.3264	10-26-65	1750	3ATH-KE	0-2964	1.000	2.6+21	11-30-66		12-15-66	
177		GRAPH	00B3	14.3264	10-26-65	1750	3ATH-KE	0-2958	1.000	2.6+21	11-30-66		12-15-66	
177		GRAPH	00C3	14.3264	10-26-65	1750	3ATH-KE	0-2961	1.000	2.6+21	11-30-66		12-15-66	
177		GRAPH	00C7	14.3264	10-26-65	1750	3ATH-KE	0-2967	1.000	2.6+21	11-30-66		12-15-66	
177	GRAPH	00C8	14.3264	02-28-66	0120	3ATH-KE	0-2982	1.000	1.7+21	11-30-66		12-15-66		
177	GRAPH	00D2	14.3264	02-28-66	0120	3ATH-KE	0-2985	1.000	2.6+21	11-30-66		12-15-66		
177	GRAPH	0001	14.3264	01-16-66	0650	3ATH-KE	0-2970	1.000	2.0+21	11-30-66		12-15-66		
177	GRAPH	0002	14.3264	01-16-66	0650	3ATH-KE	0-2973	1.000	2.0+21	11-30-66		12-15-66		
177	GRAPH	0003	14.3264	01-16-66	0650	3ATH-KE	0-2976	1.000	2.0+21	11-30-66		12-15-66		

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IDENTIFICATION				OPERATING TIME (DAYS)	CM 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														
177	DECLASSIFIED	GRAPH	0004	14.3264		01-15-66	0650	3ATH-KE	0-2979	1.000	2.0+21	11-30-66		12-15-66
184		VRS	2325	.9028		12-21-66	0850	2ATH-KW		1.000	8.4+18	12-22-66	0630	12-21-66
184		VRS	2326	.9028		12-21-66	0850	2ATH-KW		1.000	8.4+18	12-22-66	0630	12-21-66
184		VRS	2344	.8125		01-08-67	1100	2ATH-KW		1.000	7.6+18	01-09-67	0630	01-09-67
184		VRS	2345	.8125		01-08-67	1100	2ATH-KW		1.000	7.6+18	01-09-67	0630	01-09-67
184		VRS	2346	.8333		01-09-67	1030	2ATH-KW		1.000	7.8+18	01-10-67	0630	01-10-67
184		VRS	2347	.8333		01-09-67	1030	2ATH-KW		1.000	7.8+18	01-10-67	0630	01-10-67
184		VRS	2348	.8333		01-09-67	1030	2ATH-KW		1.000	7.8+18	01-10-67	0630	01-10-67
184		VRS	2349	.8403		01-10-67	1030	2ATH-KW		1.000	7.8+18	01-11-67	0640	01-11-67
184		VRS	2350	.8403		01-10-67	1030	2ATH-KW		1.000	7.8+18	01-11-67	0640	01-11-67
184		VRS	2351	.8403		01-10-67	1030	2ATH-KW		1.000	7.8+18	01-11-67	0640	01-11-67
184		VRS	2352	.7618		01-11-67	1218	2ATH-KW		1.000	7.1+18	01-12-67	0635	01-12-67
184		VRS	2353	.7618		01-11-67	1218	2ATH-KW		1.000	7.1+18	01-12-67	0635	01-12-67
184		VRS	2354	.8264		01-12-67	1045	2ATH-KW		1.000	7.7+18	01-13-67	0635	01-13-67
184		VRS	2355	.8264		01-12-67	1045	2ATH-KW		1.000	7.7+18	01-13-67	0635	01-13-67
184		PLA	6193	.0007		12-30-66	1145	2ATH-KW		1.000	5.3+13	12-30-66	1146	12-30-66
184		PLA	6194	.0007		01-09-67	1024	2ATH-KW		1.000	5.3+13	01-09-67	1025	01-10-67
184		PLA	6195	.0007		01-11-67	1153	2ATH-KW		1.000	5.3+13	01-11-67	1154	01-12-67
184		PLA	6196	.0007		01-11-67	1153	2ATH-KW		1.000	5.3+13	01-11-67	1154	01-12-67
184		PLA	6197	.0007		01-11-67	1153	2ATH-KW		1.000	5.3+13	01-11-67	1154	01-12-67
184		PLA	6198	.0007		01-11-67	1153	2ATH-KW		1.000	5.3+13	01-11-67	1154	01-12-67
184		PLA	6199	.0007		01-11-67	1153	2ATH-KW		1.000	5.3+13	01-11-67	1154	01-12-67
184		PLA	6200	.0007		01-11-67	1153	2ATH-KW		1.000	5.3+13	01-11-67	1154	01-12-67
184		PLA	6201	.0007		01-11-67	1153	2ATH-KW		1.000	5.3+13	01-11-67	1154	01-12-67
184		PLA	6202	.0007		01-11-67	1153	2ATH-KW		1.000	5.3+13	01-11-67	1154	01-12-67
184		PLA	6203	.0007		01-11-67	1153	2ATH-KW		1.000	5.3+13	01-11-67	1154	01-12-67
184		PLA	6204	.0007		01-11-67	1153	2ATH-KW		1.000	5.3+13	01-11-67	1154	01-12-67
184		PLA	6205	.0007		01-12-67	1030	2ATH-KW		1.000	5.3+13	01-12-67	1031	01-13-67
184		PLA	6206	.0007		01-12-67	1030	2ATH-KW		1.000	5.3+13	01-12-67	1031	01-13-67
184		PLA	6207	.0007		01-12-67	1030	2ATH-KW		1.000	5.3+13	01-12-67	1031	01-13-67
184		PLA	6208	.0007		01-12-67	1030	2ATH-KW		1.000	5.3+13	01-12-67	1031	01-13-67
184		PLA	6209	.0007		01-12-67	1030	2ATH-KW		1.000	5.3+13	01-12-67	1031	01-13-67
184		PLA	6210	.0007		01-12-67	1030	2ATH-KW		1.000	5.3+13	01-12-67	1031	01-13-67
184		PLA	6211	.0007		01-12-67	1030	2ATH-KW		1.000	5.3+13	01-12-67	1031	01-13-67
184		PLA	6212	.0007		01-15-67	1025	2ATH-KW		1.000	5.3+13	01-15-67	1026	01-15-67
184		VRS	2321	.8333		12-18-66	1030	2DTH-KE		1.000	7.8+18	12-19-66	0630	12-19-66
184		VRS	2322	.8333		12-18-66	1030	2DTH-KE		1.000	7.8+18	12-19-66	0630	12-19-66
184		VRS	2323	.8646		12-19-66	0950	2DTH-KE		1.000	8.0+18	12-20-66	0635	12-20-66

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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		VRS	2324	.8646		12-19-66	0950	2DTH-KE		1.000	8.0+18	12-20-66	0635	12-20-66
184		VRS	2327	.9236		12-26-66	0835	2DTH-KE		1.000	8.6+18	12-27-66	0645	12-27-66
184		VRS	2328	.9236		12-26-66	0835	2DTH-KE		1.000	8.6+18	12-27-66	0645	12-27-66
184		VRS	2329	.0625		12-28-66	0515	2DTH-KE		1.000	5.8+17	12-28-66	0645	12-28-66
184		VRS	2330	.0625		12-28-66	0515	2DTH-KE		1.000	5.8+17	12-28-66	0645	12-28-66
184		VRS	2331	.0625		12-29-66	0515	2DTH-KE		1.000	5.8+17	12-29-66	0645	12-29-66
184		VRS	2332	.0625		12-29-66	0515	2DTH-KE		1.000	5.8+17	12-29-66	0645	12-29-66
184		VRS	2333	.0625		12-30-66	0515	2DTH-KE		1.000	5.8+17	12-30-66	0645	12-30-66
184		VRS	2334	.0625		12-30-66	0515	2DTH-KE		1.000	5.8+17	12-30-66	0645	12-30-66
184		VRS	2335	.0625		01-03-67	0518	2DTH-KE		1.000	5.8+17	01-03-67	0648	01-03-67
184		VRS	2336	.0625		01-03-67	0518	2DTH-KE		1.000	5.8+17	01-03-67	0648	01-03-67
184		VRS	2337	.8854		01-03-67	0930	2DTH-KE		1.000	8.2+18	01-04-67	0645	01-04-67
184		VRS	2338	.8854		01-03-67	0930	2DTH-KE		1.000	8.2+18	01-04-67	0645	01-04-67
184		VRS	2339	.8854		01-04-67	0930	2DTH-KE		1.000	8.2+18	01-05-67	0645	01-05-67
184		VRS	2340	.8854		01-04-67	0930	2DTH-KE		1.000	8.2+18	01-05-67	0645	01-05-67
184		VRS	2341	.8646		01-05-67	1000	2DTH-KE		1.000	8.0+18	01-06-67	0645	01-06-67
184		VRS	2342	.8646		01-05-67	1000	2DTH-KE		1.000	8.0+18	01-06-67	0645	01-06-67
184		VRS	2343	.8646		01-05-67	1000	2DTH-KE		1.000	8.0+18	01-06-67	0645	01-06-67
184		PLA	6186	.0007		12-18-66	1030	2DTH-KE		1.000	5.3+13	12-18-66	1031	12-19-66
184		PLA	6187	.0007		12-18-66	1030	2DTH-KE		1.000	5.3+13	12-18-66	1031	12-19-66
184		PLA	6188	.0007		12-18-66	1030	2DTH-KE		1.000	5.3+13	12-18-66	1031	12-19-66
184		PLA	6189	.0007		12-18-66	1030	2DTH-KE		1.000	5.3+13	12-18-66	1031	12-19-66
184		PLA	6190	.0007		12-29-66	1033	2DTH-KE		1.000	5.3+13	12-29-66	1034	12-30-66
184		PLA	6191	.0007		12-29-66	1033	2DTH-KE		1.000	5.3+13	12-29-66	1034	12-30-66
184		PLA	6192	.0007		12-30-66	1145	2DTH-KE		1.000	5.3+13	12-30-66	1146	12-30-66
243		VRS	0148	7.9800		10-14-66	1000	4CTH-KW		1.000	1.0+20	10-22-66	0930	01-10-67
243		VRS	0149	2.7800		11-11-66	1820	4CTH-KW		1.000	3.5+19	11-14-66	1310	01-10-67
254		WATER	0381	.0417		01-10-67	1730	2ATH-KW		1.000	3.9+17	01-10-67	1830	01-11-67
254		WATER	0382	.0417		01-10-67	1730	2ATH-KW		1.000	3.9+17	01-10-67	1830	01-11-67
254		VRS	0383	1.0104		01-12-67	1500	2BTH-KW		1.000	1.3+19	01-13-67	1515	01-17-67
254		WATER	0376	.0417		12-18-66	0900	2DTH-KE		1.000	3.9+17	12-18-66	1000	12-19-66
254		WATER	0377	.0417		12-19-66	0950	2DTH-KE		1.000	3.9+17	12-19-66	1050	12-20-66
254		WATER	0378	.0417		12-19-66	0950	2DTH-KE		1.000	3.9+17	12-19-66	1050	12-20-66
254		WATER	0379	.0417		12-19-66	0950	2DTH-KE		1.000	3.9+17	12-19-66	1050	12-20-66
254		WATER	0380	.0417		12-23-66	2130	2DTH-KE		1.000	3.9+17	12-28-66	2230	12-29-66
254		WATER	0384	.0417		01-14-67	1230	2DTH-KE		1.000	3.9+17	01-14-67	1330	01-15-67
254		WATER	0385	.0417		01-14-67	1230	2DTH-KE		1.000	3.9+17	01-14-67	1330	01-15-67
271		DEP-U	0051	2.9792		01-05-67	1100	2ATH-KW		1.000	2.8+19	01-08-67	1030	01-09-67

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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	
THE FOLLOWING IRRADIATIONS WERE SHIPPED DURING THE MONTH													
271		DEP-U	0049	3.0000		12-13-66	1000	2DTH-KE		1.000	12-18-66	1000	12-19-66
271		DEP-U	0050	2.9479		12-30-66	1630	2DTH-KE		1.000	01-02-67	1515	01-03-67
309		JO	SNC6	.1667		01-13-67	1130	2BTH-KW		1.000	01-18-67	1530	01-20-67
345		ZIRC	0010	.0417		01-11-67	1010	2ATH-KW		1.000	01-11-67	1110	01-13-67
345		ZIRC	0011	.0417		01-18-67	1810	2DTH-KE		1.000	01-18-67	1910	01-19-67
351		GRAPH	0006	3.7847		01-03-67	1410	2BTH-KW		1.000	01-07-67	0900	01-08-67
362		FLUX-M	0003	3.5139		12-22-66	1110	2ATH-KW		1.000	12-25-66	2330	01-03-67
362		FLUX-M	0011	.0417		01-13-67	1040	2ATH-KW		1.000	01-13-67	1140	01-14-67
362		FLUX-M	0001	9.9271		12-09-66	1455	2BTH-KW		1.000	12-19-66	1310	12-23-67
362		FLUX-M	0002	1.8368		12-19-66	1410	2BTH-KW		1.000	12-21-66	1015	12-22-66
362		FLUX-M	0005	.0833		01-09-67	0910	4CTH-KW		1.000	01-09-67	1110	01-10-67
362		FLUX-M	0006	.0833		01-09-67	0910	4CTH-KW		1.000	01-09-67	1110	01-10-67
362		FLUX-M	0007	.0833		01-09-67	0910	4CTH-KW		1.000	01-09-67	1110	01-10-67
362		FLUX-M	0008	.0833		01-09-67	0910	4CTH-KW		1.000	01-09-67	1110	01-10-67
362		FLUX-M	0009	.0833		01-09-67	0910	4CTH-KW		1.000	01-09-67	1110	01-10-67
363		BROMIN	0002	1.8194		12-16-66	1320	2DTH-KE		1.000	12-18-66	0900	12-22-66
367		WATER	0577	2.0312		12-18-66	1400	2ATH-KW		1.000	12-20-66	1445	12-22-66
367		WATER	0578	2.0312		12-18-66	1400	2ATH-KW		1.000	12-20-66	1445	12-22-66
367		WATER	0579	2.0312		12-18-66	1400	2ATH-KW		1.000	12-20-66	1445	12-22-66
367		WATER	0580	2.0312		12-18-66	1400	2ATH-KW		1.000	12-20-66	1445	12-22-66
367		WATER	0581	2.0312		12-18-66	1400	2ATH-KW		1.000	12-20-66	1445	12-22-66
367		WATER	0582	2.0312		12-18-66	1400	2ATH-KW		1.000	12-20-66	1445	12-22-66
367		TISSUE	0584	.0278		12-22-66	0900	2ATH-KW		1.000	12-22-66	0940	12-23-66
367		TISSUE	0585	.0278		12-22-66	0900	2ATH-KW		1.000	12-22-66	0940	12-23-66
367		TISSUE	0586	.0278		12-22-66	0900	2ATH-KW		1.000	12-22-66	0940	12-23-66
367		TISSUE	0587	.0278		12-22-66	0900	2ATH-KW		1.000	12-22-66	0940	12-23-66
367		TISSUE	0588	.0278		12-22-66	0900	2ATH-KW		1.000	12-22-66	0940	12-23-66
367		TISSUE	0589	.0278		12-22-66	0900	2ATH-KW		1.000	12-22-66	0940	12-23-66
367		TISSUE	0590	.0278		12-22-66	0900	2ATH-KW		1.000	12-22-66	0940	12-23-66

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