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TITLE

STATUS OF IRRADIATIONS PERFORMED BY
TESTING FOR PNL AS OF DECEMBER 10, 1965

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J. H. Ferguson

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Verified By Cherri Maly, 10-19-94

STATUS OF IRRADIATIONS PERFORMED BY
TESTING FOR PNL AS OF DECEMBER 10, 1965

J. H. Ferguson

DOUGLAS UNITED NUCLEAR, INC.
RICHLAND, WASHINGTON

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This report itemizes the irradiations performed by Irradiation Testing for Pacific Northwest Laboratory. It lists the material undergoing irradiation, 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 Irradiation Testing to an experiment for purposes of identification.
- b. Request Number - Customer experiment identification number, if any.
- c. Material - The principal target material, if known, abbreviated or its chemical symbol in capital letters.
- d. PT or Standard Number - Production test or Process Standard authorizing the irradiation.
- e. Piece Number - Individual sample or assembly identification.

Operating Time (days) - Does not apply to this report.

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

Charge Date - Date sample charged in reactor. If more precise time is required, contact Irradiation Testing.

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 the facility or sample in relation to a front-to-rear cosine flux distribution.

Exposure to Date

- a. MWD/AT - Does not apply to this report.
- b. NVT X 10¹⁹ - Total thermal neutron exposure per square centimeter received by the surrounding uranium columns. Exposure received by the sample is subject to various variables and is left to the customer for extrapolation. Test Engineering will assist any customer with this extrapolation.

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Discharge Date - Date samples were removed from the reactor. If a more precise time is required, contact Irradiation Testing.

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

JH Ferguson
Supervisor
Irradiation Testing

JH Ferguson:msp

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IDENTIFICATION														EXPOSURE TO DATE		DISCHARGE DATE	SHIPPING DATE
TSR NO.	REQUEST NUMBER	MATERIAL	PT OR STANDARD NUMBER	PIECE NO.	OPERATING TIME (DAYS)	CMK	CHARGE DATE	FACILITY	TEST HOLE POSITION	POSITION FACTOR	MWD/AT	NVT X 10 ¹⁹					
THE FOLLOWING IRRADIATIONS ARE IN PROGRESS.																	
119		GRAPH	A-010	A285			07-07-65	2ATH-KW	1-2267	.751		50.8					
119		GRAPH	A-010	A286			07-07-65	2ATH-KW	2-2272	.751		50.1					
119		GRAPH	A-010	A287			07-07-65	2ATH-KW	3-2272	.751		50.1					
119		GRAPH	A-010	A288			07-07-65	2ATH-KW	4-2272	.751		50.1					
119		GRAPH	A-010	A291			07-07-65	2ATH-KW	5-2272	.751		50.1					
119		GRAPH	A-010	A292			07-07-65	2ATH-KW	6-2272	.751		50.1					
119		GRAPH	A-010	A295			07-07-65	2ATH-KW	1-2272	.751		50.1					
119		GRAPH	A-010	A296			07-07-65	2ATH-KW	2-2276	.751		51.1					
119		GRAPH	A-010	A297			07-07-65	2ATH-KW	3-2276	.751		51.1					
119		GRAPH	A-010	A298			07-07-65	2ATH-KW	4-2276	.751		51.1					
119		GRAPH	A-010	A300			07-07-65	2ATH-KW	5-2276	.751		51.1					
119		GRAPH	A-010	A301			07-07-65	2ATH-KW	6-2276	.751		51.1					
119		GRAPH	A-010	A302			07-07-65	2ATH-KW	1-2276	.751		51.1					
119		GRAPH	A-010	A303			07-07-65	2ATH-KW	2-2281	.751		51.8					
119		GRAPH	A-010	A304			07-07-65	2ATH-KW	3-2281	.751		51.8					
119		GRAPH	A-010	A305			07-07-65	2ATH-KW	4-2281	.751		51.8					
119		GRAPH	A-010	A314			07-07-65	2ATH-KW	6-2267	.751		50.9					
119		GRAPH	A-010	A315			07-07-65	2ATH-KW	5-2267	.751		50.8					
119		GRAPH	A-010	A316			07-07-65	2ATH-KW	4-2267	.751		50.8					
119		GRAPH	A-010	A317			07-07-65	2ATH-KW	3-2267	.751		50.8					
119		GRAPH	A-010	A318			07-07-65	2ATH-KW	2-2267	.751		50.8					
119		GRAPH	A-010	A319			07-07-65	2ATH-KW	1-2262	.751		51.0					
119		GRAPH	A-010	A320			07-07-65	2ATH-KW	6-2262	.751		51.0					
119		GRAPH	A-010	A321			07-07-65	2ATH-KW	4-2262	.751		51.0					
119		GRAPH	A-010	A322			07-07-65	2ATH-KW	5-2262	.751		51.0					
119		GRAPH	A-010	A323			07-07-65	2ATH-KW	1-2258	.751		46.9					
119		GRAPH	A-010	A324			07-07-65	2ATH-KW	2-2262	.751		50.8					
119		GRAPH	A-010	A325			07-07-65	2ATH-KW	3-2262	.751		50.8					
119		GRAPH	A-010	P-02			07-07-65	2ATH-KW	1-2281	.751		51.8					
119		GRAPH	A-010	P-04			07-07-65	2ATH-KW	2-2286	.751		47.4					
119		GRAPH	A-010	P-80			07-07-65	2ATH-KW	1-2286	.751		47.4					
119		GRAPH	A-010	P-87			07-07-65	2ATH-KW	6-2281	.751		51.7					
119		GRAPH	A-010	P-96			07-07-65	2ATH-KW	5-2281	.751		51.7					
119		GRAPH	A-010	P115			07-07-65	2ATH-KW	3-2286	.751		47.4					
119		GRAPH	A-010	P116			07-07-65	2ATH-KW	4-2286	.751		47.4					
119		GRAPH	A-010	P117			07-07-65	2ATH-KW	5-2286	.751		47.4					
119		GRAPH	A-010	P118			07-07-65	2ATH-KW	6-2286	.751		47.4					
177		GRAPH	A-010	0J-1			12-03-65	RT4-C	0-2265	.974		12.6					

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IDENTIFICATION					OPERATING TIME (DAYS)	ABSORBED CMK	CHARGE DATE	FACILITY	LOCATION		EXPOSURE TO DATE		DISCHARGE DATE	SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PT OR STANDARD NUMBER	PIECE NO.					TEST HOLE POSITION	POSITION FACTOR	MWD/AT	N V T X 10 ¹⁹		
THE FOLLOWING IRRADIATIONS ARE IN PROGRESS.														
177		GRAPH	A-010	0J-3			12-03-65	BTH -C	0-2268			12.8		
177		GRAPH	A-010	0J-6			08-16-65	BTH -C	0-2283			42.1		
177		GRAPH	A-010	0J-7			12-03-65	BTH -C	0-2274			11.6		
177		GRAPH	A-010	0J-8			08-16-65	BTH -C	0-2280			45.0		
177		GRAPH	A-010	0K-6			06-18-65	BTH -C	0-2286			57.6		
177		GRAPH	A-010	0K-7			12-03-65	BTH -C	0-2271			12.2		
177		GRAPH	A-010	0K-8			12-03-65	BTH -C	0-2277			12.6		
177		GRAPH	A-010	00K5			06-18-65	BTH -C	0-2262			59.8		
177		GRAPH	A-010	00K9			06-18-65	BTH -C	0-2259			58.9		
177		GRAPH	A-010	000K			07-30-65	YTH -C	0-3562			45.6		
177		GRAPH	A-010	S-1			04-27-65	3ATH-KE				.0		
177		GRAPH	A-010	S-2			04-27-65	3ATH-KE				.0		
177		GRAPH	A-010	S-3			04-27-65	3ATH-KE				.0		
177		GRAPH	A-010	S-4			04-27-65	3ATH-KE				.0		
177		GRAPH	A-010	S-5			04-27-65	3ATH-KE				.0		
177		GRAPH	A-010	0B-2			10-22-65	3ATH-KE	0-2964			22.4		
177		GRAPH	A-010	0B-3			10-22-65	3ATH-KE	0-2958			24.0		
177		GRAPH	A-010	0C-3			10-22-65	3ATH-KE	0-2961			23.6		
177		GRAPH	A-010	0C-7			10-22-65	3ATH-KE	0-2967			23.9		
177		GRAPH	A-010	0001			01-14-66	3ATH-KE	0-2970			.0		
177		GRAPH	A-010	0002			01-14-66	3ATH-KE	0-2973			.0		
177		GRAPH	A-010	0003			01-14-66	3ATH-KE	0-2976			.0		
177		GRAPH	A-010	0004			01-14-66	3ATH-KE	0-2979			.0		
177		GRAPH	A-010	A7			01-26-65	3BTH-KE	0-2958			133.6		
177		GRAPH	A-010	A9			01-26-65	3BTH-KE	0-2961			130.7		
177		GRAPH	A-010	C4			04-12-65	3BTH-KE	0-2970			106.5		
177		GRAPH	A-010	L			01-26-65	3BTH-KE	0-2964			125.6		
177		GRAPH	A-010	S-1			01-26-65	3BTH-KE				.0		
177		GRAPH	A-010	S-2			01-26-65	3BTH-KE				.0		
177		GRAPH	A-010	S-3			01-26-65	3BTH-KE				.0		
177		GRAPH	A-010	S-4			01-26-65	3BTH-KE				.0		
177		GRAPH	A-010	S-5			01-26-65	3BTH-KE				.0		
177		GRAPH	A-010	TC			01-26-65	3BTH-KE	0-2955			.0		
177		GRAPH	A-010	0A-1			01-26-65	3BTH-KE	0-2955			125.7		
177		GRAPH	A-010	0B-9			09-15-65	3BTH-KE	0-2970			44.5		
177		GRAPH	A-010	0C-5			09-15-65	3BTH-KE	0-2967			44.3		
177		GRAPH	A-010	0C-5			09-15-65	3BTH-KE	0-2973			43.5		
177		GRAPH	A-010	0C-9			09-15-65	3BTH-KE	0-2988			42.6		
177		GRAPH	A-010	88			04-12-65	3BTH-KE	0-2964			99.9		

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IDENTIFICATION					OPERATING TIME (DAYS)	CMK ABSORBED	CHARGE DATE	LOCATION			EXPOSURE TO DATE		DISCHARGE DATE	SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PT OR STANDARD NUMBER	PIECE NO.				FACILITY	TEST HOLE POSITION	POSITION FACTOR	MWD/AT	N V T X 10 ¹⁹		
THE FOLLOWING IRRADIATIONS ARE IN PROGRESS.														
177		GRAPH	A-010	P06			01-27-65	3CTH-KE	0-2977	.974		134.8		
177		GRAPH	A-010	P07			01-27-65	3CTH-KE	0-2974	.974		124.5		
177		GRAPH	A-010	P08			01-27-65	3CTH-KE	0-2971	.974		138.1		
177		GRAPH	A-010	P09			01-27-65	3CTH-KE	0-2968	.974		133.9		
177		GRAPH	A-010	P10			01-27-65	3CTH-KE	0-2965	.974		127.6		
177		GRAPH	A-010	P11			01-27-65	3CTH-KE	0-2962	.974		132.5		
177		GRAPH	A-010	P12			01-27-65	3CTH-KE	0-2959	.974		137.4		
177		GRAPH	A-010	P13			01-27-65	3CTH-KE	0-2956	.974		131.7		
177		GRAPH	A-010	P14			03-04-65	3CTH-KE	0-2980	.974		118.7		
177		GRAPH	A-010	P15			01-27-65	3CTH-KE	0-2953	.974		119.8		
177		GRAPH	A-010	S-1			09-10-63	3CTH-KE		.974		.0		
177		GRAPH	A-010	S-2			09-10-63	3CTH-KE		.974		.0		
177		GRAPH	A-010	S-3			09-10-63	3CTH-KE		.974		.0		
177		GRAPH	A-010	S-4			09-10-63	3CTH-KE		.974		.0		
177		GRAPH	A-010	S-5			09-10-63	3CTH-KE		.974		.0		
177		GRAPH	A-010	T1			01-27-65	3CTH-KE	0-2980	.974		131.0		
177		GRAPH	A-010	OSP1			08-27-64	3CTH-KW		.974		.0		
177		GRAPH	A-010	OSP2			08-27-64	3CTH-KW		.974		.0		
177		GRAPH	A-010	OSP3			08-27-64	3CTH-KW		.974		.0		
177		GRAPH	A-010	OSP4			08-27-64	3CTH-KW		.974		.0		
177		GRAPH	A-010	OTC1			08-27-64	3CTH-KW	0-2954	.974		156.7		
177		GRAPH	A-010	A2			12-17-64	3DTH-KE	0-2985	.751		114.2		
177		GRAPH	A-010	A3			12-17-64	3DTH-KE	0-2964	.751		107.6		
177		GRAPH	A-010	A8			12-17-64	3DTH-KE	0-2970	.751		114.1		
177		GRAPH	A-010	B1			12-17-64	3DTH-KE	0-2961	.751		112.1		
177		GRAPH	A-010	B4			12-17-64	3DTH-KE	0-2958	.751		114.9		
177		GRAPH	A-010	B5			12-17-64	3DTH-KE	0-2979	.751		106.7		
177		GRAPH	A-010	S-1			04-27-64	3DTH-KE		.751		.0		
177		GRAPH	A-010	S-2			04-27-64	3DTH-KE		.751		.0		
177		GRAPH	A-010	S-3			04-27-64	3DTH-KE		.751		.0		
177		GRAPH	A-010	S-4			04-27-64	3DTH-KE		.751		.0		
177		GRAPH	A-010	S-5			04-27-64	3DTH-KE		.751		.0		
222		U	IP687	0034			11-19-65	2DTH-KW		.751		12.5		
236		STEEL	A-010	4-14			02-26-65	2CTH-KW		.974		81.2		
236		SS	A-010	04-			10-20-65	3ATH-KW		.751		20.1		
236		ZIRC	A-010	04-7			07-12-65	3BTH-KW		.974		39.0		
236		STEEL	A-010	4-15			02-26-65	3DTH-KW		.751		83.0		
243		FE	A-010	0S-2			09-22-65	3ATH-KW	0-4387	.974		36.4		

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TIR NO.	IDENTIFICATION				OPERATING TIME (DAYS)	CM X ABSORBED	CHARGE DATE	LOCATION		POSITION FACTOR	EXPOSURE TO DATE		DISCHARGE DATE	SHIPPING DATE
	REQUEST NUMBER	MATERIAL	PT OR STANDARD NUMBER	PIECE NO.				FACILITY	TEST HOLE POSITION		MWD/AT	NVT X 10 ¹⁹		
THE FOLLOWING IRRADIATIONS ARE IN PROGRESS.														
243		FE	A-010	0S-3			09-22-65	3ATH-KW	0-4386	.974		34.9		
243		VAR10S	A-010	0094			09-09-64	40TH-KW		.974		108.3		
243		VAR10S	A-010	0120			07-26-65	40TH-KW		.974		40.4		
243		VAR10S	A-010	0121			07-26-65	40TH-KW		.974		40.5		
259		HASTLY	IP563	0A-G			12-22-64	ETH -C	0-2177	.648		83.9		
259		HASTLY	IP563	0A-H			12-22-64	ETH -C	0-2175	.648		81.1		
259		NICKEL	IP563	TC-1			12-23-65	YTH -C	0-3577	.987		6.5		
288		UO-PUO	IP672	0006			02-05-65	0663-C		1.000		100.7		
288		UO-PUO	IP672	0007			02-05-65	0663-C		1.000		100.7		
288		UO-PUO	IP672	0010			02-05-65	0663-C		1.000		100.7		
288		UO-PUO	IP672	0011			02-05-65	0663-C		1.000		100.7		
307		FLXMON	A-010	0001			10-15-64	38TH-KW		.974		131.6		
307		FLXMON	A-010	0002			04-30-65	30TH-KW		.751		72.6		
322		THORIA	IP733	A002			11-19-65	3674-KW		.965		16.4		

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IDENTIFICATION					OPERATING TIME (DAYS)	CMK ABSORBED	CHARGE DATE	LOCATION			EXPOSURE TO DATE		DISCHARGE DATE	SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PT OR STANDARD NUMBER	PIECE NO.				FACILITY	TEST HOLE POSITION	POSITION FACTOR	MWD/AT	NVT X 10 ¹⁹		
THE FOLLOWING MATERIAL IS AWAITING DISPOSITION.														
177		GRAPH	A-010	00K4			04-13-65	BTH -C	0-2268	.987	REFUSED	26.2	06-18-65	
177		GRAPH	A-010	0D-1			09-15-65	3ATH-KE	0-2988	.751		32.7	01-14-66	
177		GRAPH	A-010	B6			12-17-64	3DTH-KE	0-2967	.751		111.3	01-14-66	
177		GRAPH	A-010	K1			12-17-64	3DTH-KE	0-2976	.751		110.0	01-14-66	
177		GRAPH	A-010	L1			12-17-64	3DTH-KE	0-2973	.751		110.9	01-14-66	
222		U	IP687	0026			08-10-65	3674-KW		1.000		33.6	11-04-65	
222		U	IP687	0028			08-10-65	3674-KW		1.000		33.6	11-04-65	
222		U	IP687	0025			11-15-65	3865-KW		1.000		11.5	12-06-65	
222		U	IP687	0033			09-24-65	3865-KW		1.000		19.3	11-14-65	
243		VARIOS	A-010	0119			07-26-65	40TH-KW		.974		39.8	01-07-66	
266		U	IP486	0001			11-17-62	3565-KE		.965		55.6	05-12-63	
266		U	IP486	0002			11-17-62	3565-KE		1.000		57.2	05-12-63	
266		U	IP486	0003			11-17-62	3565-KE		.965		55.2	05-12-63	
288		UO-PUO	IP672	0002			02-05-65	0672-C		1.000		52.0	07-20-65	
288		UO-PUO	IP672	0003			02-05-65	0672-C		1.000		52.0	07-20-65	
288		UO-PUO	IP672	0008			02-05-65	0672-C		1.000		52.0	07-20-65	
288		UO-PUO	IP672	0009			02-05-65	0672-C		1.000		52.0	07-20-65	
288		UO-PUO	IP672	0001			02-05-65	0678-C		1.000		102.3	01-10-66	
288		UO-PUO	IP672	0004			02-05-65	0678-C		1.000		102.3	01-10-66	
288		UO-PUO	IP672	0005			02-05-65	0678-C		1.000		102.3	01-10-66	
288		UO-PUO	IP672	0012			02-05-65	0678-C		1.000	102.3	01-10-66		

DECLASSIFIED

IDENTIFICATION					OPERATING TIME (DAYS)	CMK ABSORBED	CHARGE DATE	LOCATION			EXPOSURE TO DATE		DISCHARGE DATE	SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PT OR STANDARD NUMBER	PIECE NO.				FACILITY	TEST HOLE POSITION	POSITION FACTOR	MWD/AT	N V T X 10 ¹⁹		
THE FOLLOWING MATERIAL WAS SHIPPED DURING THE MONTH														
172		VRS	A-010	0276		12-17-65	2DTH-KE			.751	3.9	12-27-65	12-27-65	
172		VRS	A-010	0277		12-22-65	2DTH-KE			.751	2.6	12-29-65	12-29-65	
172		VRS	A-010	0278		12-22-65	2DTH-KE			.751	.0	12-22-65	12-22-65	
172		VRS	A-010	0279		01-04-66	2DTH-KE			.751	.0	01-04-66	01-04-66	
172		VRS	A-010	0280		01-07-66	2DTH-KE			.751	.0	01-08-66	01-08-66	
172		VRS	A-010	0281		01-10-66	2DTH-KE			.751	.0	01-10-66	01-10-66	
177		GRAPH	A-010	00J2		08-16-65	RT4 -C	0-2277		.987	32.1	12-03-65	12-15-65	
177		GRAPH	A-010	00J4		06-18-65	RT4 -C	0-2274		.987	44.0	12-03-65	12-15-65	
177		GRAPH	A-010	00J5		08-16-65	RT4 -C	0-2280		.987	32.6	12-03-65	12-15-65	
177		GRAPH	A-010	00J6		08-16-65	RT4 -C	0-2283		.987	31.2	12-03-65	12-15-65	
177		GRAPH	A-010	00J8		08-16-65	RT4 -C	0-2286		.987	31.3	12-03-65	12-15-65	
177		GRAPH	A-010	00K2		06-18-65	RT4 -C	0-2271		.987	46.2	12-03-65	12-15-65	
177		GRAPH	A-010	00K3		06-18-65	RT4 -C	0-2268		.987	48.0	12-03-65	12-15-65	
177		GRAPH	A-010	00K6		06-18-65	RT4 -C	0-2265		.987	47.7	12-03-65	12-15-65	
177		GRAPH	A-010	00A6		07-20-64	YTH -C	0-3565		.987	145.8	12-23-65	01-03-66	
184		VRS	A-010	1851		12-26-65	2ATH-KW			.751	.0	12-27-65	12-27-65	
184		VRS	A-010	1852		12-26-65	2ATH-KW			.751	.0	12-27-65	12-27-65	
184		VRS	A-010	1853		12-27-65	2ATH-KW			.751	.0	12-28-65	12-28-65	
184		VRS	A-010	1854		12-27-65	2ATH-KW			.751	.0	12-28-65	12-28-65	
184		VRS	A-010	1855		12-28-65	2ATH-KW			.751	.0	12-29-65	12-29-65	
184		VRS	A-010	1856		12-28-65	2ATH-KW			.751	.0	12-29-65	12-29-65	
184		VRS	A-010	1857		12-29-65	2ATH-KW			.751	.0	12-30-65	12-30-65	
184		VRS	A-010	1874		01-12-66	2ATH-KW			.751	.0	01-13-66	01-13-66	
184		VRS	A-010	1876		01-13-66	2ATH-KW			.751	.0	01-14-66	01-14-66	
184		VRS	A-010	1877		01-13-66	2ATH-KW			.751	.0	01-14-66	01-14-66	
184		VRS	A-010	6054		12-26-65	2ATH-KW			.751	.0	12-26-65	12-26-65	
184		VRS	A-010	6055		12-28-65	2ATH-KW			.751	.0	12-28-65	12-28-65	
184		VRS	A-010	6063		01-13-66	2ATH-KW			.751	.0	01-13-66	01-13-66	
184		VRS	A-010	1830		12-08-65	2DTH-KE			.751	.3	12-09-65	12-09-65	
184		VRS	A-010	1831		12-08-65	2DTH-KE			.751	.3	12-09-65	12-09-65	
184		VRS	A-010	1832		12-09-65	2DTH-KE			.751	.3	12-10-65	12-10-65	
184		VRS	A-010	1833		12-09-65	2DTH-KE			.751	.3	12-10-65	12-10-65	
184		VRS	A-010	1834		12-12-65	2DTH-KE			.751	.3	12-13-65	12-13-65	
184		VRS	A-010	1835		12-12-65	2DTH-KE			.751	.3	12-13-65	12-13-65	
184		VRS	A-010	1836		12-13-65	2DTH-KE			.751	.3	12-14-65	12-14-65	
184		VRS	A-010	1837		12-13-65	2DTH-KE			.751	.3	12-14-65	12-14-65	
184		VRS	A-010	1838		12-14-65	2DTH-KE			.751	.3	12-15-65	12-15-65	
184		VRS	A-010	1839		12-14-65	2DTH-KE			.751	.3	12-15-65	12-15-65	

DECLASSIFIED

IDENTIFICATION					OPERATING TIME (DAYS)	CMK ABSORBED	CHARGE DATE	LOCATION			EXPOSURE TO DATE		DISCHARGE DATE	SHIPPING DATE
TISR NO.	REQUEST NUMBER	MATERIAL	PT OR STANDARD NUMBER	PIECE NO.				FACILITY	TEST HOLE POSITION	POSITION FACTOR	MWD/AT	N V T X 10 ¹⁹		
THE FOLLOWING MATERIAL WAS SHIPPED DURING THE MONTH														
184		VRS	A-010	1840			12-15-65	2DTH-KE		.751		.3	12-16-65	12-16-65
184		VRS	A-010	1841			12-15-65	2DTH-KE		.751		.3	12-16-65	12-16-65
184		VRS	A-010	1842			12-16-65	2DTH-KE		.751		.3	12-17-65	12-17-65
184		VRS	A-010	1843			12-16-65	2DTH-KE		.751		.3	12-17-65	12-17-65
184		VRS	A-010	1844			12-19-65	2DTH-KE		.751		.3	12-20-65	12-20-65
184		VRS	A-010	1845			12-19-65	2DTH-KE		.751		.3	12-20-65	12-20-65
184		VRS	A-010	1846			12-20-65	2DTH-KE		.751		.3	12-21-65	12-21-65
184		VRS	A-010	1847			12-20-65	2DTH-KE		.751		.3	12-21-65	12-21-65
184		VRS	A-010	1848			12-20-65	2DTH-KE		.751		.3	12-21-65	12-21-65
184		VRS	A-010	1849			12-21-65	2DTH-KE		.751		.3	12-22-65	12-22-65
184		VRS	A-010	1850			12-21-65	2DTH-KE		.751		.3	12-22-65	12-22-65
184		VRS	A-010	1859			01-02-66	2DTH-KE		.751		.4	01-03-66	01-03-66
184		VRS	A-010	1860			01-02-66	2DTH-KE		.751		.4	01-03-66	01-03-66
184		VRS	A-010	1861			01-02-66	2DTH-KE		.751		.4	01-03-66	01-03-66
184		VRS	A-010	1862			01-03-66	2DTH-KE		.751		.0	01-04-66	01-04-66
184		VRS	A-010	1863			01-03-66	2DTH-KE		.751		.0	01-04-66	01-04-66
184		VRS	A-010	1864			01-04-66	2DTH-KE		.751		.0	01-05-66	01-05-66
184		VRS	A-010	1865			01-04-66	2DTH-KE		.751		.0	01-05-66	01-05-66
184		VRS	A-010	1866			01-05-66	2DTH-KE		.751		.0	01-06-66	01-06-66
184		VRS	A-010	1867			01-05-66	2DTH-KE		.751		.0	01-06-66	01-06-66
184		VRS	A-010	1868			01-06-66	2DTH-KE		.751		.3	01-07-66	01-07-66
184		VRS	A-010	1869			01-06-66	2DTH-KE		.751		.3	01-07-66	01-07-66
184		VRS	A-010	1870			01-09-66	2DTH-KE		.751		.3	01-10-66	01-10-66
184		VRS	A-010	1871			01-09-66	2DTH-KE		.751		.3	01-10-66	01-10-66
184		VRS	A-010	1872			01-10-66	2DTH-KE		.751		.0	01-11-66	01-11-66
184		VRS	A-010	1873			01-10-66	2DTH-KE		.751		.0	01-11-66	01-11-66
184		VRS	A-010	6042			12-11-65	2DTH-KE		.751		.0	12-11-65	12-11-65
184		VRS	A-010	6043			12-11-65	2DTH-KE		.751		.0	12-11-65	12-11-65
184		VRS	A-010	6044			12-11-65	2DTH-KE		.751		.0	12-11-65	12-11-65
184		VRS	A-010	6045			12-11-65	2DTH-KE		.751		.0	12-11-65	12-11-65
184		VRS	A-010	6046			12-11-65	2DTH-KE		.751		.0	12-11-65	12-11-65
184		VRS	A-010	6047			12-14-65	2DTH-KE		.751		.0	12-14-65	12-14-65
184		VRS	A-010	6048			12-15-65	2DTH-KE		.751		.0	12-15-65	12-15-65
184		VRS	A-010	6049			12-15-65	2DTH-KE		.751		.0	12-15-65	12-15-65
184		VRS	A-010	6050			12-16-65	2DTH-KE		.751		.0	12-16-65	12-16-65
184		VRS	A-010	6051			12-19-65	2DTH-KE		.751		.0	12-19-65	12-19-65
184		VRS	A-010	6052			12-20-65	2DTH-KE		.751		.0	12-20-65	12-20-65
184		VRS	A-010	6053			12-21-65	2DTH-KE		.751		.0	12-21-65	12-21-65

DECLASSIFIED

IDENTIFICATION					OPERATING TIME (DAYS)	CMK ABSORBED	CHARGE DATE	LOCATION		EXPOSURE TO DATE		DISCHARGE DATE	SHIPPING DATE	
TISR NO.	REQUEST NUMBER	MATERIAL	PT OR STANDARD NUMBER	PIECE NO.				FACILITY	TEST HOLE POSITION	POSITION FACTOR	MWD/AT			NVT X 10 ¹⁹
THE FOLLOWING MATERIAL WAS SHIPPED DURING THE MONTH														
184		VRS	A-010	6056			01-04-66	2DTH-KE		.751		.0	01-04-66	01-04-66
184		VRS	A-010	6057			01-04-66	2DTH-KE		.751		.0	01-04-66	01-04-66
184		VRS	A-010	6058			01-04-66	2DTH-KE		.751		.0	01-04-66	01-04-66
184		VRS	A-010	6059			01-05-66	2DTH-KE		.751		.0	01-05-66	01-05-66
184		VRS	A-010	6060			01-06-66	2DTH-KE		.751		.0	01-06-66	01-06-66
184		VRS	A-010	6061			01-09-66	2DTH-KE		.751		.0	01-09-66	01-09-66
184		VRS	A-010	6062			01-10-66	2DTH-KE		.751		.0	01-10-66	01-10-66
222		U	IP687	00P5			06-04-65	3865-KW		1,000		36.5	09-24-65	11-17-65
222		U	IP687	0031			01-07-65	3865-KW		1,000		18.7	02-06-65	11-17-65
243		VARIOS	A-010	0115			05-07-65	4CTH-KW		.974		21.9	10-13-65	12-15-65
243		VARIOS	A-010	0116			07-26-65	4CTH-KW		.974		11.6	10-13-65	12-15-65
243		VARIOS	A-010	0117			07-26-65	4CTH-KW		.974		11.6	10-13-65	12-15-65
243		VARIOS	A-010	0118			07-26-65	4CTH-KW		.974		11.6	10-13-65	12-15-65
243		VARIOS	A-010	097A			05-07-65	4CTH-KW		.974		29.9	11-17-65	12-15-65
254		VRS	A-010	0277			12-12-65	2ATH-KW		.751		.0	12-12-65	12-12-65
254		VRS	A-010	0278			12-12-65	2ATH-KW		.751		.0	12-12-65	12-12-65
254		VRS	A-010	0279			12-12-65	2ATH-KW		.751		.0	12-12-65	12-12-65
254		VRS	A-010	0280			12-12-65	2ATH-KW		.751		.0	12-12-65	12-12-65
254		VRS	A-010	0287			01-09-66	2ATH-KW		.751		.3	01-10-66	01-10-66
254		VRS	A-010	0281			12-16-65	2DTH-KE		.751		.0	12-16-65	12-16-65
254		VRS	A-010	0282			12-17-65	2DTH-KE		.751		.0	12-17-65	12-17-65
254		VRS	A-010	0283			12-17-65	2DTH-KE		.751		.4	12-18-65	12-18-65
254		VRS	A-010	0284			12-17-65	2DTH-KE		.751		.4	12-18-65	12-18-65
254		VRS	A-010	0285			12-20-65	2DTH-KE		.751		.0	12-20-65	12-20-65
254		VRS	A-010	0286			12-21-65	2DTH-KE		.751		.0	12-21-65	12-21-65
259		HASTLY	A-010	0000			09-27-63	ATH -C	0-2280	.987		265.8	12-23-65	12-27-65
259		HASTLY	A-010	TC-2			12-22-64	ETH -C	0-2279	.987		124.1	01-10-66	01-14-66
259		HASTLY	A-010	0000			12-22-64	ETH -C	0-2277	.987		128.1	01-14-66	01-14-66
259		HASTLY	A-010	000W			12-22-64	ETH -C	0-2275	.987		123.5	01-14-66	01-14-66
271		U	A-010	0032			11-29-65	2ATH-KW		.751		2.5	12-12-65	12-12-65
271		U	IP741	0033			01-07-66	3664-D		1,000		1.1	01-10-66	01-10-66
321		AL-CO-	A-010	0027			12-02-65	2ATH-KW		.751		5.2	01-01-66	01-01-66
345		7R-0	A-010	0000			12-21-65	2DTH-KE		.751		.2	12-21-65	12-21-65
345		LU-0	A-010	0001			12-21-65	2DTH-KE		.751		.0	12-21-65	12-21-65

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