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**Prepared for the U.S. Department of Energy
under Contract DE-AC06-76RLO 1830**

**Pacific Northwest Laboratory
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TITLE

STATUS OF IRRADIATIONS PERFORMED BY
TESTING AND IRRADIATION SERVICES
FOR BNW AS OF SEPTEMBER 17, 1967

AUTHOR

L. V. Barker

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STATUS OF IRRADIATIONS PERFORMED BY
TESTING AND IRRADIATION SERVICES
FOR BNW AS OF SEPTEMBER 17, 1967

L. V. Barker

Classification Cancelled and Changed To

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By Authority of ARM-Mem

CG-NMP-1 8-3-94

By J E Savely 12-15-94

Verified By SPR 12-20-94

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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.

L. V. Barker
L. V. Barker, Supervisor
Irradiation Testing

LVB/k

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BM-5300-163 (7-66)

IDENTIFICATION			PIECE NO.	OPERATING TIME (DAYS)	ABSORBED	DATE	8TH -C 8TH -C
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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.														
222		U	P-16	145.9636		02-08-67	0745	3674-KW		1.000	2.3+21	08-08-67	0745	
222		U	P-14	93.8213		05-27-67	1452	3865-KW		1.000	1.5+21	09-13-67	2312	
243		MO	0154	20.2916		05-04-67	1515	4CTH-KW		1.000	2.3+20	07-05-67	1315	
243		MO	0156	20.2916		05-04-67	1515	4CTH-KW		1.000	2.3+20	07-05-67	1315	
243		NI	0158	20.2916		05-04-67	1515	4CTH-KW		1.000	2.3+20	07-05-67	1315	
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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														
1/2		PLA	1029	1.0000		08-15-67	2025	2ATH-KW		1.000	6.8+17	08-16-67	2025	08-18-67
1/2		PLA	1030	1.0000		08-15-67	2025	2ATH-KW		1.000	7.6+17	08-16-67	2025	08-18-67
1/2		PLA	1031	1.0000		08-15-67	2025	2ATH-KW		1.000	8.5+17	08-16-67	2025	08-18-67
1/2		PLA	1032	1.0000		08-15-67	2025	2ATH-KW		1.000	8.5+17	08-16-67	2025	08-18-67
1/2		PLA	1033	1.0000		08-15-67	2025	2ATH-KW		1.000	1.7+18	08-16-67	2025	08-18-67
1/2		PLA	1034	1.0000		08-15-67	2025	2ATH-KW		1.000	1.7+18	08-16-67	2025	08-18-67
1/2		WATER	1035	1.9826		08-17-67	0940	2DTH-KE		1.000	1.8+19	08-19-67	0915	08-21-67
1/2		SALTS	1036	.9375		08-19-67	1045	2DTH-KE		1.000	6.3+17	08-20-67	0915	08-21-67
1/2		SALTS	1037	.9375		08-19-67	1045	2DTH-KE		1.000	7.1+17	08-20-67	0915	08-21-67
1/2		SALTS	1038	.9375		08-19-67	1045	2DTH-KE		1.000	7.9+17	08-20-67	0915	08-21-67
1/2		SALTS	1039	.9375		08-19-67	1045	2DTH-KE		1.000	7.9+17	08-20-67	0915	08-21-67
1/2		SALTS	1040	.9375		08-19-67	1045	2DTH-KE		1.000	1.6+18	08-20-67	0915	08-21-67
1/2		SALTS	1041	.9375		08-19-67	1045	2DTH-KE		1.000	1.6+18	08-20-67	0915	08-21-67
1/2		PLAS	1042	.0069		08-23-67	0655	2DTH-KE		1.000	5.8+15	08-23-67	0705	08-23-67
1/2		SPIKES	1043	.0417		08-24-67	1305	2DTH-KE		1.000	3.9+17	08-24-67	1405	08-25-67
1/2		P-BR	1044	.5000		08-24-67	2155	2DTH-KE		1.000	3.8+17	08-25-67	0955	08-28-67
1/2		P-BR	1045	.5000		08-24-67	2155	2DTH-KE		1.000	4.2+17	08-25-67	0955	08-28-67
1/2		P-BR	1046	.5000		08-24-67	2155	2DTH-KE		1.000	4.2+17	08-25-67	0955	08-28-67
1/2		SALTS	1047	1.0000		08-25-67	1410	2DTH-KE		1.000	6.8+17	08-26-67	1410	08-27-67
1/2		SALTS	1048	1.0000		08-25-67	1410	2DTH-KE		1.000	7.6+17	08-26-67	1410	08-27-67
1/2		SALTS	1049	1.0000		08-25-67	1410	2DTH-KE		1.000	8.5+17	08-26-67	1410	08-27-67
1/2		SALTS	1050	1.0000		08-25-67	1410	2DTH-KE		1.000	8.5+17	08-26-67	1410	08-27-67
1/2		SALTS	1051	1.0000		08-25-67	1410	2DTH-KE		1.000	1.7+18	08-26-67	1410	08-27-67
1/2		SALTS	1052	1.0000		08-25-67	1410	2DTH-KE		1.000	1.7+18	08-26-67	1410	08-27-67
1/2		FILTER	1053	.0417		08-31-67	1045	2DTH-KE		1.000	3.9+17	08-31-67	1145	09-01-67
1/2		FILTER	1054	.0417		08-31-67	1045	2DTH-KE		1.000	3.9+17	08-31-67	1145	09-01-67
1/2		FILTER	1055	.0417		08-31-67	1045	2DTH-KE		1.000	3.9+17	08-31-67	1145	09-01-67
1/2		FILTER	1056	.0417		08-31-67	1045	2DTH-KE		1.000	3.9+17	08-31-67	1145	09-01-67
1/2		FILTER	1057	.0417		08-31-67	1045	2DTH-KE		1.000	3.9+17	08-31-67	1145	09-01-67
1/2		FILTER	1058	.0417		08-31-67	1045	2DTH-KE		1.000	3.9+17	08-31-67	1145	09-01-67
1/2		SALTS	1059	1.0000		08-31-67	1320	2DTH-KE		1.000	6.8+17	09-01-67	1320	09-04-67
1/2		SALTS	1060	1.0000		08-31-67	1320	2DTH-KE		1.000	7.6+17	09-01-67	1320	09-04-67
1/2		SALTS	1061	1.0000		08-31-67	1320	2DTH-KE		1.000	8.5+17	09-01-67	1320	09-04-67
1/2		SALTS	1062	1.0000		08-31-67	1320	2DTH-KE		1.000	8.5+17	09-01-67	1320	09-04-67
1/2		SALTS	1063	1.0000		08-31-67	1320	2DTH-KE		1.000	1.7+18	09-01-67	1320	09-04-67
1/2		SALTS	1064	1.0000		08-31-67	1320	2DTH-KE		1.000	1.7+18	09-01-67	1320	09-04-67
1/2		SALTS	1065	.8021		09-01-67	1510	2DTH-KE		1.000	6.1+17	09-02-67	1015	09-04-67
1/2		SALTS	1066	.8021		09-01-67	1510	2DTH-KE		1.000	6.8+17	09-02-67	1015	09-04-67

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IDENTIFICATION				OPERATING TIME (DAYS)	C M K ABSORBED	CHARGE		LOCATION		EXPOSURE TO DATE NVT	DISCHARGE		SHIPPING DATE
TIR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.			DATE	TIME	FACILITY	TEST HOLE POSITION		POSITION FACTOR	DATE	
THE FOLLOWING IRRADIATIONS WERE SHIPPED DURING THE MONTH													
172		SALTS	1067	.3021		09-01-67	1510	2DTH-KE	1.000	6.8+17	09-02-67	1015	09-04-67
172		SALTS	1068	.8021		09-01-67	1510	2DTH-KE	1.000	1.4+18	09-02-67	1015	09-04-67
172		SALTS	1069	1.0000		09-02-67	1255	2DTH-KE	1.000	6.8+17	09-03-67	1255	09-07-67
172		SALTS	1070	1.0000		09-02-67	1255	2DTH-KE	1.000	7.6+17	09-03-67	1255	09-07-67
172		SALTS	1071	1.0000		09-02-67	1255	2DTH-KE	1.000	8.5+17	09-03-67	1255	09-07-67
172		SALTS	1072	1.0000		09-02-67	1255	2DTH-KE	1.000	8.5+17	09-03-67	1255	09-07-67
172		SALTS	1073	1.0000		09-02-67	1255	2DTH-KE	1.000	1.7+18	09-03-67	1255	09-07-67
172		SALTS	1074	1.0000		09-02-67	1255	2DTH-KE	1.000	1.7+18	09-03-67	1255	09-07-67
172		SALTS	1075	1.0000		09-03-67	1015	2DTH-KE	1.000	6.8+17	09-04-67	1015	09-07-67
172		SALTS	1076	1.0000		09-03-67	1015	2DTH-KE	1.000	7.6+17	09-04-67	1015	09-07-67
172		SALTS	1077	1.0000		09-03-67	1015	2DTH-KE	1.000	6.5+17	09-04-67	1015	09-07-67
172		SALTS	1078	1.0000		09-03-67	1015	2DTH-KE	1.000	6.5+17	09-04-67	1015	09-07-67
172		SALTS	1079	1.0000		09-03-67	1015	2DTH-KE	1.000	1.7+18	09-04-67	1015	09-07-67
172		SALTS	1080	1.0000		09-03-67	1015	2DTH-KE	1.000	1.7+18	09-04-67	1015	09-07-67
172		FILTER	1081	.0417		09-05-67	0948	2DTH-KE	1.000	3.9+17	09-05-67	1048	09-06-67
172		FILTER	1082	.0417		09-05-67	0948	2DTH-KE	1.000	3.9+17	09-05-67	1048	09-06-67
172		FILTER	1083	.0417		09-05-67	0948	2DTH-KE	1.000	3.9+17	09-05-67	1048	09-06-67
172		FILTER	1084	.0417		09-05-67	0948	2DTH-KE	1.000	3.9+17	09-05-67	1048	09-06-67
172		FILTER	1085	.0417		09-05-67	0948	2DTH-KE	1.000	3.9+17	09-05-67	1048	09-06-67
172		FILTER	1086	.0417		09-05-67	0948	2DTH-KE	1.000	3.9+17	09-05-67	1048	09-06-67
172		FILTER	1087	.0417		09-05-67	0948	2DTH-KE	1.000	3.9+17	09-05-67	1048	09-06-67
172		VRS	1088	.0139		09-07-67	0903	2DTH-KE	1.000	1.2+16	09-07-67	0923	09-07-67
172		VRS	1089	.0139		09-07-67	0903	2DTH-KE	1.000	1.2+16	09-07-67	0923	09-07-67
172		FILTER	1090	.0417		09-08-67	1050	2DTH-KE	1.000	3.9+17	09-08-67	1150	09-11-67
172		FILTER	1091	.0417		09-08-67	1050	2DTH-KE	1.000	3.9+17	09-08-67	1150	09-11-67
172		FILTER	1092	.0417		09-08-67	1050	2DTH-KE	1.000	3.9+17	09-08-67	1150	09-11-67
172		FILTER	1093	.0417		09-08-67	1050	2DTH-KE	1.000	3.9+17	09-08-67	1150	09-11-67
172		FILTER	1094	.0417		09-08-67	1050	2DTH-KE	1.000	3.9+17	09-08-67	1150	09-11-67
172		TISSUE	1105	.0208		09-15-67	0840	2DTH-KE	1.000	1.9+17	09-15-67	0910	09-15-67
172		TISSUE	1107	.0208		09-15-67	0840	2DTH-KE	1.000	1.9+17	09-15-67	0910	09-15-67
172		TISSUE	1108	.0208		09-15-67	0840	2DTH-KE	1.000	1.9+17	09-15-67	0910	09-15-67
177		GRAPH	00A5	167.6826		10-22-66	0706	3ATH-KE	0-2278	1.6+21	05-06-67	1750	09-16-67
184		VRS	2629	.8229		08-15-67	1100	2DTH-KE	1.000	5.6+17	08-16-67	0645	08-16-67
184		VRS	2630	.8646		08-15-67	1000	2DTH-KE	1.000	8.0+18	08-17-67	0645	08-17-67
184		VRS	2631	.8785		08-17-67	0940	2DTH-KE	1.000	8.2+18	08-18-67	0645	08-17-67
184		VRS	2632	.8785		08-17-67	0940	2DTH-KE	1.000	8.2+18	08-18-67	0645	08-17-67
184		PLA	2633	.0007		08-20-67	1021	2DTH-KE	1.000	5.9+13	08-20-67	1022	08-21-67
184		VRS	2634	.8299		08-20-67	1035	2DTH-KE	1.000	7.7+18	08-21-67	0630	08-21-67

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IDENTIFICATION				OPERATING TIME (DAYS)	C M K ABSORBED	CHARGE		LOCATION		EXPOSURE TO DATE NVT	DISCHARGE		SHIPPING DATE
TIR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.			DATE	TIME	FACILITY	TEST HOLE POSITION		DATE	TIME	
THE FOLLOWING IRRADIATIONS WERE SHIPPED DURING THE MONTH													
104		VRS	2635	.8299		08-20-67	1035	2DTH-KE		7.7+18	08-21-67	0630	08-21-67
104		VRS	2636	.8229		08-21-67	1045	2DTH-KE		7.7+18	08-22-67	0630	08-22-67
104		VRS	2637	.8229		08-21-67	1045	2DTH-KE		7.7+18	08-22-67	0630	08-22-67
104		VRS	2638	.8264		08-22-67	1040	2DTH-KE		7.7+18	08-23-67	0630	08-23-67
104		VRS	2639	.8264		08-22-67	1040	2DTH-KE		7.7+18	08-23-67	0630	08-23-67
104		VRS	2640	.8402		08-23-67	1020	2DTH-KE		1.4+18	08-24-67	0630	08-24-67
104		VRS	2641	.8403		08-23-67	1020	2DTH-KE		1.4+18	08-24-67	0630	08-24-67
104		VRS	2642	.9028		08-27-67	0850	2DTH-KE		1.5+18	08-28-67	0630	08-28-67
104		VRS	2643	.9028		08-27-67	0850	2DTH-KE		1.5+18	08-28-67	0630	08-28-67
104		VRS	2644	.8715		08-28-67	0935	2DTH-KE		8.1+18	08-29-67	0630	08-29-67
104		VRS	2645	.8715		08-28-67	0935	2DTH-KE		8.1+18	08-29-67	0630	08-29-67
104		VRS	2646	.8125		08-29-67	1100	2DTH-KE		1.4+18	08-30-67	0630	08-30-67
104		VRS	2647	.8125		08-29-67	1100	2DTH-KE		1.4+18	08-30-67	0630	08-30-67
104		VRS	2648	.8160		08-30-67	1100	2DTH-KE		7.6+18	08-31-67	0635	08-31-67
104		VRS	2649	.9100		09-04-67	0900	2DTH-KE		8.5+18	09-05-67	0645	09-05-67
104		VRS	2650	.9100		09-04-67	0900	2DTH-KE		8.5+18	09-05-67	0645	09-05-67
104		VRS	2651	.9100		09-05-67	1125	2DTH-KE		7.5+18	09-06-67	0650	09-06-67
104		VRS	2652	.9100		09-05-67	1125	2DTH-KE		7.5+18	09-06-67	0650	09-06-67
104		VRS	2653	.8400		09-06-67	1040	2DTH-KE		7.8+18	09-07-67	0645	09-07-67
104		VRS	2654	.8400		09-06-67	1040	2DTH-KE		7.8+18	09-07-67	0645	09-07-67
104		VRS	2655	.8200		09-07-67	1100	2DTH-KE		7.6+18	09-08-67	0645	09-08-67
104		VRS	2656	.8200		09-07-67	1100	2DTH-KE		7.6+18	09-08-67	0645	09-08-67
104		VRS	2657	.8800		09-10-67	0925	2DTH-KE		8.2+18	09-11-67	0630	09-11-67
104		VRS	2658	.8800		09-10-67	0925	2DTH-KE		8.2+18	09-11-67	0630	09-11-67
104		VRS	2659	.8800		09-11-67	0940	2DTH-KE		8.2+18	09-12-67	0640	09-12-67
104		VRS	2660	.8800		09-11-67	0940	2DTH-KE		8.2+18	09-12-67	0640	09-12-67
104		VRS	2661	.9000		09-12-67	0900	2DTH-KE		8.4+18	09-13-67	0640	09-13-67
104		VRS	2662	.9000		09-12-67	0900	2DTH-KE		8.4+18	09-13-67	0640	09-13-67
104		VRS	2663	.8500		09-13-67	1010	2DTH-KE		7.9+18	09-14-67	0640	09-14-67
104		VRS	2664	.8500		09-13-67	1010	2DTH-KE		7.9+18	09-14-67	0640	09-14-67
104		VRS	2665	.8300		09-14-67	1045	2DTH-KE		1.4+18	09-15-67	0645	09-15-67
104		VRS	2666	.8300		09-14-67	1045	2DTH-KE		1.4+18	09-15-67	0645	09-15-67
104		PLAS	6371	.0007		08-23-67	1016	2DTH-KE		5.9+14	08-23-67	1017	08-24-67
104		PLAS	6372	.0007		08-23-67	0843	2DTH-KE		5.9+14	08-24-67	0844	08-25-67
104		PLAS	6373	.0007		08-29-67	1022	2DTH-KE		5.9+14	08-29-67	1023	08-30-67
104		PLAS	6374	.0007		08-29-67	1025	2DTH-KE		5.9+14	08-29-67	1026	08-30-67
104		PLAS	6375	.0007		08-29-67	1029	2DTH-KE		5.9+14	08-29-67	1029	08-30-67
104		PLAS	6376	.0007		08-29-67	1031	2DTH-KE		5.9+14	08-29-67	1032	08-30-67

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IDENTIFICATION				OPERATING TIME (DAYS)	CMK ABSORBED	CHARGE		LOCATION		EXPOSURE TO DATE NVT	DISCHARGE		SHIPPING DATE
TIR NO.	REQUEST NUMBER	MATERIAL	PIECE NO.			DATE	TIME	FACILITY	TEST HOLE POSITION		POSITION FACTOR	DATE	
THE FOLLOWING IRRADIATIONS WERE SHIPPED DURING THE MONTH													
100		PLAS	5077	.0007		08-29-67	1040	2DTH-K		5.9+14	08-29-67	1041	08-30-67
101		PLAS	5078	.0007		08-29-67	1042	2DTH-K		5.9+14	08-29-67	1043	08-30-67
102		PLAS	5079	.0007		08-29-67	1044	2DTH-K		5.3+14	08-29-67	1045	08-30-67
103		PLAS	5080	.0007		08-29-67	1058	2DTH-K		5.9+14	08-29-67	1059	08-30-67
104		PLAS	5081	.0007		08-30-67	1048	2DTH-K		5.9+14	08-30-67	1049	08-31-67
105		PLAS	5082	.0007		08-30-67	1052	2DTH-K		5.9+14	08-30-67	1053	08-31-67
106		PLAS	5083	.0007		08-30-67	1055	2DTH-K		5.9+14	08-30-67	1056	08-31-67
107		PLAS	5084	.0007		09-17-67	0935	2DTH-K		5.9+14	09-17-67	0936	09-18-67
108		PLAS	5085	.0007		09-17-67	0937	2DTH-K		5.9+14	09-17-67	0938	09-18-67
109		PLAS	5086	.0007		09-17-67	0939	2DTH-K		5.9+14	09-17-67	0940	09-18-67
110		PLAS	5087	.0007		09-17-67	0941	2DTH-K		5.9+14	09-17-67	0942	09-18-67
111		PLAS	5088	.0007		09-17-67	0943	2DTH-K		5.9+14	09-17-67	0944	09-18-67
112		PLAS	5089	.0007		09-17-67	0945	2DTH-K		5.9+14	09-17-67	0946	09-18-67
113		PLAS	5090	.0007		09-17-67	0947	2DTH-K		5.9+14	09-17-67	0948	09-18-67
114		PLAS	5091	.0007		09-17-67	0950	2DTH-K		5.9+14	09-17-67	0951	09-18-67
115		PLAS	5092	.0007		09-17-67	0953	2DTH-K		5.9+14	09-17-67	0954	09-18-67
116		PLAS	5093	.0007		09-17-67	0955	2DTH-K		5.9+14	09-17-67	0956	09-18-67
117		PLAS	5094	.0007		09-17-67	0957	2DTH-K		5.9+14	09-17-67	0958	09-18-67
118		PLAS	5095	.0007		09-17-67	0959	2DTH-K		5.9+14	09-17-67	1000	09-18-67
119		AL	8435	.0417		09-12-67	0715	2DTH-K		3.9+17	09-12-67	0815	09-18-67
120		DEF-U	8434	4.0729		09-12-67	0845	2DTH-K		3.8+19	09-12-67	1030	09-18-67
121		Na	0070	2.7674		09-02-67	1320	2DTH-K		2.6+19	09-05-67	0745	09-05-67
122		Na	0071	.0208		09-05-67	0840	2DTH-K		1.9+17	09-05-67	0910	09-05-67
123		UO	0012	.8333		08-25-67	1240	2BTH-K		1.1+19	08-26-67	0840	08-27-67
124		UO	0014	.7396		08-28-67	1515	2BTH-K		9.4+18	08-29-67	0900	08-30-67
125		UO	0013	.8160		08-30-67	1355	2BTH-K		1.0+19	08-31-67	0930	09-01-67
126		UO	0015	.7847		09-01-67	1335	2BTH-K		1.0+19	09-02-67	0825	09-04-67
127		UO	0017	.7604		09-05-67	1415	2BTH-K		9.6+18	09-06-67	0830	09-07-67
128		UO	0018	.7465		09-07-67	1435	2BTH-K		9.5+18	09-08-67	0830	09-11-67
129		UO	0019	.7674		09-12-67	1430	2BTH-K		9.7+18	09-13-67	0855	09-14-67
130		ZINC	0015	.0400		08-15-67	0955	2ATH-K		1.7+17	08-15-67	1035	08-16-67
131		ZINC	0015	.0400		09-11-67	1340	2DTH-K		1.7+17	09-11-67	1440	09-12-67
132		ZINC	0017	.0400		09-14-67	0845	2DTH-K		2.5+17	09-14-67	1015	09-14-67
133		ZINC	0002	*0.6215		07-03-67	1400	2DTH-K		2.8+20	08-30-67	1100	09-01-67
134		ZINC	0001	.0208		08-21-67	0900	2DTH-K		1.8+16	08-21-67	0930	08-22-67
135		ZINC	0002	.0208		08-21-67	0900	2DTH-K		3.5+16	08-21-67	0930	08-22-67
136		ZINC	0003	.0208		08-21-67	0900	2DTH-K		3.5+16	08-21-67	0930	08-22-67

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