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NUCLEONICS DIVISION

HANFORD WORKS . . . . . RICHLAND, WASHINGTON

May 25, 1953

Los Alamos Scientific Laboratory
Los Alamos, New Mexico

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW
1ST REVIEW-DATE: Aug 20 02
AUTHORITY: ☐ DC ☒ DD
NAME: M. Bu[illegible]
2ND REVIEW-DATE: 8/30/02
AUTHORITY: [illegible]
NAME: [illegible]
DETERMINATION (CIRCLE NUMBER(S))
1. CLASSIFICATION RETAINED
2. CLASSIFICATION CHANGED
3. CONTAINS NO DOE CLASSIFIED
4. COORDINATE WITH:
5. CLASSIFICATION CANCELED
6. CLASSIFIED INFO BRACKETED
7. OTHER (SPECIFY):

Attention: Dr. C. L. Cowan

Dear Clyde:

PILE OPERATING DATA

Per your verbal request, enclosed is the "C" Pile operating data for the period February 1, 1953 through May 14, 1953. These data reflect every power level change of 10 MW or more with the exception of shutdowns. One shutdown (2-2-53 to 2-3-53) has been detailed.

We trust these data will satisfy your present requirements.

J. A. Berberet
Supervisor, Special Irradiations
PILE TECHNOLOGY SUB-SECTION
ENGINEERING DEPARTMENT

JA BERBERET:AE DeMers:jmn

enc.: HW-28160 copy no. 1-A

cc: JA Berberet - WH Clark
RB Richards
300 File
700 File
Yellow Copy

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NUCLEONICS DIVISION

HANFORD WORKS . RICHLAND, WASHINGTON

HW-28160

1. CL Cowan LA
2. JA Berberet - WH Clark
3. RB Richards
4. 300 File
5. 700 File
6. Yellow Copy

This document consists of 6 pages. Copy No. 1 of 6 copies. Series A.

This document was classified by: J.A. Berberet

May 25, 1953

PILE OPERATING DATA

Date	Time	Power Level	Remarks
2- 1-53	12:00AM	700	
2- 2-53	2:56AM	690	
2- 2-53	2:58AM	670	
2- 2-53	3:00AM	655	
2- 2-53	3:02AM	635	
2- 2-53	3:04AM	625	
2- 2-53	3:06AM	595	
2- 2-53	3:08AM	560	
2- 2-53	3:10AM	545	
2- 2-53	3:12AM	530	
2- 2-53	3:14AM	510	
2- 2-53	3:16AM	490	
2- 2-53	3:18AM	475	
2- 2-53	3:20AM	455	
2- 2-53	3:22AM	435	
2- 2-53	3:24AM	415	
2- 2-53	3:26AM	395	
2- 2-53	3:28AM	370	
2- 2-53	3:30AM	355	1/2 down from 700
2- 2-53	3:32AM	335	
2- 2-53	3:34AM	315	
2- 2-53	3:36AM	295	
2- 2-53	3:38AM	275	
2- 2-53	3:40AM	260	
2- 2-53	3:42AM	240	
2- 2-53	3:44AM	218	
2- 2-53	3:46AM	205	
2- 2-53	3:48AM	190	
2- 2-53	3:50AM	175	
2- 2-53	3:52AM	155	
2- 2-53	3:54AM	140	
2- 2-53	3:56AM	120	
2- 2-53	3:58AM	102	
2- 2-53	4:00AM	---	Scram

Date	Time	Power Level	Remarks
2- 3-53	1:28AM	1	
2- 3-53	1:30AM	20	
2- 3-53	1:32AM	30	
2- 3-53	1:34AM	50	
2- 3-53	1:36AM	65	
2- 3-53	1:38AM	80	
2- 3-53	1:40AM	90	
2- 3-53	1:42AM	110	
2- 3-53	1:44AM	130	
2- 3-53	1:46AM	150	
2- 3-53	1:48AM	165	
2- 3-53	1:50AM	180	
2- 3-53	1:52AM	200	
2- 3-53	1:54AM	220	
2- 3-53	1:56AM	240	
2- 3-53	1:58AM	260	
2- 3-53	3:00AM	280	
2- 3-53	3:02AM	295	
2- 3-53	3:04AM	315	
2- 3-53	3:06AM	332	
2- 3-53	3:08AM	350	
2- 3-53	3:10AM	370	
2- 3-53	3:12AM	388	1/2 up to 760
2- 3-53	3:14AM	405	
2- 3-53	3:16AM	420	
2- 3-53	3:18AM	440	
2- 3-53	3:20AM	460	
2- 3-53	3:22AM	480	
2- 3-53	3:24AM	500	
2- 3-53	3:26AM	515	
2- 3-53	3:28AM	530	
2- 3-53	3:30AM	545	
2- 3-53	3:32AM	560	
2- 3-53	3:34AM	570	

[redacted] UNCLASSIFIED

Date	Time	Power Level	Remarks
2- 3-53	3:36AM	585	
2- 3-53	3:38AM	595	
2- 3-53	3:40AM	600	
2- 3-53	3:46AM	610	
2- 3-53	3:48AM	620	
2- 3-53	3:50AM	635	
2- 3-53	3:52AM	645	
2- 3-53	7:55AM	625	
2- 3-53	2:30PM	635	
2- 3-53	2:40PM	650	
2- 3-53	5:15PM	660	
2- 3-53	6:15PM	670	
2- 3-53	7:15PM	680	
2- 3-53	8:15PM	690	
2- 4-53	3:00PM	700	
2- 5-53	6:45AM	710	
2- 5-53	3:00PM	720	
2- 6-53	5:30AM	730	
2- 6-53	1:00PM	740	
2- 6-53	10:15PM	750	
2- 8-53	10:30PM	755	
2-10-53	2:00AM	760	
2-13-53	11:45PM	755	
2-15-53	1:15PM	750	
2-18-53	12:30AM	740	
2-18-53	1:45PM	750	
2-19-53	6:30AM	760	
2-19-53	12:00PM	760	
2-19-53	12:11PM		1/2 down from 760
2-19-53	12:22PM		Scram
2-20-53	7:44AM	1	
2-20-53	8:24AM		1/2 up to 650
2-20-53	8:08AM	650	
2-20-53	6:00PM	660	
2-20-53	6:45PM	670	
2-20-53	7:30PM	680	
2-21-53	3:00AM	690	
2-21-53	5:00AM	700	
2-21-53	10:45AM	710	
2-21-53	1:00PM	720	
2-21-53	3:45PM	730	
2-21-53	8:00PM	740	

Date	Time	Power Level	Remarks
2-22-53	4:00AM	750	
2-22-53	9:45AM	760	
2-27-53	10:15AM	770	
3- 1-53	11:15AM	780	
3- 4-53	10:00AM	780	
3- 4-53	10:39AM		1/2 down from 780
3- 4-53	11:14PM		Scram
3- 7-53	8:18AM	1	
3- 7-53	8:51AM		1/2 up to 650
3- 7-53	9:30AM	650	
3- 7-53	9:41AM		Scram from 650
3- 7-53	10:00AM	1	1/2 up to 650 at 10:33AM
3- 7-53	11:05AM	650	
3- 7-53	11:15AM		Scram from 650
3- 7-53	11:45AM	1	
3- 7-53	12:16PM		1/2 up to 650
3- 7-53	12:48PM	650	
3- 7-53	4:30PM	660	
3- 7-53	4:45PM	675	
3- 7-53	6:15PM	675	
3- 7-53	6:51PM		1/2 down from 675
3- 7-53	7:35PM		Scram
3- 7-53	10:39PM	1	
3- 7-53	11:13PM		1/2 up to 650
3- 7-53	11:45PM	650	
3- 8-53	6:30AM	660	
3- 8-53	7:00AM	670	
3- 8-53	7:30AM	680	
3- 8-53	8:00AM	690	
3- 8-53	10:30AM	700	
3- 8-53	11:30AM	710	
3- 8-53	12:30PM	720	
3- 8-53	1:30PM	730	
3- 8-53	2:30PM	740	
3- 8-53	6:15PM	730	
3- 9-53	1:00AM	730	
3- 9-53	1:08AM	730	Scram
3- 9-53	1:22AM	1	
3- 9-53	1:29AM		1/2 up to 650

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Date	Time	Power Level	Remarks
3- 9-53	1:41AM	650	
3- 9-53	4:00AM	650	
3- 9-53	4:09AM		Scram from 650
3- 9-53	4:18AM	1	
3- 9-53	4:25AM		1/2 up to 650
3- 9-53	4:38AM	650	
3- 9-53	6:30AM	660	
3- 9-53	6:45AM	670	
3- 9-53	7:15AM	680	
3- 9-53	7:30AM	690	
3- 9-53	8:00AM	700	
3- 9-53	10:30AM	710	
3- 9-53	11:30AM	720	
3- 9-53	12:30PM	730	
3- 9-53	1:15PM	740	
3- 9-53	1:16PM		Scram from 740
3- 9-53	2:31PM	1	
3- 9-53	2:40PM		1/2 up to 735
3- 9-53	3:00PM	735	
3- 9-53	5:15PM	730	
3- 9-53	5:22PM		Scram from 730
3- 9-53	6:17PM	1	
3- 9-53	6:24PM		1/2 up to 700
3- 9-53	7:00PM	700	
3- 9-53	8:15PM	710	
3- 9-53	11:30PM	720	
3- 9-53	11:33PM		Scram from 720
3-10-53	12:17AM	1	
3-10-53	12:24AM		1/2 up to 650
3-10-53	12:35AM	650	
3-10-53	6:00AM	660	
3-10-53	6:30AM	670	
3-10-53	7:00AM	680	
3-10-53	7:30AM	690	
3-10-53	8:00AM	700	Drop power for purge
3-10-53	8:45AM	600	
3-10-53	8:50AM	550	
3-10-53	8:55AM	600	
3-10-53	9:00AM	665	
3-10-53	9:05AM	700	
3-10-53	12:15PM	710	
3-10-53	12:30PM	720	
3-10-53	2:15PM	730	
3-10-53	3:00PM	740	
3-10-53	3:30PM	750	
3-10-53	7:30PM	760	
3-10-53	9:15PM	770	
3-11-53	3:00AM	780	
3-11-53	12:45PM	785	
3-11-53	1:02PM		Scram from 785
3-11-53	1:27PM	1	
3-11-53	1:39PM		1/2 up to 700
3-11-53	1:52PM	700	
3-11-53	2:15PM	725	
3-11-53	4:45PM	740	
3-11-53	8:00PM	760	
3-11-53	9:45PM	770	
3-12-53	4:00AM	780	
3-12-53	11:30PM	755	
3-13-53	2:30AM	765	
3-13-53	3:30AM	775	
3-13-53	6:15AM	785	
3-13-53	9:45AM	790	
3-13-53	9:58AM		Scram from 790
3-13-53	10:53AM	1	
3-13-53	11:00AM		1/2 up to 680
3-13-53	1:30PM	680	
3-13-53	5:00PM	710	
3-13-53	5:15PM	735	
3-13-53	8:45PM	750	
3-13-53	9:15PM	770	
3-13-53	11:00PM	780	
3-14-53	1:45AM	790	
3-15-53	7:45AM	800	
3-16-53	1:24PM	800	
3-16-53	1:25PM		Scram from 800
3-16-53	2:13PM	1	
3-16-53	2:19PM		1/2 up to 770
3-16-53	3:00PM	770	
3-16-53	6:45PM	780	
3-16-53	8:00PM	790	
3-16-53	9:15PM	800	
4- 1-53	12:00AM	805	
4- 1-53	12:56AM		1/2 down from 805
4- 1-53	1:30AM		Scram

Date	Time	Power Level	Remarks
4- 2-53	5:12AM	1	
4- 2-53	5:50AM		1/2 up to 700
4- 2-53	6:30AM	700	
4- 2-53	10:00PM	710	
4- 2-53	10:30PM	720	
4- 2-53	10:45PM	730	
4- 2-53	11:00PM	740	
4- 2-53	11:30PM	750	
4- 3-53	2:30AM	760	
4- 3-53	3:00AM	770	
4- 3-53	3:30AM	780	
4- 3-53	4:00AM	790	
4- 3-53	4:30AM	800	
4- 3-53	5:00AM	810	
4- 3-53	11:15AM	820	
4- 3-53	4:45PM	830	
4- 3-53	6:30PM	840	
4- 3-53	8:30PM	850	
4- 3-53	10:15PM	860	
4- 4-53	1:30AM	880	
4- 4-53	3:45AM	890	
4- 4-53	7:00AM	900	
4- 4-53	9:00PM	885	
4- 5-53	2:00AM	875	
4- 5-53	4:00PM	885	
4- 5-53	6:30PM	875	
4- 9-53	12:37AM		Scram from 875
4- 9-53	1:18AM	1	
4- 9-53	1:27AM		1/2 up to 775
4- 9-53	6:15AM	775	
4- 9-53	7:45AM	800	
4- 9-53	9:00AM	825	
4- 9-53	12:00PM	835	
4- 9-53	1:00PM	850	
4- 9-53	5:00PM	865	
4- 9-53	5:45PM	875	
4-12-53	1:30AM	885	
4-12-53	11:00PM	895	
4-14-53	10:00PM	905	
4-18-53	3:25AM	905	
4-18-53	3:30AM		1/2 down from 905
4-18-53	3:35AM		Scram
4-19-53	6:10AM	1	
4-19-53	6:43AM		1/2 up to 700
4-19-53	7:30AM	700	
4-19-53	3:00PM	710	
4-19-53	3:45PM	720	
4-19-53	5:45PM	730	
4-19-53	6:45PM	740	
4-19-53	7:45PM	750	
4-19-53	8:45PM	760	
4-19-53	9:45PM	770	
4-19-53	10:45PM	780	
4-19-53	11:15PM	790	
4-19-53	11:30PM	800	
4-20-53	4:30AM	810	
4-20-53	6:00AM	820	
4-20-53	8:00AM	830	
4-20-53	10:30AM	840	
4-20-53	11:30AM	850	
4-20-53	12:30PM	860	
4-20-53	1:30PM	870	
4-20-53	2:30PM	880	
4-20-53	9:15PM	880	
4-20-53	9:18PM		Scram from 880
4-20-53	9:50PM	1	
4-20-53	10:00PM		1/2 up to 760
4-21-53	12:15AM	760	
4-21-53	2:00AM	770	
4-21-53	2:30AM	780	
4-21-53	3:00AM	790	
4-21-53	3:45AM	800	
4-21-53	5:00AM	810	
4-21-53	6:00AM	820	
4-21-53	7:00AM	830	
4-21-53	9:00AM	840	
4-21-53	10:00AM	850	
4-21-53	12:15PM	860	
4-21-53	1:15PM	870	
4-21-53	3:15PM	880	
4-21-53	9:00PM	890	
4-22-53	11:30PM	900	
4-28-53	2:02AM	905	
4-28-53	2:36AM		1/2 down from 905
4-28-53	3:30AM		Scram
4-29-53	8:23AM	1	

Date	Time	Power Level	Remarks
4-29-53	8:59AM		1/2 up to 700
4-29-53	9:34AM	700	
4-29-53	9:51AM		Scram from 700
4-29-53	10:45AM	1	
4-29-53	11:21AM		1/2 up to 700
4-29-53	11:56AM	700	
4-29-53	6:00PM	710	
4-29-53	7:00PM	720	
4-29-53	8:00PM	730	
4-29-53	9:00PM	740	
4-29-53	10:00PM	750	
4-29-53	11:00PM	760	
4-30-53	12:00AM	770	
4-30-53	3:15AM	800	
4-30-53	4:30AM	810	
4-30-53	5:30AM	820	
4-30-53	6:30AM	830	
4-30-53	7:30AM	840	
4-30-53	2:00PM	850	
4-30-53	7:30PM	860	
4-30-53	11:45PM	870	
5- 1-53	2:30AM	880	
5- 1-53	4:00AM	890	
5- 2-53	4:00AM	890	
5- 2-53	4:03AM		Scram from 890
5- 2-53	4:15AM	1	
5- 2-53	4:22AM		1/2 up to 750
5- 2-53	5:00AM	750	
5- 2-53	6:45AM	775	
5- 2-53	7:15AM	785	
5- 2-53	7:45AM	795	
5- 2-53	9:15AM	825	
5- 2-53	12:15PM	835	
5- 2-53	2:15PM	845	
5- 2-53	3:30PM	855	
5- 2-53	9:00PM	865	
5- 2-53	10:45PM	875	
5- 3-53	3:15AM	885	
5- 3-53	3:30PM	895	
5- 4-53	2:15AM	905	
5- 4-53	11:45AM	910	
5- 4-53	11:50AM		Scram from 910
5- 4-53	12:08AM	1	
5- 4-53	12:27PM		1/2 up to 850
5- 4-53	2:30PM	850	
5- 4-53	6:30PM	860	
5- 4-53	7:30PM	870	
5- 4-53	11:30PM	880	
5- 4-53	11:46PM		Scram from 880
5- 5-53	12:13AM	1	
5- 5-53	12:22AM		1/2 up to 850
5- 5-53	3:15AM	850	
5- 5-53	5:30AM	875	
5- 5-53	7:00AM	885	
5- 5-53	8:38AM		Scram from 885
5- 5-53	9:19AM	1	
5- 5-53	9:25AM	700	
5- 5-53	9:45AM	725	
5- 5-53	10:45AM	750	
5- 5-53	10:46AM		Scram from 750
5- 6-53	12:48PM	1	
5- 6-53	1:19PM		1/2 up to 750
5- 6-53	1:30PM	750	
5- 6-53	8:30PM	760	
5- 6-53	9:30PM	770	
5- 6-53	10:00PM	780	
5- 6-53	10:30PM	790	
5- 6-53	11:00PM	800	
5- 6-53	11:30PM	810	
5- 7-53	12:00AM	820	
5- 7-53	3:30AM	830	
5- 7-53	6:00AM	840	
5- 7-53	7:00AM	850	
5- 7-53	7:45AM	860	
5- 7-53	9:45AM	860	
5- 7-53	10:01AM		1/2 down from 860
5- 7-53	10:05AM		Scram
5- 8-53	1:04PM	1	
5- 8-53	1:40PM		1/2 up to 800
5- 8-53	2:45PM	800	
5- 8-53	9:00PM	810	

Date	Time	Power Level	Remarks
5- 8-53	10:00PM	820	
5- 8-53	11:00PM	830	
5- 9-53	12:00AM	840	
5- 9-53	3:00AM	850	
5- 9-53	6:00AM	860	
5- 9-53	8:00AM	870	
5- 9-53	9:45AM	845	
5- 9-53	10:45AM	855	
5- 9-53	11:15AM	865	
5- 9-53	2:30PM	875	
5- 9-53	4:45PM	890	
5-10-53	6:30PM	895	
5-10-53	6:42PM		Scram from 895
5-11-53	10:47	1	
5-11-53	11:23PM		1/2 up to 800
5-12-53	12:16AM	800	
5-12-53	10:00AM	810	
5-12-53	11:00AM	820	
5-12-53	12:00AM	830	
5-12-53	1:00PM	840	
5-12-53	2:00PM	850	
5-12-53	3:00PM	860	
5-12-53	11:15PM	870	
5-13-53	4:30AM	880	
5-13-53	10:15AM	880	
5-13-53	10:20AM		Scram from 880
5-14-53	1:17PM	1	
5-14-53	1:54PM		1/2 up to 800
5-14-53	3:00PM	800	
6- 2-53	9:23AM	960	

J. A. Berberet

Superviser, Special Irradiations
PILE TECHNOLOGY SUB-SECTION
ENGINEERING DEPARTMENT

JA BERBERET:AE DeMers:jmn

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