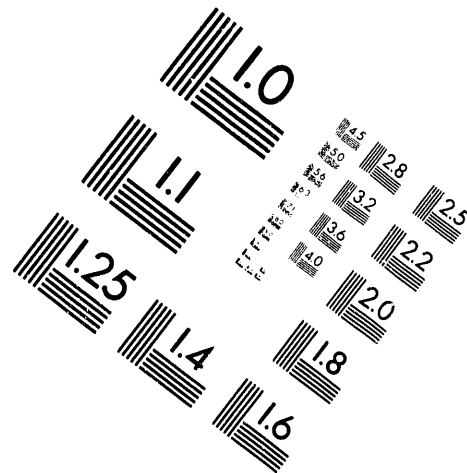
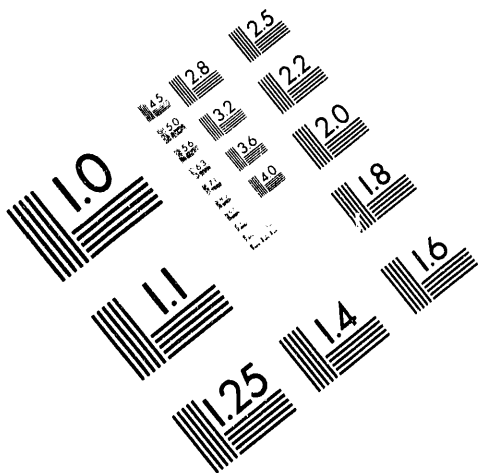




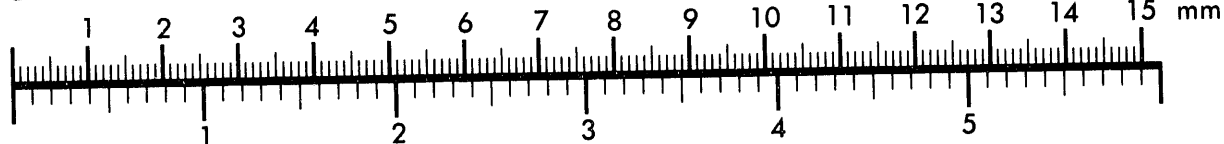
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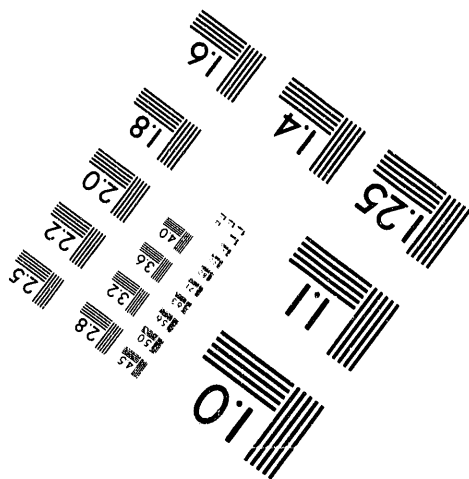
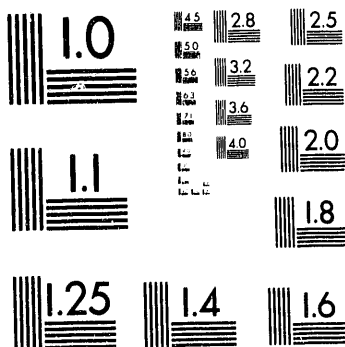
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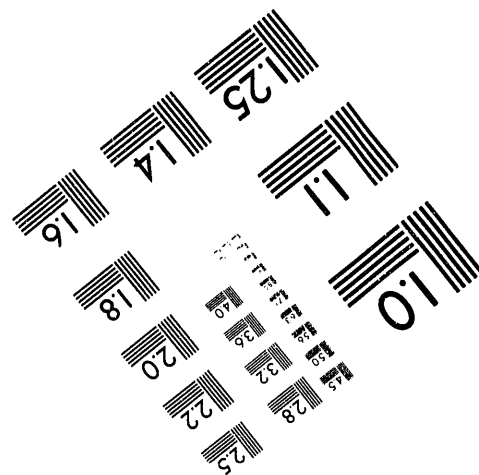
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1 of 3

IODINE-131 RELEASES FROM THE HANFORD SITE,
1944 THROUGH 1947

VOLUME 2 - Data

Hanford Environmental Dose
Reconstruction Project

C. M. Heeb

March 1993

Prepared for
the Technical Steering Panel
and the Centers for Disease Control
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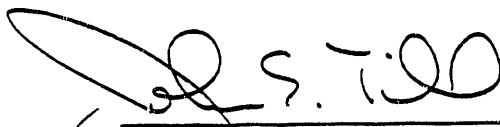
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IODINE-131 RELEASES FROM THE HANFORD SITE,
1944 THROUGH 1947

VOLUME 2 - Data

March 1993

This document has been reviewed and
approved by the Technical Steering Panel.



J. E. Till, Chair
Technical Steering Panel

March 23, 1993
Date

PREFACE

This document contains detailed data that were used in the calculations reported in *Iodine-131 Releases from the Hanford Site, 1944 Through 1947, Volume 1 - Text*.

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1.0 INTRODUCTION

Detailed results of the HEDR iodine-131 release reconstruction are presented in this volume. Included are daily data on B, D, and F Plant, reactor operations from the P-Department Daily Reports (General Electric Company 1947). Tables of B and T Plant material processed from the three principal sources on separations plant operations: The Jaech report (Jaech undated), the 200 Area Report (Acken and Bird 1945; Bird and Donihee 1945), and the Metal History Reports (General Electric Company 1946).

A transcription of the Jaech report is also provided because it is computer-generated and is not readily readable in its original format. The iodine-131 release data are from the STRM model. Cut-by-cut release estimates are provided, along with daily, monthly, and yearly summations. These summations are based on the hourly release estimates. The hourly data are contained in a 28 megabyte electronic file. Interested individuals may request a copy.

2.0 REACTOR OPERATING HISTORIES

These data were taken from General Electric Company (1947).

Table 2.1 is B Reactor data, Table 2.2 is D Reactor data, Table 2.3 is F Reactor data. The data in each of these three tables is defined below:

Column 1: Reactor definition column BOPS - B Reactor, DOPS - D Reactor, FOPS - F Reactor

Column 2: Date

Column 3: MWd. The thermal energy generated during the 24-hour period. In general, this is: $\text{Pile Power (MW)} \times (\text{Hours Operated})/24$

Column 4: Hours operated.

Column 5: DISCHG. This is the number of uranium slugs discharged on that day. Some of these may be short-length 4-inch slugs as opposed to the normal 8-inch slug.

Column 6: PUSH MWd. This is the energy generated in the discharged slugs.

TABLE 2.1. B Reactor Operating Data

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
BOPS	10/05/44	0	0	0	0
BOPS	10/06/44	2.8	3.9	0	0
BOPS	10/07/44	37.5	24	0	0
BOPS	10/08/44	32.8	24	0	0
BOPS	10/09/44	29.4	23.83	0	0
BOPS	10/10/44	30	24	0	0
BOPS	10/11/44	29.3	23.73	0	0
BOPS	10/12/44	1.2	6.42	0	0
BOPS	10/13/44	0	0	0	0
BOPS	10/14/44	0	0	0	0
BOPS	10/15/44	30.1	13.9	0	0
BOPS	10/16/44	46.1	21.88	0	0
BOPS	10/17/44	52	22.7	0	0
BOPS	10/18/44	57.5	22.6	0	0
BOPS	10/19/44	13.8	7.25	0	0
BOPS	10/20/44	0	0	0	0
BOPS	10/21/44	0.1	11.67	0	0
BOPS	10/22/44	60.2	23.35	0	0
BOPS	10/23/44	67	21.43	0	0
BOPS	10/24/44	79.5	23.57	0	0
BOPS	10/25/44	88.4	23.57	0	0
BOPS	10/26/44	90	24	0	0
BOPS	10/27/44	90	24	0	0
BOPS	10/28/44	89.9	22.4	0	0
BOPS	10/29/44	90	24	0	0
BOPS	10/30/44	86.9	23.01	0	0
BOPS	10/31/44	90	24	0	0
BOPS	11/01/44	90	24	0	0
BOPS	11/02/44	90	24	0	0
BOPS	11/03/44	87.1	23.2	0	0
BOPS	11/04/44	90	24	0	0
BOPS	11/05/44	89.6	23.04	0	0
BOPS	11/06/44	27.7	7.87	32	2
BOPS	11/07/44	98.8	24	0	0
BOPS	11/08/44	89	24	0	0
BOPS	11/09/44	90	24	0	0
BOPS	11/10/44	90	24	0	0
BOPS	11/11/44	89.9	23.47	0	0
BOPS	11/12/44	89.9	23.72	0	0
BOPS	11/13/44	90	24	0	0
BOPS	11/14/44	90.1	23.67	0	0
BOPS	11/15/44	90	24	0	0
BOPS	11/16/44	90.2	23.75	0	0

TABLE 2.1. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
BOPS	11/17/44	90	24	0	0
BOPS	11/18/44	90	23.57	0	0
BOPS	11/19/44	90	24	0	0
BOPS	11/20/44	52.6	24	0	0
BOPS	11/21/44	0.2	24	0	0
BOPS	11/22/44	0.2	24	0	0
BOPS	11/23/44	0.2	19	0	0
BOPS	11/24/44	0	0	64	6.7
BOPS	11/25/44	0	0	416	43.7
BOPS	11/26/44	0	0	896	94.2
BOPS	11/27/44	0.2	20.03	32	3.4
BOPS	11/28/44	0.4	4.4	576	60.1
BOPS	11/29/44	0	0	64	6.6
BOPS	11/30/44	5.4	3.5	0	0
BOPS	12/01/44	125	23.1	0	0
BOPS	12/02/44	124.8	24	0	0
BOPS	12/03/44	115	24	0	0
BOPS	12/04/44	119.6	24	0	0
BOPS	12/05/44	118.7	23.68	0	0
BOPS	12/06/44	118	24	0	0
BOPS	12/07/44	118	24	0	0
BOPS	12/08/44	120.5	23.78	0	0
BOPS	12/09/44	124.7	24	0	0
BOPS	12/10/44	125	24	0	0
BOPS	12/11/44	127.9	24	0	0
BOPS	12/12/44	54.3	14.42	0	0
BOPS	12/13/44	75.5	13.72	0	0
BOPS	12/14/44	122	23.72	0	0
BOPS	12/15/44	116.7	24	0	0
BOPS	12/16/44	115	24	0	0
BOPS	12/17/44	60.9	13.2	0	0
BOPS	12/18/44	127.3	24	0	0
BOPS	12/19/44	115.4	24	0	0
BOPS	12/20/44	28.8	6	0	0
BOPS	12/21/44	0	0	0	0
BOPS	12/22/44	0	0	0	0
BOPS	12/23/44	0	0	0	0
BOPS	12/24/44	0	0	0	0
BOPS	12/25/44	0	0	0	0
BOPS	12/26/44	0	0	288	50.1
BOPS	12/27/44	0	0	736	128.5
BOPS	12/28/44	4.3	1	512	88.9
BOPS	12/29/44	134.3	23.54	0	0

TABLE 2.1. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
BOPS	12/30/44	157.8	23.35	0	0
BOPS	12/31/44	177.2	24	0	0
BOPS	01/01/45	172.8	24	0	0
BOPS	01/02/45	180	24	0	0
BOPS	01/03/45	180	24	0	0
BOPS	01/04/45	180	24	0	0
BOPS	01/05/45	122.5	15.92	0	0
BOPS	01/06/45	189.8	23.9	0	0
BOPS	01/07/45	189.9	23.94	0	0
BOPS	01/08/45	194.8	24	0	0
BOPS	01/09/45	198.2	23.74	0	0
BOPS	01/10/45	202.8	24	0	0
BOPS	01/11/45	202.1	23.51	0	0
BOPS	01/12/45	204.9	23.91	0	0
BOPS	01/13/45	206.9	24	0	0
BOPS	01/14/45	210.1	24	0	0
BOPS	01/15/45	212.8	24	0	0
BOPS	01/16/45	215.2	24	0	0
BOPS	01/17/45	215.1	24	0	0
BOPS	01/18/45	36	4.75	1311	305.3
BOPS	01/18/45	0	0	388	126.7
BOPS	01/19/45	53.2	7.2	0	0
BOPS	01/20/45	181.7	24	0	0
BOPS	01/21/45	206.5	24	0	0
BOPS	01/22/45	215	24	0	0
BOPS	01/23/45	214.8	23.06	0	0
BOPS	01/24/45	230.1	24	0	0
BOPS	01/25/45	229	23.61	0	0
BOPS	01/26/45	18.2	2	0	0
BOPS	01/27/45	203	22.8	0	0
BOPS	01/28/45	240	24	0	0
BOPS	01/29/45	240	23.96	0	0
BOPS	01/30/45	240	24	0	0
BOPS	01/31/45	240	24	0	0
BOPS	02/01/45	241.5	24	0	0
BOPS	02/02/45	245.1	24	0	0
BOPS	02/03/45	245.1	24	0	0
BOPS	02/04/45	245.4	23.96	0	0
BOPS	02/05/45	250.1	24	0	0
BOPS	02/06/45	249.9	23.9	0	0
BOPS	02/07/45	250	24	0	0
BOPS	02/08/45	250.1	24	0	0
BOPS	02/09/45	250.1	24	0	0

TABLE 2.1. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
BOPS	02/10/45	250	24	0	0
BOPS	02/11/45	250	24	0	0
BOPS	02/12/45	250.1	24	0	0
BOPS	02/13/45	249.8	23.98	0	0
BOPS	02/14/45	250	24	0	0
BOPS	02/15/45	250.1	23.97	0	0
BOPS	02/16/45	250.1	23.87	0	0
BOPS	02/17/45	249.9	23.94	0	0
BOPS	02/18/45	250.1	24	0	0
BOPS	02/19/45	250.1	24	0	0
BOPS	02/20/45	250.1	24	0	0
BOPS	02/21/45	250.1	24	0	0
BOPS	02/22/45	78.1	7.5	1664	647.3
BOPS	02/23/45	138.5	15.28	832	321.5
BOPS	02/24/45	243.8	23.82	0	0
BOPS	02/25/45	250	24	0	0
BOPS	02/26/45	250.1	24	0	0
BOPS	02/27/45	250.1	24	0	0
BOPS	02/28/45	250.1	24	0	0
BOPS	03/01/45	250.1	24	0	0
BOPS	03/02/45	250.1	24	0	0
BOPS	03/03/45	250.1	24	0	0
BOPS	03/04/45	250.1	24	0	0
BOPS	03/05/45	250.1	24	0	0
BOPS	03/06/45	250.1	24	0	0
BOPS	03/07/45	250.1	24	0	0
BOPS	03/08/45	78.1	8	1664	790.3
BOPS	03/09/45	81.9	12	899	410.4
BOPS	03/10/45	234.7	23.83	0	0
BOPS	03/11/45	250	24	0	0
BOPS	03/12/45	250	24	3	0
BOPS	03/13/45	250	24	0	0
BOPS	03/14/45	250.1	24	0	0
BOPS	03/15/45	250.1	24	0	0
BOPS	03/16/45	250.1	24	0	0
BOPS	03/17/45	250.1	24	0	0
BOPS	03/18/45	250	24	0	0
BOPS	03/19/45	250	24	0	0
BOPS	03/20/45	250	24	0	0
BOPS	03/21/45	250	24	0	0
BOPS	03/22/45	75.9	8.75	3360	1918.7
BOPS	03/23/45	190.3	21.93	0	0
BOPS	03/24/45	249.1	23.88	0	0

TABLE 2.1. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
BOPS	03/25/45	250	24	0	0
BOPS	03/26/45	250	24	0	0
BOPS	03/27/45	250	24	0	0
BOPS	03/28/45	250	24	0	0
BOPS	03/29/45	250	24	0	0
BOPS	03/30/45	243.6	23.28	0	0
BOPS	03/31/45	250	24	0	0
BOPS	04/01/45	250	24	0	0
BOPS	04/02/45	250	24	0	0
BOPS	04/03/45	246.9	23.71	0	0
BOPS	04/04/45	250	24	0	0
BOPS	04/05/45	250	24	0	0
BOPS	04/06/45	250	24	0	0
BOPS	04/07/45	250	24	0	0
BOPS	04/08/45	250	24	0	0
BOPS	04/09/45	250	24	0	0
BOPS	04/10/45	250	24	0	0
BOPS	04/11/45	250	24	0	0
BOPS	04/12/45	62.5	6	3362	2362.2
BOPS	04/13/45	192.5	20.45	0	0
BOPS	04/14/45	250	24	0	0
BOPS	04/15/45	250	24	0	0
BOPS	04/16/45	250	24	0	0
BOPS	04/17/45	250	24	0	0
BOPS	04/18/45	250	24	0	0
BOPS	04/19/45	250	24	0	0
BOPS	04/20/45	250	24	0	0
BOPS	04/21/45	250	24	0	0
BOPS	04/22/45	250	24	0	0
BOPS	04/23/45	250	24	0	0
BOPS	04/24/45	250	24	0	0
BOPS	04/25/45	250	24	0	0
BOPS	04/26/45	78.9	7.75	3360	2553
BOPS	04/27/45	194.2	21.6	0	0
BOPS	04/28/45	250	24	0	0
BOPS	04/29/45	250	24	0	0
BOPS	04/30/45	250	24	0	0
BOPS	05/01/45	250	24	0	0
BOPS	05/02/45	250	24	0	0
BOPS	05/03/45	250	24	0	0
BOPS	05/04/45	250	24	0	0
BOPS	05/05/45	250	24	0	0
BOPS	05/06/45	250	24	0	0

TABLE 2.1. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
BOPS	05/07/45	245.7	23.6	0	0
BOPS	05/08/45	250	24	0	0
BOPS	05/09/45	245	23.53	0	0
BOPS	05/10/45	250	24	0	0
BOPS	05/11/45	250	24	0	0
BOPS	05/12/45	250	24	0	0
BOPS	05/13/45	250	24	0	0
BOPS	05/14/45	250	24	0	0
BOPS	05/15/45	250	24	0	0
BOPS	05/16/45	250	24	0	0
BOPS	05/17/45	243.5	23.4	0	0
BOPS	05/18/45	250	24	0	0
BOPS	05/19/45	250	24	0	0
BOPS	05/20/45	75.5	7.7	2624	2087.5
BOPS	05/21/45	150.6	21.8	0	0
BOPS	05/22/45	249.2	24	0	0
BOPS	05/23/45	250	24	0	0
BOPS	05/24/45	250	24	0	0
BOPS	05/25/45	250	24	0	0
BOPS	05/26/45	250	24	0	0
BOPS	05/27/45	250	24	0	0
BOPS	05/28/45	250	24	0	0
BOPS	05/29/45	250	24	0	0
BOPS	05/30/45	250	24	0	0
BOPS	05/31/45	76.3	8	2592	2095.3
BOPS	06/01/45	225	24	0	0
BOPS	06/02/45	250	24	0	0
BOPS	06/03/45	250	24	0	0
BOPS	06/04/45	250	24	0	0
BOPS	06/05/45	247.2	23.75	0	0
BOPS	06/06/45	250	24	0	0
BOPS	06/07/45	250	24	0	0
BOPS	06/08/45	250	24	0	0
BOPS	06/09/45	250	24	0	0
BOPS	06/10/45	250	24	0	0
BOPS	06/11/45	250	24	0	0
BOPS	06/12/45	250	24	0	0
BOPS	06/13/45	250	24	0	0
BOPS	06/14/45	75.2	9.56	2520	2175.8
BOPS	06/15/45	250	24	0	0
BOPS	06/16/45	250	24	0	0
BOPS	06/17/45	250	24	0	0
BOPS	06/18/45	250	24	0	0

TABLE 2.1. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
BOPS	06/19/45	250	24	0	0
BOPS	06/20/45	250	24	0	0
BOPS	06/21/45	250	24	0	0
BOPS	06/22/45	250	24	0	0
BOPS	06/23/45	250	24	0	0
BOPS	06/24/45	250	24	0	0
BOPS	06/25/45	250	24	0	0
BOPS	06/26/45	250	24	0	0
BOPS	06/27/45	250	24	0	0
BOPS	06/28/45	70.8	7.5	2442	2140.4
BOPS	06/29/45	244.4	24	0	0
BOPS	06/30/45	250	24	0	0
BOPS	07/01/45	250	24	0	0
BOPS	07/02/45	250	24	0	0
BOPS	07/03/45	250	24	0	0
BOPS	07/04/45	250	24	0	0
BOPS	07/05/45	250	24	0	0
BOPS	07/06/45	250	24	0	0
BOPS	07/07/45	250	24	0	0
BOPS	07/08/45	250	24	0	0
BOPS	07/09/45	250	24	0	0
BOPS	07/10/45	250	24	0	0
BOPS	07/11/45	250	24	0	0
BOPS	07/12/45	72.9	7.5	2540	2217.7
BOPS	07/13/45	236.6	24	0	0
BOPS	07/14/45	250	24	0	0
BOPS	07/15/45	250	24	0	0
BOPS	07/16/45	250	24	0	0
BOPS	07/17/45	250	24	0	0
BOPS	07/18/45	250	24	0	0
BOPS	07/19/45	73.5	8.2	2501	2141.2
BOPS	07/20/45	244.3	24	0	0
BOPS	07/21/45	250	24	0	0
BOPS	07/22/45	250	24	0	0
BOPS	07/23/45	250	24	0	0
BOPS	07/24/45	250	24	0	0
BOPS	07/25/45	250	24	0	0
BOPS	07/26/45	250	24	0	0
BOPS	07/27/45	250	24	0	0
BOPS	07/28/45	250	24	0	0
BOPS	07/29/45	250	24	0	0
BOPS	07/30/45	250	24	0	0
BOPS	07/31/45	250	24	0	0

TABLE 2.1. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
BOPS	08/01/45	250	24	0	0
BOPS	08/02/45	250	24	0	0
BOPS	08/03/45	250	24	0	0
BOPS	08/04/45	250	24	0	0
BOPS	08/05/45	111.3	11.46	0	0
BOPS	08/06/45	236.5	23.9	0	0
BOPS	08/07/45	250	24	0	0
BOPS	08/08/45	250	24	0	0
BOPS	08/09/45	250	24	0	0
BOPS	08/10/45	250	24	0	0
BOPS	08/11/45	250	24	0	0
BOPS	08/12/45	250	24	0	0
BOPS	08/13/45	250	24	0	0
BOPS	08/14/45	250	24	0	0
BOPS	08/15/45	250	24	0	0
BOPS	08/16/45	250	24	0	0
BOPS	08/17/45	250	24	0	0
BOPS	08/18/45	250	24	0	0
BOPS	08/19/45	250	24	0	0
BOPS	08/20/45	250	24	0	0
BOPS	08/21/45	250	24	0	0
BOPS	08/22/45	250	24	0	0
BOPS	08/23/45	250	24	0	0
BOPS	08/24/45	250	24	0	0
BOPS	08/25/45	234.5	24	0	0
BOPS	08/26/45	225	24	0	0
BOPS	08/27/45	225	24	0	0
BOPS	08/28/45	225	24	0	0
BOPS	08/29/45	63.3	6.75	4212	3601.3
BOPS	08/30/45	211	23.7	0	0
BOPS	08/31/45	225	24	0	0
BOPS	09/01/45	225	24	0	0
BOPS	09/02/45	225	24	0	0
BOPS	09/03/45	225	24	0	0
BOPS	09/04/45	225	24	0	0
BOPS	09/05/45	75.6	7	4223	3430.1
BOPS	09/06/45	221.2	24	0	0
BOPS	09/07/45	225	24	0	0
BOPS	09/08/45	225	24	0	0
BOPS	09/09/45	225	24	0	0
BOPS	09/10/45	225	24	0	0
BOPS	09/11/45	225	24	0	0
BOPS	09/12/45	86.6	10.05	4187	3410

TABLE 2.1. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
BOPS	09/13/45	224.1	24	0	0
BOPS	09/14/45	225	24	0	0
BOPS	09/15/45	225	24	0	0
BOPS	09/16/45	225	24	0	0
BOPS	09/17/45	225	24	0	0
BOPS	09/18/45	225	24	0	0
BOPS	09/19/45	71.8	9.25	4210	3270
BOPS	09/20/45	220.6	23.3	0	0
BOPS	09/21/45	225	24	0	0
BOPS	09/22/45	225	24	0	0
BOPS	09/23/45	225	24	0	0
BOPS	09/24/45	225	24	0	0
BOPS	09/25/45	225	24	0	0
BOPS	09/26/45	225	24	0	0
BOPS	09/27/45	225	24	0	0
BOPS	09/28/45	225	24	0	0
BOPS	09/29/45	225	24	0	0
BOPS	09/30/45	234.4	25	0	0
BOPS	10/01/45	225	24	0	0
BOPS	10/02/45	72.8	6.73	2496	1824.2
BOPS	10/03/45	225	24	0	0
BOPS	10/04/45	225	24	0	0
BOPS	10/05/45	225	24	0	0
BOPS	10/06/45	225	24	0	0
BOPS	10/07/45	225	24	0	0
BOPS	10/08/45	225	24	0	0
BOPS	10/09/45	225	24	0	0
BOPS	10/10/45	225	24	0	0
BOPS	10/11/45	225	24	0	0
BOPS	10/12/45	225	24	0	0
BOPS	10/13/45	225	24	0	0
BOPS	10/14/45	225	24	0	0
BOPS	10/15/45	225	24	0	0
BOPS	10/16/45	225	24	0	0
BOPS	10/17/45	225	24	0	0
BOPS	10/18/45	225	24	0	0
BOPS	10/19/45	225	24	0	0
BOPS	10/20/45	225	24	0	0
BOPS	10/21/45	225	24	0	0
BOPS	10/22/45	225	24	0	0
BOPS	10/23/45	225	24	0	0
BOPS	10/24/45	225	24	0	0
BOPS	10/25/45	219.3	24	0	0

TABLE 2.1. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
BOPS	10/26/45	220.3	23.5	0	0
BOPS	10/27/45	225	24	0	0
BOPS	10/28/45	225	24	0	0
BOPS	10/29/45	225	24	0	0
BOPS	10/30/45	63.2	6.75	3462	2781.4
BOPS	10/31/45	187.9	21.3	0	0
BOPS	11/01/45	209	21.32	0	0
BOPS	11/02/45	225	24	0	0
BOPS	11/03/45	225	24	0	0
BOPS	11/04/45	225	24	0	0
BOPS	11/05/45	225	24	0	0
BOPS	11/06/45	225	24	0	0
BOPS	11/07/45	225	24	0	0
BOPS	11/08/45	225	24	0	0
BOPS	11/09/45	225	24	0	0
BOPS	11/10/45	225	24	0	0
BOPS	11/11/45	225	24	0	0
BOPS	11/12/45	225	24	0	0
BOPS	11/13/45	225	24	0	0
BOPS	11/14/45	225	24	0	0
BOPS	11/15/45	42	4	1696	1346.7
BOPS	11/15/45	0	0	373	512.1
BOPS	11/16/45	202.6	21.6	0	0
BOPS	11/17/45	225	24	0	0
BOPS	11/18/45	225	24	0	0
BOPS	11/19/45	225	24	0	0
BOPS	11/20/45	70.3	7.44	1664	1352.4
BOPS	11/21/45	219.7	22	0	0
BOPS	11/22/45	225	24	0	0
BOPS	11/23/45	225	24	0	0
BOPS	11/24/45	225	24	0	0
BOPS	11/25/45	225	24	0	0
BOPS	11/26/45	225	24	0	0
BOPS	11/27/45	225	24	0	0
BOPS	11/28/45	225	24	0	0
BOPS	11/29/45	225	24	0	0
BOPS	11/30/45	225	24	0	0
BOPS	12/01/45	225	24	0	0
BOPS	12/02/45	225	24	0	0
BOPS	12/03/45	225	24	0	0
BOPS	12/04/45	38.2	3.5	3466	2824
BOPS	12/05/45	106.1	10.8	0	0
BOPS	12/06/45	189.3	19	0	0

TABLE 2.1. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
BOPS	12/07/45	225	24	0	0
BOPS	12/08/45	225	24	0	0
BOPS	12/09/45	225	24	0	0
BOPS	12/10/45	225	24	0	0
BOPS	12/11/45	5.5	1	323	294.2
BOPS	12/12/45	0	0	0	0
BOPS	12/13/45	0	0	0	0
BOPS	12/14/45	0	0	0	0
BOPS	12/15/45	0	0	0	0
BOPS	12/16/45	0	0	0	0
BOPS	12/17/45	0	0	0	0
BOPS	12/18/45	0	0	0	0
BOPS	12/19/45	0	0	0	0
BOPS	12/20/45	0	0	2528	3173.9
BOPS	12/21/45	0	0	0	0
BOPS	12/22/45	0	0	0	0
BOPS	12/23/45	0	0	0	0
BOPS	12/24/45	0	0	5394	7269.4
BOPS	12/25/45	0	0	0	0
BOPS	12/26/45	0	0	0	0
BOPS	12/27/45	0	0	0	0
BOPS	12/28/45	0	0	0	0
BOPS	12/29/45	55.1	5.43	0	0
BOPS	12/30/45	192.7	19.96	0	0
BOPS	12/31/45	225	24	0	0
BOPS	01/01/46	225	24	0	0
BOPS	01/02/46	225	24	0	0
BOPS	01/03/46	225	24	0	0
BOPS	01/04/46	225	24	0	0
BOPS	01/05/46	214	24	0	0
BOPS	01/06/46	225	24	0	0
BOPS	01/07/46	225	24	0	0
BOPS	01/08/46	71	6.4	2672	2184
BOPS	01/09/46	225	24	0	0
BOPS	01/10/46	225	24	0	0
BOPS	01/11/46	225	24	0	0
BOPS	01/12/46	225	24	0	0
BOPS	01/13/46	225	24	0	0
BOPS	01/14/46	225	24	0	0
BOPS	01/15/46	225	24	0	0
BOPS	01/16/46	225	24	0	0
BOPS	01/17/46	225	24	0	0
BOPS	01/18/46	225	24	0	0

TABLE 2.1. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
BOPS	01/19/46	225	24	0	0
BOPS	01/20/46	69	7	233	250
BOPS	01/21/46	190	17.8	0	0
BOPS	01/22/46	225	24	0	0
BOPS	01/23/46	225	24	0	0
BOPS	01/24/46	225	24	0	0
BOPS	01/25/46	225	24	0	0
BOPS	01/26/46	225	24	0	0
BOPS	01/27/46	225	24	0	0
BOPS	01/28/46	225	24	0	0
BOPS	01/29/46	225	24	0	0
BOPS	01/30/46	225	24	0	0
BOPS	01/31/46	225	24	0	0
BOPS	02/01/46	225	24	0	0
BOPS	02/02/46	225	24	0	0
BOPS	02/03/46	225	24	0	0
BOPS	02/04/46	225	24	0	0
BOPS	02/05/46	34	4	3629	3095
BOPS	02/06/46	155	19.5	0	0
BOPS	02/07/46	225	24	0	0
BOPS	02/08/46	225	24	0	0
BOPS	02/09/46	225	24	0	0
BOPS	02/10/46	225	24	0	0
BOPS	02/11/46	225	24	0	0
BOPS	02/12/46	225	24	0	0
BOPS	02/13/46	225	24	0	0
BOPS	02/14/46	225	24	0	0
BOPS	02/15/46	225	24	0	0
BOPS	02/16/46	225	24	0	0
BOPS	02/17/46	221	23.43	0	0
BOPS	02/18/46	222	23.38	0	0
BOPS	02/19/46	65	8.3	4196	3222
BOPS	02/20/46	222	24	0	0
BOPS	02/21/46	225	24	0	0
BOPS	02/22/46	225	24	0	0
BOPS	02/23/46	225	24	0	0
BOPS	02/24/46	225	24	0	0
BOPS	02/25/46	225	24	0	0
BOPS	02/26/46	225	24	0	0
BOPS	02/27/46	222	23.8	0	0
BOPS	02/28/46	225	24	0	0
BOPS	03/01/46	225	24	0	0
BOPS	03/02/46	225	24	0	0

TABLE 2.1. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
BOPS	03/03/46	225	24	0	0
BOPS	03/04/46	225	24	0	0
BOPS	03/05/46	225	24	0	0
BOPS	03/06/46	11	1.5	3677	3159
BOPS	03/07/46	0	0	0	0
BOPS	03/08/46	157	19.25	0	0
BOPS	03/09/46	217	23.7	0	0
BOPS	03/10/46	225	24	0	0
BOPS	03/11/46	220	23.75	0	0
BOPS	03/12/46	225	24	0	0
BOPS	03/13/46	225	24	0	0
BOPS	03/14/46	192	24	0	0
BOPS	03/15/46	53	24	0	0
BOPS	03/16/46	1	22.4	0	0
BOPS	03/17/46	1	24	0	0
BOPS	03/18/46	1	24	0	0
BOPS	03/19/46	0	4	0	0
BOPS	03/21/46	0	0	0	0
BOPS	03/22/46	0	0	7040	5508
BOPS	03/23/46	0	0	0	0
BOPS	03/25/46	0	0	1706	2698
BOPS	03/26/46	0	0	0	0
BOPS	03/27/46	0	0	0	0
BOPS	03/28/46	0	0	0	0
BOPS	03/29/46	0	0	0	0
BOPS	04/01/46	0	0	0	0
BOPS	04/02/46	0	0	0	0
BOPS	04/15/46	0	0	1	0
BOPS	04/16/46	0	0	0	0

TABLE 2.2. D Reactor Operating Data

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	12/16/44	0	0	0	0
DOPS	12/17/44	11	6.2	0	0
DOPS	12/18/44	65.1	24	0	0
DOPS	12/19/44	86.8	22.8	0	0
DOPS	12/20/44	125	24	0	0
DOPS	12/21/44	135.8	24	0	0
DOPS	12/22/44	144.9	23.15	0	0
DOPS	12/23/44	47.2	9.7	0	0
DOPS	12/24/44	139.9	22.9	0	0
DOPS	12/25/44	157.8	24	0	0
DOPS	12/26/44	170.5	24	0	0
DOPS	12/27/44	176	24	0	0
DOPS	12/28/44	180	24	0	0
DOPS	12/29/44	180.1	24	0	0
DOPS	12/30/44	182.7	24	0	0
DOPS	12/31/44	183.1	23.54	0	0
DOPS	01/01/45	185.7	24	0	0
DOPS	01/02/45	185.3	24	0	0
DOPS	01/03/45	187.8	24	0	0
DOPS	01/04/45	189.2	24	0	0
DOPS	01/05/45	186.9	24	0	0
DOPS	01/06/45	187.1	24	0	0
DOPS	01/07/45	188.3	24	0	0
DOPS	01/08/45	189.6	24	0	0
DOPS	01/09/45	186.5	23.75	0	0
DOPS	01/10/45	191.3	24	0	0
DOPS	01/11/45	192	24	0	0
DOPS	01/12/45	193.3	23.82	0	0
DOPS	01/13/45	193.3	24	0	0
DOPS	01/14/45	192.4	24	0	0
DOPS	01/15/45	193.7	24	0	0
DOPS	01/16/45	192.4	24	0	0
DOPS	01/17/45	169.6	24	0	0
DOPS	01/18/45	190.7	24	0	0
DOPS	01/19/45	190	24	0	0
DOPS	01/20/45	81.2	11.03	35	4.6
DOPS	01/21/45	190.1	24	0	0
DOPS	01/22/45	190.8	24	0	0
DOPS	01/23/45	208.9	24	0	0
DOPS	01/24/45	218.1	23.75	0	0
DOPS	01/25/45	225.1	24	0	0
DOPS	01/26/45	226.6	23.25	0	0
DOPS	01/27/45	229.7	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	01/28/45	227.7	23.74	0	0
DOPS	01/29/45	230.9	24	0	0
DOPS	01/30/45	230.1	24	0	0
DOPS	01/31/45	232.5	24	0	0
DOPS	02/01/45	235.5	24	0	0
DOPS	02/02/45	235.3	24	0	0
DOPS	02/03/45	235.6	24	0	0
DOPS	02/04/45	237.7	24	0	0
DOPS	02/05/45	243.7	24	0	0
DOPS	02/06/45	246	24	0	0
DOPS	02/07/45	244.6	23.9	0	0
DOPS	02/08/45	245.3	24	0	0
DOPS	02/09/45	245.1	23.8	0	0
DOPS	02/10/45	244.2	23.77	0	0
DOPS	02/11/45	248	24	0	0
DOPS	02/12/45	251.1	24	0	0
DOPS	02/13/45	250.8	24	0	0
DOPS	02/14/45	249.3	24	0	0
DOPS	02/15/45	115.8	10.9	0	0
DOPS	02/16/45	239.3	23.58	0	0
DOPS	02/17/45	250.5	24	0	0
DOPS	02/18/45	250.8	24	0	0
DOPS	02/19/45	251.4	24	0	0
DOPS	02/20/45	250.9	24	0	0
DOPS	02/21/45	252	24	0	0
DOPS	02/22/45	251.8	24	0	0
DOPS	02/23/45	249.8	23.83	0	0
DOPS	02/24/45	252	24	0	0
DOPS	02/25/45	250.6	24	0	0
DOPS	02/26/45	251.6	24	0	0
DOPS	02/27/45	251.2	24	0	0
DOPS	02/28/45	251.6	24	0	0
DOPS	03/01/45	250.4	23.73	0	0
DOPS	03/02/45	251	23.83	0	0
DOPS	03/03/45	252	24	0	0
DOPS	03/04/45	251.9	24	0	0
DOPS	03/05/45	250.5	23.83	0	0
DOPS	03/06/45	251.6	24	0	0
DOPS	03/07/45	252.1	24	0	0
DOPS	03/08/45	252.2	24	0	0
DOPS	03/09/45	251.9	24	0	0
DOPS	03/10/45	249.5	23.8	0	0
DOPS	03/11/45	251.6	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	03/12/45	251.5	24	0	0
DOPS	03/13/45	250.5	24	0	0
DOPS	03/14/45	250.6	24	0	0
DOPS	03/15/45	77.4	6.5	2555	1057.7
DOPS	03/16/45	162.6	17.67	0	0
DOPS	03/17/45	252.5	24	0	0
DOPS	03/18/45	241.5	24	0	0
DOPS	03/19/45	238.3	24	0	0
DOPS	03/20/45	240.3	24	0	0
DOPS	03/21/45	240.1	24	0	0
DOPS	03/22/45	240.6	24	0	0
DOPS	03/23/45	234.5	23.81	0	0
DOPS	03/24/45	241.1	24	0	0
DOPS	03/25/45	240.9	24	0	0
DOPS	03/26/45	244	24	0	0
DOPS	03/27/45	246.1	24	0	0
DOPS	03/28/45	248.6	24	0	0
DOPS	03/29/45	89.8	9.05	2555	1272.5
DOPS	03/30/45	238.2	23.42	0	0
DOPS	03/31/45	250.5	24	0	0
DOPS	04/01/45	251	24	0	0
DOPS	04/02/45	251	24	0	0
DOPS	04/03/45	250.7	24	0	0
DOPS	04/04/45	250.6	24	0	0
DOPS	04/05/45	250.2	24	0	0
DOPS	04/06/45	250.4	24	0	0
DOPS	04/07/45	250.6	24	0	0
DOPS	04/08/45	250.6	24	0	0
DOPS	04/09/45	250.3	24	0	0
DOPS	04/10/45	250.3	24	0	0
DOPS	04/11/45	250.8	24	0	0
DOPS	04/12/45	250.7	24	0	0
DOPS	04/13/45	250.8	24	0	0
DOPS	04/14/45	250.6	24	0	0
DOPS	04/15/45	250.7	24	0	0
DOPS	04/16/45	250.6	24	0	0
DOPS	04/17/45	250.7	24	0	0
DOPS	04/18/45	250.8	24	0	0
DOPS	04/19/45	67.8	6.83	2555	1593.9
DOPS	04/20/45	176.4	19.5	0	0
DOPS	04/21/45	245.8	24	0	0
DOPS	04/22/45	250.7	24	0	0
DOPS	04/23/45	250.8	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	04/24/45	250.6	24	0	0
DOPS	04/25/45	250.7	24	0	0
DOPS	04/26/45	245.7	23.1	0	0
DOPS	04/27/45	250.7	24	0	0
DOPS	04/28/45	249.8	23.8	0	0
DOPS	04/29/45	249.2	23.72	0	0
DOPS	04/30/45	251	24	0	0
DOPS	05/01/45	250.8	24	0	0
DOPS	05/02/45	250.7	24	0	0
DOPS	05/03/45	62.4	8.1	2590	1870
DOPS	05/04/45	249.4	24	0	0
DOPS	05/05/45	250.4	24	0	0
DOPS	05/06/45	250.6	24	0	0
DOPS	05/07/45	250.4	24	0	0
DOPS	05/08/45	258.7	24	0	0
DOPS	05/09/45	265.3	24	0	0
DOPS	05/10/45	265.3	24	0	0
DOPS	05/11/45	265.3	24	0	0
DOPS	05/12/45	261	23.6	0	0
DOPS	05/13/45	265.3	24	0	0
DOPS	05/14/45	265.6	24	0	0
DOPS	05/15/45	265.3	24	0	0
DOPS	05/16/45	265.4	24	0	0
DOPS	05/17/45	265.5	24	0	0
DOPS	05/18/45	265.6	24	0	0
DOPS	05/19/45	265.6	24	0	0
DOPS	05/20/45	81.9	7.5	2590	1822.3
DOPS	05/21/45	253.7	24	0	0
DOPS	05/22/45	265.4	24	0	0
DOPS	05/23/45	265.4	24	0	0
DOPS	05/24/45	265.4	24	0	0
DOPS	05/25/45	265.6	24	0	0
DOPS	05/26/45	266	24	0	0
DOPS	05/27/45	265.9	24	0	0
DOPS	05/28/45	265.7	24	0	0
DOPS	05/29/45	265.5	24	0	0
DOPS	05/30/45	265.6	24	0	0
DOPS	05/31/45	265.5	24	0	0
DOPS	06/01/45	265.5	24	0	0
DOPS	06/02/45	265.5	24	0	0
DOPS	06/03/45	265.6	24	0	0
DOPS	06/04/45	81.8	7.4	1362	1033.7
DOPS	06/05/45	198	18.75	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	06/06/45	265.2	24	0	0
DOPS	06/07/45	265.7	24	0	0
DOPS	06/08/45	265.6	24	0	0
DOPS	06/09/45	275	24	0	0
DOPS	06/10/45	280.4	24	0	0
DOPS	06/11/45	280.3	24	0	0
DOPS	06/12/45	280	23.84	0	0
DOPS	06/13/45	280.4	24	0	0
DOPS	06/14/45	280.4	24	0	0
DOPS	06/15/45	280.3	24	0	0
DOPS	06/16/45	280.4	24	0	0
DOPS	06/17/45	280.3	24	0	0
DOPS	06/18/45	280.4	24	0	0
DOPS	06/19/45	280.3	24	0	0
DOPS	06/20/45	249.6	21.4	0	0
DOPS	06/21/45	61.2	6.75	3710	3251.2
DOPS	06/22/45	280.1	24	0	0
DOPS	06/23/45	280.1	24	0	0
DOPS	06/24/45	280.3	24	0	0
DOPS	06/25/45	280.5	24	0	0
DOPS	06/26/45	280.4	24	0	0
DOPS	06/27/45	280.3	24	0	0
DOPS	06/28/45	280.4	24	0	0
DOPS	06/29/45	280.4	24	0	0
DOPS	06/30/45	280.4	24	0	0
DOPS	07/01/45	280.4	24	0	0
DOPS	07/02/45	280.5	24	0	0
DOPS	07/03/45	280.4	24	0	0
DOPS	07/04/45	280.5	24	0	0
DOPS	07/05/45	93.5	8	2485	2266
DOPS	07/06/45	269.2	24	0	0
DOPS	07/07/45	280.4	24	0	0
DOPS	07/08/45	280.3	24	0	0
DOPS	07/09/45	280.4	24	0	0
DOPS	07/10/45	280.2	24	0	0
DOPS	07/11/45	280.4	24	0	0
DOPS	07/12/45	280.5	24	0	0
DOPS	07/13/45	132.5	11.35	2522	2466.8
DOPS	07/14/45	278.3	24	0	0
DOPS	07/15/45	280.5	24	0	0
DOPS	07/16/45	280.3	24	0	0
DOPS	07/17/45	280.4	24	0	0
DOPS	07/18/45	279.3	23.8	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	07/19/45	280.4	24	0	0
DOPS	07/20/45	280.5	24	0	0
DOPS	07/21/45	280.5	24	0	0
DOPS	07/22/45	280.5	24	0	0
DOPS	07/23/45	280.5	24	0	0
DOPS	07/24/45	280.5	24	0	0
DOPS	07/25/45	280.4	24	0	0
DOPS	07/26/45	114.2	11.6	2520	2397.7
DOPS	07/27/45	274.1	24	0	0
DOPS	07/28/45	280.4	24	0	0
DOPS	07/29/45	280.4	24	0	0
DOPS	07/30/45	280.5	24	0	0
DOPS	07/31/45	280.4	24	0	0
DOPS	08/01/45	280.6	24	0	0
DOPS	08/02/45	280.6	24	0	0
DOPS	08/03/45	280.5	24	0	0
DOPS	08/04/45	280.4	24	0	0
DOPS	08/05/45	108.9	7.56	0	0
DOPS	08/06/45	280.3	24	0	0
DOPS	08/07/45	280.4	24	0	0
DOPS	08/08/45	280.5	24	0	0
DOPS	08/09/45	130.7	10.12	3150	3054.8
DOPS	08/10/45	280.4	24	0	0
DOPS	08/11/45	277.2	23.72	0	0
DOPS	08/12/45	280.3	24	0	0
DOPS	08/13/45	280.5	24	0	0
DOPS	08/14/45	280.5	24	0	0
DOPS	08/15/45	280.5	24	0	0
DOPS	08/16/45	138.7	11.8	3570	3245.7
DOPS	08/17/45	280.8	24	0	0
DOPS	08/18/45	280.4	24	0	0
DOPS	08/19/45	280.4	24	0	0
DOPS	08/20/45	280.3	24	0	0
DOPS	08/21/45	280.4	24	0	0
DOPS	08/22/45	280.5	24	0	0
DOPS	08/23/45	280.5	24	0	0
DOPS	08/24/45	280.4	24	0	0
DOPS	08/25/45	261.7	24	0	0
DOPS	08/26/45	250.5	24	0	0
DOPS	08/27/45	250.4	24	0	0
DOPS	08/28/45	250.4	24	0	0
DOPS	08/29/45	250.5	24	0	0
DOPS	08/30/45	80.6	7.2	4215	3494.9

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	08/31/45	250.1	24	0	0
DOPS	09/01/45	250.5	24	0	0
DOPS	09/02/45	250.3	24	0	0
DOPS	09/03/45	250.5	24	0	0
DOPS	09/04/45	250.4	24	0	0
DOPS	09/05/45	250.4	24	0	0
DOPS	09/06/45	111.7	9.6	4197	3397.1
DOPS	09/07/45	250.4	24	0	0
DOPS	09/08/45	250.4	24	0	0
DOPS	09/09/45	250.4	24	0	0
DOPS	09/10/45	250.4	24	0	0
DOPS	09/11/45	250.4	24	0	0
DOPS	09/12/45	250.3	24	0	0
DOPS	09/13/45	248.5	23.63	0	0
DOPS	09/14/45	250.4	24	0	0
DOPS	09/15/45	250.4	24	0	0
DOPS	09/16/45	250.5	24	0	0
DOPS	09/17/45	250.4	24	0	0
DOPS	09/18/45	250.5	24	0	0
DOPS	09/19/45	250.4	24	0	0
DOPS	09/20/45	76.1	8	4216	3292
DOPS	09/21/45	250.1	24	0	0
DOPS	09/22/45	250.6	24	0	0
DOPS	09/23/45	250.4	24	0	0
DOPS	09/24/45	250.4	24	0	0
DOPS	09/25/45	250.4	24	0	0
DOPS	09/26/45	250.5	24	0	0
DOPS	09/27/45	250.5	24	0	0
DOPS	09/28/45	250.4	24	0	0
DOPS	09/29/45	250.5	24	0	0
DOPS	09/30/45	260.9	25	0	0
DOPS	10/01/45	250.4	24	0	0
DOPS	10/02/45	250.5	24	0	0
DOPS	10/03/45	250.5	24	0	0
DOPS	10/04/45	109.2	9.9	3360	2617.8
DOPS	10/05/45	250	24	0	0
DOPS	10/06/45	247.9	23.8	0	0
DOPS	10/07/45	250	24	0	0
DOPS	10/08/45	250	24	0	0
DOPS	10/09/45	168.5	11.23	2811	3321.9
DOPS	10/10/45	250	24	0	0
DOPS	10/11/45	248	24	0	0
DOPS	10/12/45	250	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	10/13/45	250	24	0	0
DOPS	10/14/45	250	24	0	0
DOPS	10/15/45	250	24	0	0
DOPS	10/16/45	250	24	0	0
DOPS	10/17/45	250	24	0	0
DOPS	10/18/45	76	8	2555	1991.5
DOPS	10/19/45	250.4	24	0	0
DOPS	10/20/45	250.5	24	0	0
DOPS	10/21/45	250.4	24	0	0
DOPS	10/22/45	250.4	24	0	0
DOPS	10/23/45	250.4	24	0	0
DOPS	10/24/45	250.4	24	0	0
DOPS	10/25/45	114.9	10.7	3317	3943.1
DOPS	10/26/45	250	24	0	0
DOPS	10/27/45	250	24	0	0
DOPS	10/28/45	250	24	0	0
DOPS	10/29/45	250	24	0	0
DOPS	10/30/45	250	24	0	0
DOPS	10/31/45	250	24	0	0
DOPS	11/01/45	250	24	0	0
DOPS	11/02/45	250	24	0	0
DOPS	11/03/45	250	24	0	0
DOPS	11/04/45	250	24	0	0
DOPS	11/05/45	250	24	0	0
DOPS	11/06/45	98.1	9.5	3374	2675
DOPS	11/07/45	250	24	0	0
DOPS	11/08/45	250	24	0	0
DOPS	11/09/45	250	24	0	0
DOPS	11/10/45	250	24	0	0
DOPS	11/11/45	250	24	0	0
DOPS	11/12/45	250	24	0	0
DOPS	11/13/45	83.3	8	3356	3976.5
DOPS	11/14/45	250	24	0	0
DOPS	11/15/45	250	24	0	0
DOPS	11/16/45	250	24	0	0
DOPS	11/17/45	250	24	0	0
DOPS	11/18/45	250	24	0	0
DOPS	11/19/45	250	24	0	0
DOPS	11/20/45	91.4	9.1	3360	2670.6
DOPS	11/21/45	250	24	0	0
DOPS	11/22/45	250	24	0	0
DOPS	11/23/45	250	24	0	0
DOPS	11/24/45	250	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	11/25/45	250	24	0	0
DOPS	11/26/45	250	24	0	0
DOPS	11/27/45	250	24	0	0
DOPS	11/28/45	250	24	0	0
DOPS	11/29/45	250	24	0	0
DOPS	11/30/45	250	24	0	0
DOPS	12/01/45	250	24	0	0
DOPS	12/02/45	250	24	0	0
DOPS	12/03/45	250	24	0	0
DOPS	12/04/45	250	24	0	0
DOPS	12/05/45	247.7	23.4	0	0
DOPS	12/06/45	72.1	6	4165	3347.7
DOPS	12/07/45	250	24	0	0
DOPS	12/08/45	250	24	0	0
DOPS	12/09/45	250	24	0	0
DOPS	12/10/45	250	24	0	0
DOPS	12/11/45	250	24	0	0
DOPS	12/12/45	250	24	0	0
DOPS	12/13/45	78.1	7.5	2511	1978
DOPS	12/14/45	250	24	0	0
DOPS	12/15/45	250	24	0	0
DOPS	12/16/45	250	24	0	0
DOPS	12/17/45	250	24	0	0
DOPS	12/18/45	250	24	0	0
DOPS	12/19/45	263.8	24	0	0
DOPS	12/20/45	275	24	0	0
DOPS	12/21/45	275	24	0	0
DOPS	12/22/45	272.1	23.7	0	0
DOPS	12/23/45	275	24	0	0
DOPS	12/24/45	275	24	0	0
DOPS	12/25/45	275	24	0	0
DOPS	12/26/45	275	24	0	0
DOPS	12/27/45	275	24	0	0
DOPS	12/28/45	275	24	0	0
DOPS	12/29/45	275	24	0	0
DOPS	12/30/45	244	24	0	0
DOPS	12/31/45	102	10.9	2544	1997
DOPS	01/01/46	225	24	0	0
DOPS	01/02/46	225	24	0	0
DOPS	01/03/46	225	24	0	0
DOPS	01/04/46	225	24	0	0
DOPS	01/05/46	225	24	0	0
DOPS	01/06/46	225	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	01/07/46	225	24	0	0
DOPS	01/08/46	225	24	0	0
DOPS	01/09/46	225	24	0	0
DOPS	01/10/46	225	24	0	0
DOPS	01/11/46	225	24	0	0
DOPS	01/12/46	225	24	0	0
DOPS	01/13/46	225	24	0	0
DOPS	01/14/46	225	24	0	0
DOPS	01/15/46	225	24	0	0
DOPS	01/16/46	225	24	0	0
DOPS	01/17/46	225	24	0	0
DOPS	01/18/46	53	5.5	4320	3537
DOPS	01/19/46	0	0	0	0
DOPS	01/20/46	0	0	0	0
DOPS	01/21/46	87	8.8	0	0
DOPS	01/22/46	186	15	0	0
DOPS	01/23/46	225	24	0	0
DOPS	01/24/46	225	24	0	0
DOPS	01/25/46	225	24	0	0
DOPS	01/26/46	225	24	0	0
DOPS	01/27/46	225	24	0	0
DOPS	01/28/46	225	24	0	0
DOPS	01/29/46	84	10.2	3362	2553
DOPS	01/30/46	223	24	0	0
DOPS	01/31/46	225	24	0	0
DOPS	02/01/46	225	24	0	0
DOPS	02/02/46	225	24	0	0
DOPS	02/03/46	225	24	0	0
DOPS	02/04/46	225	24	0	0
DOPS	02/05/46	225	24	0	0
DOPS	02/06/46	225	24	0	0
DOPS	02/07/46	225	24	0	0
DOPS	02/08/46	225	24	0	0
DOPS	02/09/46	225	24	0	0
DOPS	02/10/46	225	24	0	0
DOPS	02/11/46	225	24	0	0
DOPS	02/12/46	78	9.4	3380	2652
DOPS	02/13/46	225	24	0	0
DOPS	02/14/46	225	24	0	0
DOPS	02/15/46	225	24	0	0
DOPS	02/16/46	225	24	0	0
DOPS	02/17/46	225	24	0	0
DOPS	02/18/46	225	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	02/19/46	225	24	0	0
DOPS	02/20/46	225	24	0	0
DOPS	02/21/46	220	24	0	0
DOPS	02/22/46	225	24	0	0
DOPS	02/23/46	225	24	0	0
DOPS	02/24/46	225	24	0	0
DOPS	02/25/46	225	24	0	0
DOPS	02/26/46	66	8	4178	3339
DOPS	02/27/46	225	24	0	0
DOPS	02/28/46	225	24	0	0
DOPS	03/01/46	225	24	0	0
DOPS	03/02/46	225	24	0	0
DOPS	03/03/46	225	24	0	0
DOPS	03/04/46	225	24	0	0
DOPS	03/05/46	225	24	0	0
DOPS	03/06/46	225	24	0	0
DOPS	03/07/46	225	24	0	0
DOPS	03/08/46	225	24	0	0
DOPS	03/09/46	225	24	0	0
DOPS	03/10/46	225	24	0	0
DOPS	03/11/46	223	23.77	0	0
DOPS	03/12/46	84	9.97	2500	2000
DOPS	03/13/46	225	24	0	0
DOPS	03/14/46	225	24	0	0
DOPS	03/15/46	225	24	0	0
DOPS	03/16/46	240	24	0	0
DOPS	03/17/46	250	24	0	0
DOPS	03/18/46	247	23.7	0	0
DOPS	03/19/46	250	24	0	0
DOPS	03/20/46	250	24	0	0
DOPS	03/21/46	250	24	0	0
DOPS	03/22/46	250	24	0	0
DOPS	03/23/46	250	24	0	0
DOPS	03/24/46	250	24	0	0
DOPS	03/25/46	250	24	0	0
DOPS	03/26/46	86	9.5	4200	3385
DOPS	03/27/46	247	24	0	0
DOPS	03/28/46	250	24	0	0
DOPS	03/29/46	250	24	0	0
DOPS	03/30/46	250	24	0	0
DOPS	03/31/46	250	24	0	0
DOPS	04/01/46	250	24	0	0
DOPS	04/02/46	250	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	04/03/46	250	24	0	0
DOPS	04/04/46	250	24	0	0
DOPS	04/05/46	250	24	0	0
DOPS	04/06/46	250	24	0	0
DOPS	04/07/46	240	23	0	0
DOPS	04/08/46	250	24	0	0
DOPS	04/09/46	75	8.2	2528	2063
DOPS	04/10/46	250	24	0	0
DOPS	04/11/46	250	24	0	0
DOPS	04/12/46	250	24	0	0
DOPS	04/13/46	250	24	0	0
DOPS	04/14/46	250	24	0	0
DOPS	04/15/46	250	24	0	0
DOPS	04/16/46	93	8.9	2536	2100
DOPS	04/17/46	246	24	0	0
DOPS	04/18/46	250	24	0	0
DOPS	04/19/46	250	24	0	0
DOPS	04/20/46	250	24	0	0
DOPS	04/21/46	250	24	0	0
DOPS	04/22/46	250	24	0	0
DOPS	04/23/46	98	10.5	2528	2087
DOPS	04/24/46	250	24	0	0
DOPS	04/25/46	250	24	0	0
DOPS	04/26/46	250	24	0	0
DOPS	04/27/46	250	24	0	0
DOPS	04/28/46	250	24	0	0
DOPS	04/29/46	250	24	0	0
DOPS	04/30/46	88	8.8	2509	2036
DOPS	05/01/46	249	24	0	0
DOPS	05/02/46	250	24	0	0
DOPS	05/03/46	250	24	0	0
DOPS	05/04/46	250	24	0	0
DOPS	05/05/46	250	24	0	0
DOPS	05/06/46	250	24	0	0
DOPS	05/07/46	59	6.8	1664	1359
DOPS	05/08/46	244	24	0	0
DOPS	05/09/46	250	24	0	0
DOPS	05/10/46	250	24	0	0
DOPS	05/11/46	250	24	0	0
DOPS	05/12/46	250	24	0	0
DOPS	05/13/46	250	24	0	0
DOPS	05/14/46	87	8.6	2536	2024
DOPS	05/15/46	250	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	05/16/46	250	24	0	0
DOPS	05/17/46	250	24	0	0
DOPS	05/18/46	250	24	0	0
DOPS	05/19/46	250	24	0	0
DOPS	05/20/46	250	24	0	0
DOPS	05/21/46	54	7.46	1725	1501
DOPS	05/22/46	224	22.68	0	0
DOPS	05/23/46	250	24	0	0
DOPS	05/24/46	250	24	0	0
DOPS	05/25/46	250	24	0	0
DOPS	05/26/46	250	24	0	0
DOPS	05/27/46	250	24	0	0
DOPS	05/28/46	45	4.3	2122	1714
DOPS	05/29/46	248	24	0	0
DOPS	05/30/46	250	24	0	0
DOPS	05/31/46	250	24	0	0
DOPS	06/01/46	250	24	0	0
DOPS	06/02/46	250	24	0	0
DOPS	06/03/46	250	24	0	0
DOPS	06/04/46	40	4.7	2110	1723
DOPS	06/05/46	243	24	0	0
DOPS	06/06/46	250	24	0	0
DOPS	06/07/46	250	24	0	0
DOPS	06/08/46	250	24	0	0
DOPS	06/09/46	250	24	0	0
DOPS	06/10/46	256	24	0	0
DOPS	06/11/46	85	8.18	1664	1337
DOPS	06/12/46	247	24	0	0
DOPS	06/13/46	250	24	0	0
DOPS	06/14/46	250	24	0	0
DOPS	06/15/46	250	24	0	0
DOPS	06/16/46	250	24	0	0
DOPS	06/17/46	25	2	0	0
DOPS	06/18/46	0	0	1664	1323
DOPS	06/19/46	0	0	0	0
DOPS	06/20/46	57	7	0	0
DOPS	06/21/46	203	21.5	0	0
DOPS	06/22/46	250	24	0	0
DOPS	06/23/46	250	24	0	0
DOPS	06/24/46	250	24	0	0
DOPS	06/25/46	55	5.3	1696	1365
DOPS	06/26/46	244	24	0	0
DOPS	06/27/46	250	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	06/28/46	250	24	0	0
DOPS	06/29/46	250	24	0	0
DOPS	06/30/46	250	24	0	0
DOPS	07/01/46	245	24	0	0
DOPS	07/02/46	48	6	390	310
DOPS	07/03/46	176	17.8	792	627
DOPS	07/04/46	250	24	0	0
DOPS	07/05/46	250	24	0	0
DOPS	07/06/46	250	24	0	0
DOPS	07/07/46	250	24	0	0
DOPS	07/08/46	250	24	0	0
DOPS	07/09/46	58	5.57	3018	2420
DOPS	07/10/46	242	24	0	0
DOPS	07/11/46	250	24	0	0
DOPS	07/12/46	250	24	0	0
DOPS	07/13/46	250	24	0	0
DOPS	07/14/46	250	24	0	0
DOPS	07/15/46	250	24	0	0
DOPS	07/16/46	46	4.8	2528	2015
DOPS	07/17/46	235	23.5	0	0
DOPS	07/18/46	250	24	0	0
DOPS	07/19/46	250	24	0	0
DOPS	07/20/46	250	24	0	0
DOPS	07/21/46	250	24	0	0
DOPS	07/22/46	250	24	0	0
DOPS	07/23/46	53	5.1	1724	1443
DOPS	07/24/46	250	24	0	0
DOPS	07/25/46	250	24	0	0
DOPS	07/26/46	250	24	0	0
DOPS	07/27/46	250	24	0	0
DOPS	07/28/46	250	24	0	0
DOPS	07/29/46	250	24	0	0
DOPS	07/30/46	24	3.72	3360	2709
DOPS	07/31/46	245	24	0	0
DOPS	08/01/46	250	24	0	0
DOPS	08/02/46	250	24	0	0
DOPS	08/03/46	250	24	0	0
DOPS	08/04/46	250	24	0	0
DOPS	08/05/46	250	24	0	0
DOPS	08/06/46	39	3.75	32	18
DOPS	08/07/46	235	23.47	0	0
DOPS	08/08/46	250	24	0	0
DOPS	08/09/46	250	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	08/10/46	250	24	0	0
DOPS	08/11/46	250	24	0	0
DOPS	08/12/46	250	24	0	0
DOPS	08/13/46	53	6.33	1632	1372
DOPS	08/14/46	250	24	0	0
DOPS	08/15/46	250	24	0	0
DOPS	08/16/46	250	24	0	0
DOPS	08/17/46	250	24	0	0
DOPS	08/18/46	250	24	0	0
DOPS	08/19/46	250	24	0	0
DOPS	08/20/46	59	6.77	3368	2668
DOPS	08/21/46	250	24	0	0
DOPS	08/22/46	250	24	0	0
DOPS	08/23/46	250	24	0	0
DOPS	08/24/46	250	24	0	0
DOPS	08/25/46	250	24	0	0
DOPS	08/26/46	250	24	0	0
DOPS	08/27/46	88	9.1	64	48
DOPS	08/28/46	238	24	0	0
DOPS	08/29/46	250	24	0	0
DOPS	08/30/46	115	11.8	0	0
DOPS	08/31/46	244	24	0	0
DOPS	09/01/46	250	24	0	0
DOPS	09/02/46	250	24	0	0
DOPS	09/03/46	52	6	3296	2577
DOPS	09/04/46	244	24	0	0
DOPS	09/05/46	250	24	0	0
DOPS	09/06/46	250	24	0	0
DOPS	09/07/46	250	24	0	0
DOPS	09/08/46	250	24	0	0
DOPS	09/09/46	250	24	0	0
DOPS	09/10/46	62	7.13	2496	1953
DOPS	09/11/46	248	24	0	0
DOPS	09/12/46	250	24	0	0
DOPS	09/13/46	250	24	0	0
DOPS	09/14/46	250	24	0	0
DOPS	09/15/46	250	24	0	0
DOPS	09/16/46	250	24	0	0
DOPS	09/17/46	71	6.82	96	112
DOPS	09/18/46	247	24	0	0
DOPS	09/19/46	250	24	0	0
DOPS	09/20/46	250	24	0	0
DOPS	09/21/46	250	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	09/22/46	250	24	0	0
DOPS	09/23/46	250	24	0	0
DOPS	09/24/46	40	4.6	2501	1979
DOPS	09/25/46	237	24	0	0
DOPS	09/26/46	250	24	0	0
DOPS	09/27/46	250	24	0	0
DOPS	09/28/46	250	24	0	0
DOPS	09/29/46	260	25	0	0
DOPS	09/30/46	250	24	0	0
DOPS	10/01/46	23	3.2	3363	2630
DOPS	10/02/46	243	24	0	0
DOPS	10/03/46	250	24	0	0
DOPS	10/04/46	250	24	0	0
DOPS	10/05/46	250	24	0	0
DOPS	10/06/46	250	24	0	0
DOPS	10/07/46	250	24	0	0
DOPS	10/08/46	38	4.87	288	277
DOPS	10/09/46	247	24	0	0
DOPS	10/10/46	250	24	0	0
DOPS	10/11/46	250	24	0	0
DOPS	10/12/46	250	24	0	0
DOPS	10/13/46	250	24	0	0
DOPS	10/14/46	172	16.5	0	0
DOPS	10/15/46	74	8.9	3144	2508
DOPS	10/16/46	249	24	0	0
DOPS	10/17/46	246	23.85	0	0
DOPS	10/18/46	250	24	0	0
DOPS	10/19/46	250	24	0	0
DOPS	10/20/46	250	24	0	0
DOPS	10/21/46	34	3.25	192	132
DOPS	10/22/46	0	0	0	0
DOPS	10/23/46	0	0	0	0
DOPS	10/24/46	1	1.3	1568	1291
DOPS	10/25/46	67	24	0	0
DOPS	10/26/46	191	20.75	0	0
DOPS	10/27/46	250	24	0	0
DOPS	10/28/46	250	24	0	0
DOPS	10/29/46	250	24	0	0
DOPS	10/30/46	250	24	0	0
DOPS	10/31/46	250	24	0	0
DOPS	11/01/46	244	24	0	0
DOPS	11/02/46	250	24	0	0
DOPS	11/03/46	250	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	11/04/46	247	23.8	0	0
DOPS	11/05/46	37	3.83	3360	2585
DOPS	11/06/46	219	21.9	0	0
DOPS	11/07/46	250	24	0	0
DOPS	11/08/46	250	24	0	0
DOPS	11/09/46	250	24	0	0
DOPS	11/10/46	250	24	0	0
DOPS	11/11/46	250	24	0	0
DOPS	11/12/46	250	24	0	0
DOPS	11/13/46	250	24	0	0
DOPS	11/14/46	250	24	0	0
DOPS	11/15/46	250	24	0	0
DOPS	11/16/46	250	24	0	0
DOPS	11/17/46	250	24	0	0
DOPS	11/18/46	250	24	0	0
DOPS	11/19/46	250	24	0	0
DOPS	11/20/46	250	24	0	0
DOPS	11/21/46	250	24	0	0
DOPS	11/22/46	250	24	0	0
DOPS	11/23/46	250	24	0	0
DOPS	11/24/46	250	24	0	0
DOPS	11/25/46	250	24	0	0
DOPS	11/26/46	14.3	1.75	3424	2758
DOPS	11/27/46	238	23.9	0	0
DOPS	11/28/46	250	24	0	0
DOPS	11/29/46	246.2	23.82	0	0
DOPS	11/30/46	250	24	0	0
DOPS	12/01/46	250	24	0	0
DOPS	12/02/46	250	24	0	0
DOPS	12/03/46	56.4	5.83	3368	2613
DOPS	12/04/46	205	20.78	0	0
DOPS	12/05/46	250	24	0	0
DOPS	12/06/46	250	24	0	0
DOPS	12/07/46	250	24	0	0
DOPS	12/08/46	250	24	0	0
DOPS	12/09/46	250	24	0	0
DOPS	12/10/46	244	23.45	0	0
DOPS	12/11/46	250	24	0	0
DOPS	12/12/46	250	24	0	0
DOPS	12/13/46	250	24	0	0
DOPS	12/14/46	250	24	0	0
DOPS	12/15/46	250	24	0	0
DOPS	12/16/46	250	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	12/17/46	25	3.1	3361	2679
DOPS	12/18/46	245	24	0	0
DOPS	12/19/46	250	24	0	0
DOPS	12/20/46	250	24	0	0
DOPS	12/21/46	250	24	0	0
DOPS	12/22/46	250	24	0	0
DOPS	12/23/46	250	24	0	0
DOPS	12/24/46	250	24	0	0
DOPS	12/25/46	250	24	0	0
DOPS	12/26/46	250	24	0	0
DOPS	12/27/46	231	24	0	0
DOPS	12/28/46	250	24	0	0
DOPS	12/29/46	250	24	0	0
DOPS	12/30/46	250	24	0	0
DOPS	12/31/46	250	24	0	0
DOPS	01/01/47	250	24	0	0
DOPS	01/02/47	49	5.77	3456	2910
DOPS	01/03/47	250	24	0	0
DOPS	01/04/47	250	24	0	0
DOPS	01/05/47	250	24	0	0
DOPS	01/06/47	250	24	0	0
DOPS	01/07/47	39.2	3.83	2822	2355
DOPS	01/08/47	239	22.92	0	0
DOPS	01/09/47	250	24	0	0
DOPS	01/10/47	250	24	0	0
DOPS	01/11/47	250	24	0	0
DOPS	01/12/47	250	24	0	0
DOPS	01/13/47	250	24	0	0
DOPS	01/14/47	35	3.8	3456	2819
DOPS	01/15/47	219	22.6	0	0
DOPS	01/16/47	250	24	0	0
DOPS	01/17/47	250	24	0	0
DOPS	01/18/47	250	24	0	0
DOPS	01/19/47	250	24	0	0
DOPS	01/20/47	250	24	0	0
DOPS	01/21/47	66.9	6.4	2416	1877
DOPS	01/22/47	248.5	24	0	0
DOPS	01/23/47	250	24	0	0
DOPS	01/24/47	250	24	0	0
DOPS	01/25/47	250	24	0	0
DOPS	01/26/47	250	24	0	0
DOPS	01/27/47	250	24	0	0
DOPS	01/28/47	250	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	01/29/47	250	24	0	0
DOPS	01/30/47	250	24	0	0
DOPS	01/31/47	250	24	0	0
DOPS	02/01/47	250	24	0	0
DOPS	02/02/47	250	24	0	0
DOPS	02/03/47	250	24	0	0
DOPS	02/04/47	39	3.45	3232	2645
DOPS	02/05/47	188.3	22.25	0	0
DOPS	02/06/47	250	24	0	0
DOPS	02/07/47	250	24	0	0
DOPS	02/08/47	250	24	0	0
DOPS	02/09/47	250	24	0	0
DOPS	02/10/47	250	24	0	0
DOPS	02/11/47	29	2.75	3360	2667
DOPS	02/12/47	218	23.4	0	0
DOPS	02/13/47	250	24	0	0
DOPS	02/14/47	250	24	0	0
DOPS	02/15/47	250	24	0	0
DOPS	02/16/47	250	24	0	0
DOPS	02/17/47	250	24	0	0
DOPS	02/18/47	250	24	0	0
DOPS	02/19/47	250	24	0	0
DOPS	02/20/47	250	24	0	0
DOPS	02/21/47	250	24	0	0
DOPS	02/22/47	250	24	0	0
DOPS	02/23/47	250	24	0	0
DOPS	02/24/47	250	24	0	0
DOPS	02/25/47	35.6	3.83	2656	2238
DOPS	02/26/47	216.8	22.08	0	0
DOPS	02/27/47	250	24	0	0
DOPS	02/28/47	250	24	0	0
DOPS	03/01/47	250	24	0	0
DOPS	03/02/47	250	24	0	0
DOPS	03/03/47	250	24	0	0
DOPS	03/04/47	250	24	0	0
DOPS	03/05/47	250	24	0	0
DOPS	03/06/47	250	24	0	0
DOPS	03/07/47	244	24	0	0
DOPS	03/08/47	243	23.75	0	0
DOPS	03/09/47	20	2.45	3360	2750
DOPS	03/10/47	244	24	0	0
DOPS	03/11/47	250	24	0	0
DOPS	03/12/47	250	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	03/13/47	250	24	0	0
DOPS	03/14/47	250	24	0	0
DOPS	03/15/47	243.4	23.75	0	0
DOPS	03/16/47	16.3	2.37	3392	2707
DOPS	03/17/47	245	24	0	0
DOPS	03/18/47	250	24	0	0
DOPS	03/19/47	250	24	0	0
DOPS	03/20/47	250	24	0	0
DOPS	03/21/47	250	24	0	0
DOPS	03/22/47	243.5	23.75	0	0
DOPS	03/23/47	60	6.43	3328	2617
DOPS	03/24/47	250	24	0	0
DOPS	03/25/47	250	24	0	0
DOPS	03/26/47	250	24	0	0
DOPS	03/27/47	250	24	0	0
DOPS	03/28/47	250	24	0	0
DOPS	03/29/47	250	24	0	0
DOPS	03/30/47	250	24	0	0
DOPS	03/31/47	250	24	0	0
DOPS	04/01/47	237.4	24	0	0
DOPS	04/02/47	246	24	0	0
DOPS	04/03/47	246.6	24	0	0
DOPS	04/04/47	250	24	0	0
DOPS	04/05/47	243.5	23.75	0	0
DOPS	04/06/47	4.4	1.03	2516	2055
DOPS	04/07/47	247.8	24	0	0
DOPS	04/08/47	250	24	0	0
DOPS	04/09/47	250	24	0	0
DOPS	04/10/47	250	24	0	0
DOPS	04/11/47	250	24	0	0
DOPS	04/12/47	250	24	0	0
DOPS	04/13/47	250	24	0	0
DOPS	04/14/47	155.6	15.8	0	0
DOPS	04/15/47	78.2	8.9	3344	2661
DOPS	04/16/47	250	24	0	0
DOPS	04/17/47	250	24	0	0
DOPS	04/18/47	250	24	0	0
DOPS	04/19/47	250	24	0	0
DOPS	04/20/47	250	24	0	0
DOPS	04/21/47	250	24	0	0
DOPS	04/22/47	250	24	0	0
DOPS	04/23/47	250	24	0	0
DOPS	04/24/47	250	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	04/25/47	250	24	0	0
DOPS	04/26/47	250	24	0	0
DOPS	04/27/47	239.6	23	0	0
DOPS	04/28/47	250	24	0	0
DOPS	04/29/47	39.3	4.7	2576	2038
DOPS	04/30/47	250	24	0	0
DOPS	05/01/47	250	24	0	0
DOPS	05/02/47	250	24	0	0
DOPS	05/03/47	250	24	0	0
DOPS	05/04/47	250	24	0	0
DOPS	05/05/47	250	24	0	0
DOPS	05/06/47	49.3	5.92	2496	1955
DOPS	05/07/47	246.4	24	0	0
DOPS	05/08/47	250	24	0	0
DOPS	05/09/47	250	24	0	0
DOPS	05/10/47	250	24	0	0
DOPS	05/11/47	250	24	0	0
DOPS	05/12/47	250	24	0	0
DOPS	05/13/47	23.9	2.8	2528	2023
DOPS	05/14/47	237.9	24	0	0
DOPS	05/15/47	250	24	0	0
DOPS	05/16/47	250	24	0	0
DOPS	05/17/47	250	24	0	0
DOPS	05/18/47	250	24	0	0
DOPS	05/19/47	250	24	0	0
DOPS	05/20/47	250	24	0	0
DOPS	05/21/47	250	24	0	0
DOPS	05/22/47	250	24	0	0
DOPS	05/23/47	250	24	0	0
DOPS	05/24/47	250	24	0	0
DOPS	05/25/47	250	24	0	0
DOPS	05/26/47	250	24	0	0
DOPS	05/27/47	66.8	6.75	2752	2225
DOPS	05/28/47	191.1	19.5	0	0
DOPS	05/29/47	250	24	0	0
DOPS	05/30/47	250	24	0	0
DOPS	05/31/47	250	24	0	0
DOPS	06/01/47	250	24	0	0
DOPS	06/02/47	250	24	0	0
DOPS	06/03/47	25.1	2.75	2480	1939
DOPS	06/04/47	198.3	20.88	0	0
DOPS	06/05/47	250	24	0	0
DOPS	06/06/47	250	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	06/07/47	250	24	0	0
DOPS	06/08/47	250	24	0	0
DOPS	06/09/47	250	24	0	0
DOPS	06/10/47	250	24	0	0
DOPS	06/11/47	250	24	0	0
DOPS	06/12/47	238.7	24	0	0
DOPS	06/13/47	254.5	24	0	0
DOPS	06/14/47	254.5	24	0	0
DOPS	06/15/47	251.5	24	0	0
DOPS	06/16/47	250	24	0	0
DOPS	06/17/47	15	2.3	2401	1971
DOPS	06/18/47	240	24	0	0
DOPS	06/19/47	250	24	0	0
DOPS	06/20/47	250	24	0	0
DOPS	06/21/47	250	24	0	0
DOPS	06/22/47	250	24	0	0
DOPS	06/23/47	250	24	0	0
DOPS	06/24/47	14.7	2.3	2528	1998
DOPS	06/25/47	241.4	24	0	0
DOPS	06/26/47	150	14.8	0	0
DOPS	06/27/47	188	18.93	0	0
DOPS	06/28/47	250	24	0	0
DOPS	06/29/47	250	24	0	0
DOPS	06/30/47	250	24	0	0
DOPS	07/01/47	12	2.28	3328	2605
DOPS	07/02/47	245	24	0	0
DOPS	07/03/47	249.3	24	0	0
DOPS	07/04/47	248.3	23.83	0	0
DOPS	07/05/47	250	24	0	0
DOPS	07/06/47	250	24	0	0
DOPS	07/07/47	250	24	0	0
DOPS	07/08/47	27.9	3.8	2528	1943
DOPS	07/09/47	245.4	24	0	0
DOPS	07/10/47	250	24	0	0
DOPS	07/11/47	250	24	0	0
DOPS	07/12/47	250	24	0	0
DOPS	07/13/47	250	24	0	0
DOPS	07/14/47	250	24	0	0
DOPS	07/15/47	250	24	0	0
DOPS	07/16/47	250	24	0	0
DOPS	07/17/47	250	24	0	0
DOPS	07/18/47	250	24	0	0
DOPS	07/19/47	250	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	07/20/47	250	24	0	0
DOPS	07/21/47	250	24	0	0
DOPS	07/22/47	10	1.5	2528	2016
DOPS	07/23/47	232	24	0	0
DOPS	07/24/47	249	24	0	0
DOPS	07/25/47	250	24	0	0
DOPS	07/26/47	250	24	0	0
DOPS	07/27/47	250	24	0	0
DOPS	07/28/47	250	24	0	0
DOPS	07/29/47	14	2.3	864	681
DOPS	07/30/47	242	24	0	0
DOPS	07/31/47	249.6	24	0	0
DOPS	08/01/47	250	24	0	0
DOPS	08/02/47	250	24	0	0
DOPS	08/03/47	250	24	0	0
DOPS	08/04/47	250	24	0	0
DOPS	08/05/47	10	1.4	3328	2644
DOPS	08/06/47	232	24	0	0
DOPS	08/07/47	249	24	0	0
DOPS	08/08/47	250	24	0	0
DOPS	08/09/47	250	24	0	0
DOPS	08/10/47	250	24	0	0
DOPS	08/11/47	250	24	0	0
DOPS	08/12/47	10	1.4	3360	2640
DOPS	08/13/47	236	24	0	0
DOPS	08/14/47	248	24	0	0
DOPS	08/15/47	250	24	0	0
DOPS	08/16/47	250	24	0	0
DOPS	08/17/47	250	24	0	0
DOPS	08/18/47	250	24	0	0
DOPS	08/19/47	30	3.25	32	25
DOPS	08/20/47	213	21.9	0	0
DOPS	08/21/47	250	24	0	0
DOPS	08/22/47	250	24	0	0
DOPS	08/23/47	250	24	0	0
DOPS	08/24/47	250	24	0	0
DOPS	08/25/47	250	24	0	0
DOPS	08/26/47	10	1.25	3360	2659
DOPS	08/27/47	216	23.1	0	0
DOPS	08/28/47	250	24	0	0
DOPS	08/29/47	247	23.8	0	0
DOPS	08/30/47	250	24	0	0
DOPS	08/31/47	250	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	09/01/47	250	24	0	0
DOPS	09/02/47	39	4.25	32	13
DOPS	09/03/47	213	21.7	0	0
DOPS	09/04/47	249.6	24	0	0
DOPS	09/05/47	250	24	0	0
DOPS	09/06/47	250	24	0	0
DOPS	09/07/47	250	24	0	0
DOPS	09/08/47	250	24	0	0
DOPS	09/09/47	10	1.25	3424	2713
DOPS	09/10/47	228	23.6	0	0
DOPS	09/11/47	250	24	0	0
DOPS	09/12/47	250	24	0	0
DOPS	09/13/47	250	24	0	0
DOPS	09/14/47	246	23.75	0	0
DOPS	09/15/47	250	24	0	0
DOPS	09/16/47	10	1.25	2400	1816
DOPS	09/17/47	221	23	0	0
DOPS	09/18/47	250	24	0	0
DOPS	09/19/47	250	24	0	0
DOPS	09/20/47	250	24	0	0
DOPS	09/21/47	244	24	0	0
DOPS	09/22/47	250	24	0	0
DOPS	09/23/47	30	3.25	864	686
DOPS	09/24/47	226	22.6	0	0
DOPS	09/25/47	250	24	0	0
DOPS	09/26/47	250	24	0	0
DOPS	09/27/47	250	24	0	0
DOPS	09/28/47	260	25	0	0
DOPS	09/29/47	250	24	0	0
DOPS	09/30/47	10	1.25	2496	1940
DOPS	10/01/47	235	24	0	0
DOPS	10/02/47	249.6	24	0	0
DOPS	10/03/47	250	24	0	0
DOPS	10/04/47	250	24	0	0
DOPS	10/05/47	250	24	0	0
DOPS	10/06/47	250	24	0	0
DOPS	10/07/47	10	1.25	2528	1968
DOPS	10/08/47	224	23	0	0
DOPS	10/09/47	250	24	0	0
DOPS	10/10/47	250	24	0	0
DOPS	10/11/47	250	24	0	0
DOPS	10/12/47	250	24	0	0
DOPS	10/13/47	250	24	0	0

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	10/14/47	10	1.25	0	0
DOPS	10/15/47	220	22.3	0	0
DOPS	10/16/47	250	24	0	0
DOPS	10/17/47	250	24	0	0
DOPS	10/18/47	250	24	0	0
DOPS	10/19/47	250	24	0	0
DOPS	10/20/47	250	24	0	0
DOPS	10/21/47	10	1.4	2528	1982
DOPS	10/22/47	244	24	0	0
DOPS	10/23/47	264	24	0	0
DOPS	10/24/47	275	24	0	0
DOPS	10/25/47	275	24	0	0
DOPS	10/26/47	275	24	0	0
DOPS	10/27/47	275	24	0	0
DOPS	10/28/47	12	2.3	2528	1966
DOPS	10/29/47	264	24	0	0
DOPS	10/30/47	275	24	0	0
DOPS	10/31/47	275	24	0	0
DOPS	11/01/47	275	24	0	0
DOPS	11/02/47	270	23.8	0	0
DOPS	11/03/47	0	0	224	175
DOPS	11/04/47	0	0	0	0
DOPS	11/05/47	0	0	0	0
DOPS	11/06/47	0	0	0	0
DOPS	11/07/47	0	0	0	0
DOPS	11/08/47	0	0	1824	1703
DOPS	11/09/47	71	8.3	0	0
DOPS	11/10/47	214	21.1	0	0
DOPS	11/11/47	275	24	0	0
DOPS	11/12/47	275	24	0	0
DOPS	11/13/47	275	24	0	0
DOPS	11/14/47	275	24	0	0
DOPS	11/15/47	275	24	0	0
DOPS	11/16/47	275	24	0	0
DOPS	11/17/47	263	23.3	0	0
DOPS	11/18/47	19	2.35	2495	1896
DOPS	11/19/47	275	24	0	0
DOPS	11/20/47	275	24	0	0
DOPS	11/21/47	275	24	0	0
DOPS	11/22/47	275	24	0	0
DOPS	11/23/47	275	24	0	0
DOPS	11/24/47	263	23.3	0	0
DOPS	11/25/47	14	1.6	2432	1878

TABLE 2.2. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
DOPS	11/26/47	274	24	0	0
DOPS	11/27/47	275	24	0	0
DOPS	11/28/47	275	24	0	0
DOPS	11/29/47	275	24	0	0
DOPS	11/30/47	275	24	0	0
DOPS	12/01/47	275	24	0	0
DOPS	12/02/47	275	24	0	0
DOPS	12/03/47	275	24	0	0
DOPS	12/04/47	275	24	0	0
DOPS	12/05/47	275	24	0	0
DOPS	12/06/47	275	24	0	0
DOPS	12/07/47	275	24	0	0
DOPS	12/08/47	79	8.3	1664	1313
DOPS	12/09/47	275	24	0	0
DOPS	12/10/47	275	24	0	0
DOPS	12/11/47	275	24	0	0
DOPS	12/12/47	267	24	0	0
DOPS	12/13/47	276	24	0	0
DOPS	12/14/47	275	24	0	0
DOPS	12/15/47	60	5.67	256	200
DOPS	12/16/47	0	0	0	0
DOPS	12/17/47	0	0	0	0
DOPS	12/18/47	0	0	0	0
DOPS	12/19/47	0	0	0	0
DOPS	12/20/47	0	0	0	0
DOPS	12/21/47	0	0	3104	2465
DOPS	12/22/47	0	0	0	0
DOPS	12/23/47	0	0	0	0
DOPS	12/24/47	180	18.6	0	0
DOPS	12/25/47	272	24	0	0
DOPS	12/26/47	275	24	0	0
DOPS	12/27/47	275	24	0	0
DOPS	12/28/47	275	24	0	0
DOPS	12/29/47	275	24	0	0
DOPS	12/30/47	275	24	0	0
DOPS	12/31/47	275	24	0	0

TABLE 2.3. F Reactor Operating Data

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	02/24/45	0	0	0	0
FOPS	02/25/45	14.7	7	0	0
FOPS	02/26/45	102.2	23.3	0	0
FOPS	02/27/45	107.8	19	0	0
FOPS	02/28/45	167.7	23	0	0
FOPS	03/01/45	185.1	24	0	0
FOPS	03/02/45	191.1	24	0	0
FOPS	03/03/45	191.5	24	0	0
FOPS	03/04/45	191.3	24	0	0
FOPS	03/05/45	191.4	24	0	0
FOPS	03/06/45	137.4	16	0	0
FOPS	03/07/45	225.1	24	0	0
FOPS	03/08/45	236	24	0	0
FOPS	03/09/45	241.1	23.6	0	0
FOPS	03/10/45	232.1	22.7	0	0
FOPS	03/11/45	240	24	0	0
FOPS	03/12/45	240	24	0	0
FOPS	03/13/45	185.6	24	0	0
FOPS	03/14/45	240	24	0	0
FOPS	03/15/45	235	23.5	0	0
FOPS	03/16/45	240	24	0	0
FOPS	03/17/45	242.6	24	0	0
FOPS	03/18/45	245	24	0	0
FOPS	03/19/45	247.5	24	0	0
FOPS	03/20/45	250	24	0	0
FOPS	03/21/45	250	24	0	0
FOPS	03/22/45	250	24	0	0
FOPS	03/23/45	93.6	8.13	0	0
FOPS	03/24/45	234.3	24	0	0
FOPS	03/25/45	248.6	24	0	0
FOPS	03/26/45	249.9	24	0	0
FOPS	03/27/45	250	24	0	0
FOPS	03/28/45	250	24	0	0
FOPS	03/29/45	250	24	0	0
FOPS	03/30/45	250	24	0	0
FOPS	03/31/45	250	24	0	0
FOPS	04/01/45	250	24	0	0
FOPS	04/02/45	250	24	0	0
FOPS	04/03/45	250	24	0	0
FOPS	04/04/45	250	24	0	0
FOPS	04/05/45	250	24	0	0
FOPS	04/06/45	250	24	0	0
FOPS	04/07/45	250	24	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	04/08/45	250	24	0	0
FOPS	04/09/45	250	24	0	0
FOPS	04/10/45	250	24	0	0
FOPS	04/11/45	250	24	0	0
FOPS	04/12/45	250	24	0	0
FOPS	04/13/45	250	24	0	0
FOPS	04/14/45	250	24	0	0
FOPS	04/15/45	250	24	0	0
FOPS	04/16/45	250	24	0	0
FOPS	04/17/45	250	24	0	0
FOPS	04/18/45	250	24	0	0
FOPS	04/19/45	250	24	0	0
FOPS	04/20/45	250	24	0	0
FOPS	04/21/45	250	24	0	0
FOPS	04/22/45	250	24	0	0
FOPS	04/23/45	250	24	0	0
FOPS	04/24/45	250	24	0	0
FOPS	04/25/45	250	24	0	0
FOPS	04/26/45	250	24	0	0
FOPS	04/27/45	250	24	0	0
FOPS	04/28/45	250	24	0	0
FOPS	04/29/45	250	24	0	0
FOPS	04/30/45	250	24	0	0
FOPS	05/01/45	250	24	0	0
FOPS	05/02/45	250	24	0	0
FOPS	05/03/45	54.6	4.66	0	0
FOPS	05/04/45	250	24	0	0
FOPS	05/05/45	250	24	0	0
FOPS	05/06/45	250	24	0	0
FOPS	05/07/45	250	24	0	0
FOPS	05/08/45	250	24	0	0
FOPS	05/09/45	250	24	0	0
FOPS	05/10/45	250	24	0	0
FOPS	05/11/45	250	24	0	0
FOPS	05/12/45	250	24	0	0
FOPS	05/13/45	250	24	0	0
FOPS	05/14/45	250	24	0	0
FOPS	05/15/45	250	24	0	0
FOPS	05/16/45	250	24	0	0
FOPS	05/17/45	250	24	0	0
FOPS	05/18/45	250	24	0	0
FOPS	05/19/45	250	24	0	0
FOPS	05/20/45	87.5	8.4	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	05/21/45	218.8	22.5	0	0
FOPS	05/22/45	250	24	0	0
FOPS	05/23/45	161.4	15.5	0	0
FOPS	05/24/45	215.8	21.5	0	0
FOPS	05/25/45	250	24	0	0
FOPS	05/26/45	250	24	0	0
FOPS	05/27/45	250	24	0	0
FOPS	05/28/45	250	24	0	0
FOPS	05/29/45	250	24	0	0
FOPS	05/30/45	250	24	0	0
FOPS	05/31/45	250	24	0	0
FOPS	06/01/45	239.1	24	0	0
FOPS	06/02/45	250	24	0	0
FOPS	06/03/45	250	24	0	0
FOPS	06/04/45	250	24	0	0
FOPS	06/05/45	250	24	0	0
FOPS	06/06/45	247.1	23.7	0	0
FOPS	06/07/45	250	24	0	0
FOPS	06/08/45	250	24	0	0
FOPS	06/09/45	249.2	23.8	0	0
FOPS	06/10/45	250	24	0	0
FOPS	06/11/45	250	24	0	0
FOPS	06/12/45	239.1	24	0	0
FOPS	06/13/45	260	24	0	0
FOPS	06/14/45	265	24	0	0
FOPS	06/15/45	265	24	0	0
FOPS	06/16/45	70.5	7.1	0	0
FOPS	06/17/45	248.9	23.1	0	0
FOPS	06/18/45	265	24	0	0
FOPS	06/19/45	265	24	0	0
FOPS	06/20/45	265	24	0	0
FOPS	06/21/45	265	24	0	0
FOPS	06/22/45	265	24	0	0
FOPS	06/23/45	265	24	0	0
FOPS	06/24/45	265	24	0	0
FOPS	06/25/45	265	24	0	0
FOPS	06/26/45	265	24	0	0
FOPS	06/27/45	265	24	0	0
FOPS	06/28/45	265	24	0	0
FOPS	06/29/45	265	24	0	0
FOPS	06/30/45	265	24	0	0
FOPS	07/01/45	265	24	0	0
FOPS	07/02/45	265	24	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	07/03/45	265	24	0	0
FOPS	07/04/45	265	24	0	0
FOPS	07/05/45	265	24	0	0
FOPS	07/06/45	265	24	0	0
FOPS	07/07/45	265	24	0	0
FOPS	07/08/45	265	24	0	0
FOPS	07/09/45	265	24	0	0
FOPS	07/10/45	265	24	0	0
FOPS	07/11/45	265	24	0	0
FOPS	07/12/45	265	24	0	0
FOPS	07/13/45	265	24	0	0
FOPS	07/14/45	265	24	0	0
FOPS	07/15/45	265	24	0	0
FOPS	07/16/45	265	24	0	0
FOPS	07/17/45	265	24	0	0
FOPS	07/18/45	265	24	0	0
FOPS	07/19/45	265	24	0	0
FOPS	07/20/45	85.9	8.75	315	248.8
FOPS	07/21/45	265	24	0	0
FOPS	07/22/45	236.7	24	0	0
FOPS	07/23/45	265	24	0	0
FOPS	07/24/45	265	24	0	0
FOPS	07/25/45	265	24	0	0
FOPS	07/26/45	265	24	0	0
FOPS	07/27/45	79.5	6.75	2205	1898
FOPS	07/28/45	162.2	19.5	0	0
FOPS	07/29/45	258.3	24	0	0
FOPS	07/30/45	264.1	24	0	0
FOPS	07/31/45	265	24	0	0
FOPS	08/01/45	84.2	8.2	3150	2720.1
FOPS	08/02/45	243	24	0	0
FOPS	08/03/45	265	24	0	0
FOPS	08/04/45	265	24	0	0
FOPS	08/05/45	118.2	11.63	0	0
FOPS	08/06/45	263.2	24	0	0
FOPS	08/07/45	265	24	0	0
FOPS	08/08/45	265	24	0	0
FOPS	08/09/45	265	24	0	0
FOPS	08/10/45	265	24	0	0
FOPS	08/11/45	274.2	24	0	0
FOPS	08/12/45	280	24	0	0
FOPS	08/13/45	280	24	0	0
FOPS	08/14/45	280	24	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	08/15/45	280	24	0	0
FOPS	08/16/45	280	24	0	0
FOPS	08/17/45	84.8	8.5	2730	2580.8
FOPS	08/17/45	0	0	60	0
FOPS	08/18/45	262	24	0	0
FOPS	08/19/45	280	24	0	0
FOPS	08/20/45	280	24	0	0
FOPS	08/21/45	280	24	0	0
FOPS	08/22/45	280	24	0	0
FOPS	08/23/45	280	24	0	0
FOPS	08/24/45	98.1	9.5	3360	2500
FOPS	08/25/45	225	24	0	0
FOPS	08/26/45	225	24	0	0
FOPS	08/27/45	225	24	0	0
FOPS	08/28/45	225	24	0	0
FOPS	08/29/45	225	24	0	0
FOPS	08/30/45	225	24	0	0
FOPS	08/31/45	83.2	9.5	4200	3523.5
FOPS	09/01/45	225	24	0	0
FOPS	09/02/45	225	24	0	0
FOPS	09/03/45	225	24	0	0
FOPS	09/04/45	225	24	0	0
FOPS	09/05/45	225	24	0	0
FOPS	09/06/45	225	24	0	0
FOPS	09/07/45	87.2	11	2205	2004
FOPS	09/08/45	225	24	0	0
FOPS	09/09/45	225	24	0	0
FOPS	09/10/45	225	24	0	0
FOPS	09/11/45	225	24	0	0
FOPS	09/12/45	225	24	0	0
FOPS	09/13/45	225	24	0	0
FOPS	09/14/45	85	9	1995	1980.1
FOPS	09/15/45	191	21.25	0	0
FOPS	09/16/45	225	24	0	0
FOPS	09/17/45	225	24	0	0
FOPS	09/18/45	225	24	0	0
FOPS	09/19/45	225	24	0	0
FOPS	09/20/45	225	24	0	0
FOPS	09/21/45	225	24	0	0
FOPS	09/22/45	95.7	10.3	4200	3275.4
FOPS	09/23/45	225	24	0	0
FOPS	09/24/45	225	24	0	0
FOPS	09/25/45	225	24	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	09/26/45	225	24	0	0
FOPS	09/27/45	83.2	11	3360	2623.5
FOPS	09/28/45	225	24	0	0
FOPS	09/29/45	225	24	0	0
FOPS	09/30/45	234.4	25	0	0
FOPS	10/01/45	225	24	0	0
FOPS	10/02/45	225	24	0	0
FOPS	10/03/45	225	24	0	0
FOPS	10/04/45	225	24	0	0
FOPS	10/05/45	225	24	0	0
FOPS	10/06/45	225	24	0	0
FOPS	10/07/45	225	24	0	0
FOPS	10/08/45	225	24	0	0
FOPS	10/09/45	220	24	0	0
FOPS	10/10/45	225	24	0	0
FOPS	10/11/45	67	7.1	2870	3256.2
FOPS	10/12/45	216.7	22.75	0	0
FOPS	10/13/45	225	24	0	0
FOPS	10/14/45	225	24	0	0
FOPS	10/15/45	225	24	0	0
FOPS	10/16/45	83.5	8.75	3360	2603.7
FOPS	10/17/45	225	24	0	0
FOPS	10/18/45	225	24	0	0
FOPS	10/19/45	225	24	0	0
FOPS	10/20/45	225	24	0	0
FOPS	10/21/45	225	24	0	0
FOPS	10/22/45	225	24	0	0
FOPS	10/23/45	225	24	0	0
FOPS	10/24/45	225	24	0	0
FOPS	10/25/45	225	24	0	0
FOPS	10/26/45	225	24	0	0
FOPS	10/27/45	225	24	0	0
FOPS	10/28/45	225	24	0	0
FOPS	10/29/45	225	24	0	0
FOPS	10/30/45	225	24	0	0
FOPS	10/31/45	225	24	0	0
FOPS	11/01/45	72.2	9.07	3010	3672.5
FOPS	11/02/45	225	24	0	0
FOPS	11/03/45	225	24	0	0
FOPS	11/04/45	225	24	0	0
FOPS	11/05/45	225	24	0	0
FOPS	11/06/45	225	24	0	0
FOPS	11/07/45	220.3	23.7	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	11/08/45	63	6.4	2590	2056.5
FOPS	11/09/45	225	24	0	0
FOPS	11/10/45	225	24	0	0
FOPS	11/11/45	225	24	0	0
FOPS	11/12/45	225	24	0	0
FOPS	11/13/45	225	24	0	0
FOPS	11/14/45	225	24	0	0
FOPS	11/15/45	225	24	0	0
FOPS	11/16/45	225	24	0	0
FOPS	11/17/45	225	24	0	0
FOPS	11/18/45	225	24	0	0
FOPS	11/19/45	225	24	0	0
FOPS	11/20/45	225	24	0	0
FOPS	11/21/45	77.7	9.3	2765	3550
FOPS	11/22/45	225	24	0	0
FOPS	11/23/45	225	24	0	0
FOPS	11/24/45	225	24	0	0
FOPS	11/25/45	225	24	0	0
FOPS	11/26/45	225	24	0	0
FOPS	11/27/45	225	24	0	0
FOPS	11/28/45	225	24	0	0
FOPS	11/29/45	89.2	8.67	3360	2601.9
FOPS	11/30/45	225	24	0	0
FOPS	12/01/45	225	24	0	0
FOPS	12/02/45	225	24	0	0
FOPS	12/03/45	225	24	0	0
FOPS	12/04/45	225	24	0	0
FOPS	12/05/45	225	24	0	0
FOPS	12/06/45	225	24	0	0
FOPS	12/07/45	225	24	0	0
FOPS	12/08/45	225	24	0	0
FOPS	12/09/45	225	24	0	0
FOPS	12/10/45	225	24	0	0
FOPS	12/11/45	225	24	0	0
FOPS	12/12/45	225	24	0	0
FOPS	12/13/45	225	24	0	0
FOPS	12/14/45	66.8	8	0	0
FOPS	12/15/45	225	24	0	0
FOPS	12/16/45	225	24	0	0
FOPS	12/17/45	225	24	0	0
FOPS	12/18/45	225	24	0	0
FOPS	12/19/45	239.8	24	0	0
FOPS	12/20/45	250	24	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	12/21/45	250	24	0	0
FOPS	12/22/45	250	24	0	0
FOPS	12/23/45	250	24	0	0
FOPS	12/24/45	250	24	0	0
FOPS	12/25/45	250	24	0	0
FOPS	12/26/45	250	24	0	0
FOPS	12/27/45	98	8	2520	1950
FOPS	12/28/45	250	24	0	0
FOPS	12/29/45	250	24	0	0
FOPS	12/30/45	250	24	0	0
FOPS	12/31/45	250	24	0	0
FOPS	01/01/46	235	24	0	0
FOPS	01/02/46	225	24	0	0
FOPS	01/03/46	84	8.83	4179	3134
FOPS	01/04/46	225	24	0	0
FOPS	01/05/46	225	24	0	0
FOPS	01/06/46	225	24	0	0
FOPS	01/07/46	225	24	0	0
FOPS	01/08/46	225	24	0	0
FOPS	01/09/46	225	24	0	0
FOPS	01/10/46	225	24	0	0
FOPS	01/11/46	225	24	0	0
FOPS	01/12/46	225	24	0	0
FOPS	01/13/46	225	24	0	0
FOPS	01/14/46	225	24	0	0
FOPS	01/15/46	225	24	0	0
FOPS	01/16/46	225	24	0	0
FOPS	01/17/46	220	24	0	0
FOPS	01/18/46	225	24	0	0
FOPS	01/19/46	225	24	0	0
FOPS	01/20/46	62	7	3514	2807
FOPS	01/21/46	0	0	0	0
FOPS	01/22/46	0	0	35	16
FOPS	01/23/46	8	0.25	0	0
FOPS	01/24/46	193	20	0	0
FOPS	01/25/46	225	24	0	0
FOPS	01/26/46	225	24	0	0
FOPS	01/27/46	225	24	0	0
FOPS	01/28/46	225	24	0	0
FOPS	01/29/46	225	24	0	0
FOPS	01/30/46	225	24	0	0
FOPS	01/31/46	225	24	0	0
FOPS	02/01/46	225	24	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	02/02/46	225	24	0	0
FOPS	02/03/46	225	24	0	0
FOPS	02/04/46	225	24	0	0
FOPS	02/05/46	225	24	0	0
FOPS	02/06/46	225	24	0	0
FOPS	02/07/46	60	6.6	4192	3217
FOPS	02/08/46	201	22.6	0	0
FOPS	02/09/46	225	24	0	0
FOPS	02/10/46	225	24	0	0
FOPS	02/11/46	225	24	0	0
FOPS	02/12/46	225	24	0	0
FOPS	02/13/46	225	24	0	0
FOPS	02/14/46	225	24	0	0
FOPS	02/15/46	225	24	0	0
FOPS	02/16/46	225	24	0	0
FOPS	02/17/46	225	24	0	0
FOPS	02/18/46	225	24	0	0
FOPS	02/19/46	225	24	0	0
FOPS	02/20/46	225	24	0	0
FOPS	02/21/46	68	7.3	3348	2532
FOPS	02/22/46	225	24	0	0
FOPS	02/23/46	225	24	0	0
FOPS	02/24/46	225	24	0	0
FOPS	02/25/46	225	24	0	0
FOPS	02/26/46	225	24	0	0
FOPS	02/27/46	225	24	0	0
FOPS	02/28/46	225	24	0	0
FOPS	03/01/46	225	24	0	0
FOPS	03/02/46	225	24	0	0
FOPS	03/03/46	225	24	0	0
FOPS	03/04/46	225	24	0	0
FOPS	03/05/46	50	5.4	4192	3350
FOPS	03/06/46	199	20.8	0	0
FOPS	03/07/46	225	24	0	0
FOPS	03/08/46	225	24	0	0
FOPS	03/09/46	225	24	0	0
FOPS	03/10/46	225	24	0	0
FOPS	03/11/46	213	23.3	0	0
FOPS	03/12/46	225	24	0	0
FOPS	03/13/46	225	24	0	0
FOPS	03/14/46	225	24	0	0
FOPS	03/15/46	210	24	0	0
FOPS	03/16/46	200	24	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	03/17/46	200	24	0	0
FOPS	03/18/46	200	24	0	0
FOPS	03/19/46	200	24	0	0
FOPS	03/20/46	200	24	0	0
FOPS	03/21/46	61	7.6	4192	3411
FOPS	03/22/46	191	23.6	0	0
FOPS	03/23/46	200	24	0	0
FOPS	03/24/46	200	24	0	0
FOPS	03/25/46	200	24	0	0
FOPS	03/26/46	200	24	0	0
FOPS	03/27/46	200	24	0	0
FOPS	03/28/46	200	24	0	0
FOPS	03/29/46	200	24	0	0
FOPS	03/30/46	200	24	0	0
FOPS	03/31/46	200	24	0	0
FOPS	04/01/46	200	24	0	0
FOPS	04/02/46	72	9.7	2536	2062
FOPS	04/03/46	200	24	0	0
FOPS	04/04/46	200	24	0	0
FOPS	04/05/46	200	24	0	0
FOPS	04/06/46	200	24	0	0
FOPS	04/07/46	192	23	0	0
FOPS	04/08/46	200	24	0	0
FOPS	04/09/46	200	24	0	0
FOPS	04/10/46	200	24	0	0
FOPS	04/11/46	72	9.75	2536	2037
FOPS	04/12/46	200	24	0	0
FOPS	04/13/46	195	23.23	0	0
FOPS	04/14/46	200	24	0	0
FOPS	04/15/46	200	24	0	0
FOPS	04/16/46	200	24	0	0
FOPS	04/17/46	200	24	0	0
FOPS	04/18/46	62	8.27	2528	1994
FOPS	04/19/46	200	24	0	0
FOPS	04/20/46	200	24	0	0
FOPS	04/21/46	200	24	0	0
FOPS	04/22/46	200	24	0	0
FOPS	04/23/46	200	24	0	0
FOPS	04/24/46	200	24	0	0
FOPS	04/25/46	196	23.6	0	0
FOPS	04/26/46	200	24	0	0
FOPS	04/27/46	200	24	0	0
FOPS	04/28/46	200	24	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	04/29/46	200	24	0	0
FOPS	04/30/46	200	24	0	0
FOPS	05/01/46	200	24	0	0
FOPS	05/02/46	86	11.2	1668	1356
FOPS	05/03/46	200	24	0	0
FOPS	05/04/46	200	24	0	0
FOPS	05/05/46	200	24	0	0
FOPS	05/06/46	200	24	0	0
FOPS	05/07/46	200	24	0	0
FOPS	05/08/46	200	24	0	0
FOPS	05/09/46	55	7.3	1668	1384
FOPS	05/10/46	200	24	0	0
FOPS	05/11/46	200	24	0	0
FOPS	05/12/46	200	24	0	0
FOPS	05/13/46	200	24	0	0
FOPS	05/14/46	200	24	0	0
FOPS	05/15/46	62	8.19	1668	1358
FOPS	05/16/46	200	24	0	0
FOPS	05/17/46	195	23.4	0	0
FOPS	05/18/46	200	24	0	0
FOPS	05/19/46	200	24	0	0
FOPS	05/20/46	200	24	0	0
FOPS	05/21/46	40	4.76	1696	1395
FOPS	05/22/46	183	21.9	0	0
FOPS	05/23/46	200	24	0	0
FOPS	05/24/46	200	24	0	0
FOPS	05/25/46	200	24	0	0
FOPS	05/26/46	200	24	0	0
FOPS	05/27/46	195	24	0	0
FOPS	05/28/46	200	24	0	0
FOPS	05/29/46	24	3.2	1674	1351
FOPS	05/30/46	191	23.3	0	0
FOPS	05/31/46	200	24	0	0
FOPS	06/01/46	200	24	0	0
FOPS	06/02/46	200	24	0	0
FOPS	06/03/46	200	24	0	0
FOPS	06/04/46	200	24	0	0
FOPS	06/05/46	28	4	2515	2042
FOPS	06/06/46	200	24	0	0
FOPS	06/07/46	200	24	0	0
FOPS	06/08/46	200	24	0	0
FOPS	06/09/46	200	24	0	0
FOPS	06/10/46	200	24	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	06/11/46	200	24	0	0
FOPS	06/12/46	90	11.9	0	0
FOPS	06/13/46	200	24	0	0
FOPS	06/14/46	200	24	0	0
FOPS	06/15/46	200	24	0	0
FOPS	06/16/46	200	24	0	0
FOPS	06/17/46	200	24	0	0
FOPS	06/18/46	200	24	0	0
FOPS	06/19/46	200	24	0	0
FOPS	06/20/46	78	9.3	1671	1321
FOPS	06/21/46	200	24	0	0
FOPS	06/22/46	200	24	0	0
FOPS	06/23/46	200	24	0	0
FOPS	06/24/46	200	24	0	0
FOPS	06/25/46	200	24	0	0
FOPS	06/26/46	95	11.75	856	666
FOPS	06/27/46	200	24	0	0
FOPS	06/28/46	200	24	0	0
FOPS	06/29/46	200	24	0	0
FOPS	06/30/46	200	24	0	0
FOPS	07/01/46	200	24	0	0
FOPS	07/02/46	200	24	0	0
FOPS	07/03/46	96	12.45	873	676
FOPS	07/04/46	200	24	0	0
FOPS	07/05/46	200	24	0	0
FOPS	07/06/46	200	24	0	0
FOPS	07/07/46	200	24	0	0
FOPS	07/08/46	200	24	0	0
FOPS	07/09/46	200	24	0	0
FOPS	07/10/46	99	12.5	1672	1331
FOPS	07/11/46	200	24	0	0
FOPS	07/12/46	200	24	0	0
FOPS	07/13/46	200	24	0	0
FOPS	07/14/46	200	24	0	0
FOPS	07/15/46	200	24	0	0
FOPS	07/16/46	200	24	0	0
FOPS	07/17/46	83	10	1696	1400
FOPS	07/18/46	200	24	0	0
FOPS	07/19/46	200	24	0	0
FOPS	07/20/46	200	24	0	0
FOPS	07/21/46	200	24	0	0
FOPS	07/22/46	200	24	0	0
FOPS	07/23/46	200	24	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	07/24/46	81	10	1664	1349
FOPS	07/25/46	200	24	0	0
FOPS	07/26/46	200	24	0	0
FOPS	07/27/46	200	24	0	0
FOPS	07/28/46	200	24	0	0
FOPS	07/29/46	200	24	0	0
FOPS	07/30/46	200	24	0	0
FOPS	07/31/46	69	9	0	0
FOPS	08/01/46	200	24	0	0
FOPS	08/02/46	200	24	0	0
FOPS	08/03/46	200	24	0	0
FOPS	08/04/46	200	24	0	0
FOPS	08/05/46	200	24	0	0
FOPS	08/06/46	200	24	0	0
FOPS	08/07/46	64	8.3	3360	2697
FOPS	08/08/46	200	24	0	0
FOPS	08/09/46	200	24	0	0
FOPS	08/10/46	200	24	0	0
FOPS	08/11/46	200	24	0	0
FOPS	08/12/46	200	24	0	0
FOPS	08/13/46	200	24	0	0
FOPS	08/14/46	86	10.3	32	54
FOPS	08/15/46	200	24	0	0
FOPS	08/16/46	200	24	0	0
FOPS	08/17/46	200	24	0	0
FOPS	08/18/46	200	24	0	0
FOPS	08/19/46	200	24	0	0
FOPS	08/20/46	200	24	0	0
FOPS	08/21/46	58	7.55	3368	2704
FOPS	08/22/46	194	23.17	0	0
FOPS	08/23/46	200	24	0	0
FOPS	08/24/46	200	24	0	0
FOPS	08/25/46	200	24	0	0
FOPS	08/26/46	195	24	0	0
FOPS	08/27/46	200	24	0	0
FOPS	08/28/46	63	7.97	1648	1302
FOPS	08/29/46	200	24	0	0
FOPS	08/30/46	118	14.57	0	0
FOPS	08/31/46	200	24	0	0
FOPS	09/01/46	200	24	0	0
FOPS	09/02/46	200	24	0	0
FOPS	09/03/46	200	24	0	0
FOPS	09/04/46	75	9.86	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	09/05/46	200	24	0	0
FOPS	09/06/46	200	24	0	0
FOPS	09/07/46	200	24	0	0
FOPS	09/08/46	200	24	0	0
FOPS	09/09/46	200	24	0	0
FOPS	09/10/46	200	24	0	0
FOPS	09/11/46	82.6	10.9	2496	1978
FOPS	09/12/46	200	24	0	0
FOPS	09/13/46	200	24	0	0
FOPS	09/14/46	200	24	0	0
FOPS	09/15/46	200	24	0	0
FOPS	09/16/46	200	24	0	0
FOPS	09/17/46	200	24	0	0
FOPS	09/18/46	57	6.99	70	142
FOPS	09/19/46	200	24	0	0
FOPS	09/20/46	200	24	0	0
FOPS	09/21/46	200	24	0	0
FOPS	09/22/46	200	24	0	0
FOPS	09/23/46	200	24	0	0
FOPS	09/24/46	200	24	0	0
FOPS	09/25/46	59	7.75	3395	2810
FOPS	09/26/46	200	24	0	0
FOPS	09/27/46	200	24	0	0
FOPS	09/28/46	200	24	0	0
FOPS	09/29/46	208	25	0	0
FOPS	09/30/46	200	24	0	0
FOPS	10/01/46	200	24	0	0
FOPS	10/02/46	35	4.95	2528	2057
FOPS	10/03/46	200	24	0	0
FOPS	10/04/46	200	24	0	0
FOPS	10/05/46	200	24	0	0
FOPS	10/06/46	200	24	0	0
FOPS	10/07/46	200	24	0	0
FOPS	10/08/46	200	24	0	0
FOPS	10/09/46	71	9.4	2504	2016
FOPS	10/10/46	200	24	0	0
FOPS	10/11/46	200	24	0	0
FOPS	10/12/46	200	24	0	0
FOPS	10/13/46	200	24	0	0
FOPS	10/14/46	200	24	0	0
FOPS	10/15/46	200	24	0	0
FOPS	10/16/46	83	10.88	0	0
FOPS	10/17/46	200	24	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	10/18/46	200	24	0	0
FOPS	10/19/46	200	24	0	0
FOPS	10/20/46	200	24	0	0
FOPS	10/21/46	200	24	0	0
FOPS	10/22/46	198	23.8	0	0
FOPS	10/23/46	61	8.3	2492	2004
FOPS	10/24/46	200	24	0	0
FOPS	10/25/46	200	24	0	0
FOPS	10/26/46	200	24	0	0
FOPS	10/27/46	200	24	0	0
FOPS	10/28/46	200	24	0	0
FOPS	10/29/46	200	24	0	0
FOPS	10/30/46	200	24	0	0
FOPS	10/31/46	200	24	0	0
FOPS	11/01/46	200	24	0	0
FOPS	11/02/46	200	24	0	0
FOPS	11/03/46	200	24	0	0
FOPS	11/04/46	30.6	3.33	192	155
FOPS	11/05/46	0	0	0	0
FOPS	11/06/46	0	0	3296	2703
FOPS	11/07/46	7.1	9.36	0	0
FOPS	11/08/46	70.3	7.5	0	0
FOPS	11/09/46	159	20.08	0	0
FOPS	11/10/46	200	24	0	0
FOPS	11/11/46	200	24	0	0
FOPS	11/12/46	200	24	0	0
FOPS	11/13/46	200	24	0	0
FOPS	11/14/46	200	24	0	0
FOPS	11/15/46	200	24	0	0
FOPS	11/16/46	200	24	0	0
FOPS	11/17/46	200	24	0	0
FOPS	11/18/46	200	24	0	0
FOPS	11/19/46	200	24	0	0
FOPS	11/20/46	35	4.17	2504	1951
FOPS	11/21/46	174	21.5	0	0
FOPS	11/22/46	200	24	0	0
FOPS	11/23/46	200	24	0	0
FOPS	11/24/46	200	24	0	0
FOPS	11/25/46	200	24	0	0
FOPS	11/26/46	200	24	0	0
FOPS	11/27/46	54	6.5	2496	1945
FOPS	11/28/46	199	24	0	0
FOPS	11/29/46	200	24	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	11/30/46	200	24	0	0
FOPS	12/01/46	200	24	0	0
FOPS	12/02/46	200	24	0	0
FOPS	12/03/46	196	24	0	0
FOPS	12/04/46	58.9	7	128	73
FOPS	12/05/46	200	24	0	0
FOPS	12/06/46	200	24	0	0
FOPS	12/07/46	200	24	0	0
FOPS	12/08/46	200	24	0	0
FOPS	12/09/46	200	24	0	0
FOPS	12/10/46	200	24	0	0
FOPS	12/11/46	41	4.9	3232	2563
FOPS	12/12/46	197.8	24	0	0
FOPS	12/13/46	200	24	0	0
FOPS	12/14/46	200	24	0	0
FOPS	12/15/46	200	24	0	0
FOPS	12/16/46	200	24	0	0
FOPS	12/17/46	200	24	0	0
FOPS	12/18/46	188	24	0	0
FOPS	12/19/46	200	24	0	0
FOPS	12/20/46	200	24	0	0
FOPS	12/21/46	200	24	0	0
FOPS	12/22/46	200	24	0	0
FOPS	12/23/46	200	24	0	0
FOPS	12/24/46	200	24	0	0
FOPS	12/25/46	200	24	0	0
FOPS	12/26/46	54	6.5	3388	2718
FOPS	12/27/46	197	24	0	0
FOPS	12/28/46	200	24	0	0
FOPS	12/29/46	200	24	0	0
FOPS	12/30/46	200	24	0	0
FOPS	12/31/46	200	24	0	0
FOPS	01/01/47	200	24	0	0
FOPS	01/02/47	200	24	0	0
FOPS	01/03/47	198.9	23.52	0	0
FOPS	01/04/47	200	24	0	0
FOPS	01/05/47	200	24	0	0
FOPS	01/06/47	194.7	23.63	0	0
FOPS	01/07/47	198	23.9	0	0
FOPS	01/08/47	37	5.52	288	294
FOPS	01/09/47	196	24	0	0
FOPS	01/10/47	200	24	0	0
FOPS	01/11/47	200	24	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	01/12/47	200	24	0	0
FOPS	01/13/47	200	24	0	0
FOPS	01/14/47	150	18.37	195	247
FOPS	01/15/47	59.6	8.4	3392	2626
FOPS	01/16/47	199.2	24	0	0
FOPS	01/17/47	200	24	0	0
FOPS	01/18/47	200	24	0	0
FOPS	01/19/47	200	24	0	0
FOPS	01/20/47	200	24	0	0
FOPS	01/21/47	200	24	0	0
FOPS	01/22/47	20.6	3.25	320	292
FOPS	01/23/47	198.2	24	0	0
FOPS	01/24/47	200	24	0	0
FOPS	01/25/47	200	24	0	0
FOPS	01/26/47	197	23.8	0	0
FOPS	01/27/47	200	24	0	0
FOPS	01/28/47	200	24	0	0
FOPS	01/29/47	36.1	4.73	2424	1904
FOPS	01/30/47	192.5	24	0	0
FOPS	01/31/47	200	24	0	0
FOPS	02/01/47	200	24	0	0
FOPS	02/02/47	200	24	0	0
FOPS	02/03/47	200	24	0	0
FOPS	02/04/47	200	24	0	0
FOPS	02/05/47	200	24	0	0
FOPS	02/06/47	200	24	0	0
FOPS	02/07/47	200	24	0	0
FOPS	02/08/47	200	24	0	0
FOPS	02/09/47	200	24	0	0
FOPS	02/10/47	200	24	0	0
FOPS	02/11/47	200	24	0	0
FOPS	02/12/47	33.6	5.1	2272	1813
FOPS	02/13/47	193.7	24	0	0
FOPS	02/14/47	200	24	0	0
FOPS	02/15/47	200	24	0	0
FOPS	02/16/47	200	24	0	0
FOPS	02/17/47	200	24	0	0
FOPS	02/18/47	200	24	0	0
FOPS	02/19/47	200	24	0	0
FOPS	02/20/47	200	24	0	0
FOPS	02/21/47	200	24	0	0
FOPS	02/22/47	200	24	0	0
FOPS	02/23/47	200	24	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	02/24/47	200	24	0	0
FOPS	02/25/47	200	24	0	0
FOPS	02/26/47	32	4.2	2544	2168
FOPS	02/27/47	190.2	23.6	0	0
FOPS	02/28/47	200	24	0	0
FOPS	03/01/47	200	24	0	0
FOPS	03/02/47	200	24	0	0
FOPS	03/03/47	200	24	0	0
FOPS	03/04/47	200	24	0	0
FOPS	03/05/47	200	24	0	0
FOPS	03/06/47	200	24	0	0
FOPS	03/07/47	200	24	0	0
FOPS	03/08/47	194.4	23.67	0	0
FOPS	03/09/47	33.5	4.37	2624	2202
FOPS	03/10/47	200	24	0	0
FOPS	03/11/47	200	24	0	0
FOPS	03/12/47	200	24	0	0
FOPS	03/13/47	200	24	0	0
FOPS	03/14/47	200	24	0	0
FOPS	03/15/47	194.4	23.67	0	0
FOPS	03/16/47	4.4	1.28	1890	1514
FOPS	03/17/47	195.5	24	0	0
FOPS	03/18/47	200	24	0	0
FOPS	03/19/47	200	24	0	0
FOPS	03/20/47	200	24	0	0
FOPS	03/21/47	200	24	0	0
FOPS	03/22/47	197.3	23.7	0	0
FOPS	03/23/47	29.2	4	1728	1451
FOPS	03/24/47	200	24	0	0
FOPS	03/25/47	200	24	0	0
FOPS	03/26/47	200	24	0	0
FOPS	03/27/47	200	24	0	0
FOPS	03/28/47	200	24	0	0
FOPS	03/29/47	200	24	0	0
FOPS	03/30/47	200	24	0	0
FOPS	03/31/47	200	24	0	0
FOPS	04/01/47	200	24	0	0
FOPS	04/02/47	194.4	24	0	0
FOPS	04/03/47	200	24	0	0
FOPS	04/04/47	200	24	0	0
FOPS	04/05/47	194.4	23.67	0	0
FOPS	04/06/47	5.3	1.1	3184	2549
FOPS	04/07/47	200	24	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	04/08/47	200	24	0	0
FOPS	04/09/47	200	24	0	0
FOPS	04/10/47	200	24	0	0
FOPS	04/11/47	200	24	0	0
FOPS	04/12/47	200	24	0	0
FOPS	04/13/47	200	24	0	0
FOPS	04/14/47	195.4	23.59	0	0
FOPS	04/15/47	200	24	0	0
FOPS	04/16/47	200	24	0	0
FOPS	04/17/47	200	24	0	0
FOPS	04/18/47	200	24	0	0
FOPS	04/19/47	200	24	0	0
FOPS	04/20/47	200	24	0	0
FOPS	04/21/47	200	24	0	0
FOPS	04/22/47	186.8	22.8	0	0
FOPS	04/23/47	41	5.4	3302	2707
FOPS	04/24/47	200	24	0	0
FOPS	04/25/47	200	24	0	0
FOPS	04/26/47	200	24	0	0
FOPS	04/27/47	191.7	23	0	0
FOPS	04/28/47	200	24	0	0
FOPS	04/29/47	200	24	0	0
FOPS	04/30/47	10.3	2.4	1746	1412
FOPS	05/01/47	183.9	24	0	0
FOPS	05/02/47	200	24	0	0
FOPS	05/03/47	200	24	0	0
FOPS	05/04/47	200	24	0	0
FOPS	05/05/47	200	24	0	0
FOPS	05/06/47	194.8	23.75	0	0
FOPS	05/07/47	35.3	4.7	1696	1367
FOPS	05/08/47	200	24	0	0
FOPS	05/09/47	200	24	0	0
FOPS	05/10/47	200	24	0	0
FOPS	05/11/47	200	24	0	0
FOPS	05/12/47	200	24	0	0
FOPS	05/13/47	193.1	23.5	0	0
FOPS	05/14/47	32.3	4.5	2436	1918
FOPS	05/15/47	200	24	0	0
FOPS	05/16/47	200	24	0	0
FOPS	05/17/47	200	24	0	0
FOPS	05/18/47	200	24	0	0
FOPS	05/19/47	200	24	0	0
FOPS	05/20/47	194.4	23.7	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	05/21/47	22.5	3.3	1760	1379
FOPS	05/22/47	199.2	24	0	0
FOPS	05/23/47	200	24	0	0
FOPS	05/24/47	200	24	0	0
FOPS	05/25/47	200	24	0	0
FOPS	05/26/47	200	24	0	0
FOPS	05/27/47	200	24	0	0
FOPS	05/28/47	200	24	0	0
FOPS	05/29/47	200	24	0	0
FOPS	05/30/47	200	24	0	0
FOPS	05/31/47	200	24	0	0
FOPS	06/01/47	200	24	0	0
FOPS	06/02/47	200	24	0	0
FOPS	06/03/47	193	23.47	0	0
FOPS	06/04/47	31	4.8	2402	1938
FOPS	06/05/47	200	24	0	0
FOPS	06/06/47	200	24	0	0
FOPS	06/07/47	83	11	0	0
FOPS	06/08/47	200	24	0	0
FOPS	06/09/47	200	24	0	0
FOPS	06/10/47	192	23.3	0	0
FOPS	06/11/47	12	1.9	3350	2653
FOPS	06/12/47	200	24	0	0
FOPS	06/13/47	200	24	0	0
FOPS	06/14/47	200	24	0	0
FOPS	06/15/47	200	24	0	0
FOPS	06/16/47	200	24	0	0
FOPS	06/17/47	199	23.9	0	0
FOPS	06/18/47	200	24	0	0
FOPS	06/19/47	200	24	0	0
FOPS	06/20/47	196	24	0	0
FOPS	06/21/47	200	24	0	0
FOPS	06/22/47	200	24	0	0
FOPS	06/23/47	200	24	0	0
FOPS	06/24/47	193	23.5	0	0
FOPS	06/25/47	12	2.2	1714	1387
FOPS	06/26/47	194	23.6	0	0
FOPS	06/27/47	200	24	0	0
FOPS	06/28/47	200	24	0	0
FOPS	06/29/47	200	24	0	0
FOPS	06/30/47	200	24	0	0
FOPS	07/01/47	193	23.5	0	0
FOPS	07/02/47	25	3.8	2496	1973

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	07/03/47	200	24	0	0
FOPS	07/04/47	200	24	0	0
FOPS	07/05/47	200	24	0	0
FOPS	07/06/47	200	24	0	0
FOPS	07/07/47	200	24	0	0
FOPS	07/08/47	200	24	0	0
FOPS	07/09/47	200	24	0	0
FOPS	07/10/47	200	24	0	0
FOPS	07/11/47	200	24	0	0
FOPS	07/12/47	200	24	0	0
FOPS	07/13/47	200	24	0	0
FOPS	07/14/47	200	24	0	0
FOPS	07/15/47	200	24	0	0
FOPS	07/16/47	38	5.4	2528	2004
FOPS	07/17/47	200	24	0	0
FOPS	07/18/47	200	24	0	0
FOPS	07/19/47	200	24	0	0
FOPS	07/20/47	200	24	0	0
FOPS	07/21/47	200	24	0	0
FOPS	07/22/47	200	24	0	0
FOPS	07/23/47	28	3.7	1928	1526
FOPS	07/24/47	170	21	0	0
FOPS	07/25/47	200	24	0	0
FOPS	07/26/47	200	24	0	0
FOPS	07/27/47	200	24	0	0
FOPS	07/28/47	200	24	0	0
FOPS	07/29/47	189	24	0	0
FOPS	07/30/47	200	24	0	0
FOPS	07/31/47	198	23.9	0	0
FOPS	08/01/47	200	24	0	0
FOPS	08/02/47	200	24	0	0
FOPS	08/03/47	193	23.5	0	0
FOPS	08/04/47	0	0	192	151
FOPS	08/05/47	0	0	0	0
FOPS	08/06/47	0	0	0	0
FOPS	08/07/47	12	18.4	0	0
FOPS	08/08/47	0.1	5.9	0	0
FOPS	08/09/47	11.5	14.4	0	0
FOPS	08/10/47	0	0	3057	2512
FOPS	08/11/47	0	0	0	0
FOPS	08/12/47	63	9.1	0	0
FOPS	08/13/47	157	20.3	0	0
FOPS	08/14/47	200	24	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	08/15/47	200	24	0	0
FOPS	08/16/47	200	24	0	0
FOPS	08/17/47	200	24	0	0
FOPS	08/18/47	200	24	0	0
FOPS	08/19/47	200	24	0	0
FOPS	08/20/47	198	23.9	0	0
FOPS	08/21/47	200	24	0	0
FOPS	08/22/47	200	24	0	0
FOPS	08/23/47	200	24	0	0
FOPS	08/24/47	200	24	0	0
FOPS	08/25/47	200	24	0	0
FOPS	08/26/47	193	23.5	0	0
FOPS	08/27/47	10	1.95	1600	1314
FOPS	08/28/47	199	24	0	0
FOPS	08/29/47	197	23.8	0	0
FOPS	08/30/47	200	24	0	0
FOPS	08/31/47	200	24	0	0
FOPS	09/01/47	200	24	0	0
FOPS	09/02/47	193	23.5	0	0
FOPS	09/03/47	14	2.8	2566	2037
FOPS	09/04/47	200	24	0	0
FOPS	09/05/47	200	24	0	0
FOPS	09/06/47	200	24	0	0
FOPS	09/07/47	200	24	0	0
FOPS	09/08/47	200	24	0	0
FOPS	09/09/47	200	24	0	0
FOPS	09/10/47	35	4.5	0	0
FOPS	09/11/47	165	20.3	0	0
FOPS	09/12/47	200	24	0	0
FOPS	09/13/47	200	24	0	0
FOPS	09/14/47	200	24	0	0
FOPS	09/15/47	200	24	0	0
FOPS	09/16/47	193	23.5	0	0
FOPS	09/17/47	15	2	1670	1330
FOPS	09/18/47	200	24	0	0
FOPS	09/19/47	200	24	0	0
FOPS	09/20/47	200	24	0	0
FOPS	09/21/47	200	24	0	0
FOPS	09/22/47	200	24	0	0
FOPS	09/23/47	192	23.3	0	0
FOPS	09/24/47	13	2.2	1682	1332
FOPS	09/25/47	200	24	0	0
FOPS	09/26/47	200	24	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	09/27/47	200	24	0	0
FOPS	09/28/47	208	25	0	0
FOPS	09/29/47	200	24	0	0
FOPS	09/30/47	184	22.3	0	0
FOPS	10/01/47	19	2.9	2496	2001
FOPS	10/02/47	200	24	0	0
FOPS	10/03/47	200	24	0	0
FOPS	10/04/47	200	24	0	0
FOPS	10/05/47	200	24	0	0
FOPS	10/06/47	200	24	0	0
FOPS	10/07/47	192	23.3	0	0
FOPS	10/08/47	23	3.25	2544.5	2034
FOPS	10/09/47	200	24	0	0
FOPS	10/10/47	200	24	0	0
FOPS	10/11/47	200	24	0	0
FOPS	10/12/47	200	24	0	0
FOPS	10/13/47	200	24	0	0
FOPS	10/14/47	200	24	0	0
FOPS	10/15/47	3	3.5	0	0
FOPS	10/16/47	180	22.3	0	0
FOPS	10/17/47	200	24	0	0
FOPS	10/18/47	200	24	0	0
FOPS	10/19/47	200	24	0	0
FOPS	10/20/47	200	24	0	0
FOPS	10/21/47	184	22.4	0	0
FOPS	10/22/47	32	4.7	2496	1984
FOPS	10/23/47	200	24	0	0
FOPS	10/24/47	212	24	0	0
FOPS	10/25/47	225	24	0	0
FOPS	10/26/47	225	24	0	0
FOPS	10/27/47	225	24	0	0
FOPS	10/28/47	225	24	0	0
FOPS	10/29/47	214	24	0	0
FOPS	10/30/47	225	24	0	0
FOPS	10/31/47	233	24	0	0
FOPS	11/01/47	240	24	0	0
FOPS	11/02/47	240	24	0	0
FOPS	11/03/47	219	21.9	0	0
FOPS	11/04/47	41	4.8	2656	2046
FOPS	11/05/47	209	22.1	96	57
FOPS	11/06/47	247	24	0	0
FOPS	11/07/47	267	24	0	0
FOPS	11/08/47	270	23.6	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	11/09/47	275	24	0	0
FOPS	11/10/47	259	23.1	0	0
FOPS	11/11/47	61	6.2	2532	2009
FOPS	11/12/47	266	24	0	0
FOPS	11/13/47	275	24	0	0
FOPS	11/14/47	275	24	0	0
FOPS	11/15/47	275	24	0	0
FOPS	11/16/47	214	19.1	0	0
FOPS	11/17/47	0	0	3244	2433
FOPS	11/18/47	0	0	0	0
FOPS	11/19/47	0	0	0	0
FOPS	11/20/47	0	0	0	0
FOPS	11/21/47	0	0	0	0
FOPS	11/22/47	0	0	32	4
FOPS	11/23/47	144	16	0	0
FOPS	11/24/47	248	24	0	0
FOPS	11/25/47	275	24	0	0
FOPS	11/26/47	275	24	0	0
FOPS	11/27/47	275	24	0	0
FOPS	11/28/47	275	24	0	0
FOPS	11/29/47	275	24	0	0
FOPS	11/30/47	275	24	0	0
FOPS	12/01/47	216	19.3	0	0
FOPS	12/02/47	90	8.3	3294	2570
FOPS	12/03/47	271	24	0	0
FOPS	12/04/47	275	24	0	0
FOPS	12/05/47	275	24	0	0
FOPS	12/06/47	275	24	0	0
FOPS	12/07/47	170.8	15.3	0	0
FOPS	12/08/47	0	0	3360	2634
FOPS	12/09/47	0	0	0	0
FOPS	12/10/47	0	0	0	0
FOPS	12/11/47	0	0	0	0
FOPS	12/12/47	0	0	64	26
FOPS	12/13/47	18	3.73	0	0
FOPS	12/14/47	222	21.4	0	0
FOPS	12/15/47	272	24	0	0
FOPS	12/16/47	274	24	0	0
FOPS	12/17/47	275	24	0	0
FOPS	12/18/47	275	24	0	0
FOPS	12/19/47	275	24	0	0
FOPS	12/20/47	275	24	0	0
FOPS	12/21/47	275	24	0	0

TABLE 2.3. (contd)

Rx	Date	MWD	HRS UP	DISCHG SLUGS	PUSH BURNUP
FOPS	12/22/47	242	21.5	0	0
FOPS	12/23/47	46	4.95	3327.5	2674
FOPS	12/24/47	275	24	0	0
FOPS	12/25/47	275	24	0	0
FOPS	12/26/47	275	24	0	0
FOPS	12/27/47	275	24	0	0
FOPS	12/28/47	275	24	0	0
FOPS	12/29/47	275	24	0	0
FOPS	12/30/47	275	24	0	0
FOPS	12/31/47	275	24	0	0

3.0 REACTOR DISCHARGE SUMMARY

The three tables in this section present the results of processing the P-Department Records (General Electric Company 1947) to obtain the discharges (pushes). Table 3.1 presents the B Reactor pushes. Tables 3.2 and 3.3 apply to D and F Reactors, respectively. The tables contain all of the pushes through the end of 1947 even though not all of these were processed.

Column 1: The sequential push number for the reactor.

Column 2: The date of shutdown of the reactor for the push.

Column 3: The total number of slugs pushed.

Column 4: The tons of uranium in the push calculated by multiplying the number of slugs by: $7.85 \text{ lb/slug} \times 1/2000 \text{ ton/lb} = 0.00393 \text{ ton/slug}$.

TABLE 3.1. B Reactor Discharges (Pushes)

B Push No.	Date	Rx	Total Slugs	Total Tons U
1	11/06/44	B	32	0.13
2	11/24/44	B	2048	8.04
3	12/20/44	B	1536	6.03
4	01/18/45	B	1699	6.67
5	02/22/45	B	2496	9.80
6	03/08/45	B	2563	10.06
7	03/22/45	B	3360	13.19
8	04/12/45	B	3363	13.20
9	04/26/45	B	3360	13.19
10	05/20/45	B	2624	10.30
11	05/31/45	B	2592	10.17
12	06/14/45	B	2522	9.90
13	06/28/45	B	2442	9.58
14	07/12/45	B	2540	9.97
15	07/19/45	B	2501	9.82
16	08/29/45	B	4212	16.53
17	09/05/45	B	4223	16.58
18	09/12/45	B	4187	16.43
19	09/19/45	B	4210	16.52
20	10/02/45	B	2496	9.80
21	10/30/45	B	3462	13.59
22	11/15/45	B	2069	8.12
23	11/20/45	B	1664	6.53
24	12/04/45	B	3466	13.60
25	12/11/45	B	8245	32.36
26	01/08/46	B	2672	10.49
27	01/20/46	B	233	0.91
28	02/05/46	B	3629	14.24
29	02/19/46	B	4196	16.47
30	03/06/46	B	3677	14.43
31	03/19/46	B	8782	34.47
Totals:			97101	381.12

TABLE 3.2. D Reactor Discharges (Pushes)

D Push No,	Date	Rx	Total Slugs	Total Tons U
1	01/20/45	D	35	0.14
2	03/15/45	D	2555	10.03
3	03/29/45	D	2555	10.03
4	04/19/45	D	2555	10.03
5	05/03/45	D	2590	10.17
6	05/20/45	D	2590	10.17
7	06/04/45	D	1362	5.35
8	06/21/45	D	3710	14.56
9	07/05/45	D	2485	9.75
10	07/13/45	D	2522	9.90
11	07/26/45	D	2520	9.89
12	08/09/45	D	3150	12.36
13	08/16/45	D	3570	14.01
14	08/30/45	D	4215	16.54
15	09/06/45	D	4197	16.47
16	09/20/45	D	4216	16.55
17	10/04/45	D	3360	13.19
18	10/09/45	D	2811	11.03
19	10/18/45	D	2555	10.03
20	10/25/45	D	3317	13.02
21	11/06/45	D	3374	13.24
22	11/13/45	D	3356	13.17
23	11/20/45	D	3360	13.19
24	12/06/45	D	4165	16.35
25	12/13/45	D	2511	9.86
26	12/31/45	D	2544	9.99
27	01/18/46	D	4320	16.96
28	01/29/46	D	3362	13.20
29	02/12/46	D	3380	13.27
30	02/26/46	D	4178	16.40
31	03/12/46	D	2500	9.81
32	03/26/46	D	4200	16.49
33	04/09/46	D	2528	9.92
34	04/16/46	D	2528	9.92
35	04/23/46	D	2528	9.92
36	04/30/46	D	2509	9.85
37	05/07/46	D	1664	6.53
38	05/14/46	D	2536	9.95

TABLE 3.2. (contd)

D Push No,	Date	Rx	Total Slugs	Total Tons U
39	05/21/46	D	1725	6.77
40	05/28/46	D	2122	8.33
41	06/04/46	D	2110	8.28
42	06/11/46	D	1664	6.53
43	06/17/46	D	1664	6.53
44	06/25/46	D	1696	6.66
45	07/02/46	D	1182	4.64
46	07/09/46	D	3018	11.85
47	07/16/46	D	2528	9.92
48	07/23/46	D	1724	6.77
49	07/30/46	D	3360	13.19
50	08/06/46	D	32	0.13
51	08/13/46	D	1632	6.41
52	08/20/46	D	3368	13.22
53	08/27/46	D	64	0.25
54	09/03/46	D	3296	12.94
55	09/10/46	D	2496	9.80
56	09/17/46	D	96	0.38
57	09/24/46	D	2501	9.82
58	10/01/46	D	3363	13.20
59	10/08/46	D	288	1.13
60	10/15/46	D	3144	12.34
61	10/21/46	D	1760	6.91
62	11/05/46	D	3360	13.19
63	11/26/46	D	3424	13.44
64	12/03/46	D	3368	13.22
65	12/17/46	D	3361	13.19
66	01/02/47	D	3456	13.56
67	01/07/47	D	2822	11.08
68	01/14/47	D	3456	13.56
69	01/21/47	D	2416	9.48
70	02/04/47	D	3232	12.69
71	02/11/47	D	3360	13.19
72	02/25/47	D	2656	10.42
73	03/09/47	D	3360	13.19
74	03/16/47	D	3392	13.31
75	03/23/47	D	3328	13.06
76	04/06/47	D	2516	9.88

TABLE 3.2. (contd)

D Push No,	Date	Rx	Total Slugs	Total Tons U
77	04/15/47	D	3344	13.13
78	04/29/47	D	2576	10.11
79	05/06/47	D	2496	9.80
80	05/13/47	D	2528	9.92
81	05/27/47	D	2752	10.80
82	06/03/47	D	2480	9.73
83	06/17/47	D	2401	9.42
84	06/24/47	D	2528	9.92
85	07/01/47	D	3328	13.06
86	07/08/47	D	2528	9.92
87	07/22/47	D	2528	9.92
88	07/29/47	D	864	3.39
89	08/05/47	D	3328	13.06
90	08/12/47	D	3360	13.19
91	08/19/47	D	32	0.13
92	08/26/47	D	3360	13.19
93	09/02/47	D	32	0.13
94	09/09/47	D	3424	13.44
95	09/16/47	D	2400	9.42
96	09/23/47	D	864	3.39
97	09/30/47	D	2496	9.80
98	10/07/47	D	2528	9.92
99	10/21/47	D	2528	9.92
100	10/28/47	D	2528	9.92
101	11/03/47	D	2048	8.04
102	11/18/47	D	2495	9.79
103	11/25/47	D	2432	9.55
104	12/08/47	D	1664	6.53
105	12/15/47	D	3360	13.19
Totals:			273985	1075.39

TABLE 3.3. F Reactor Discharges (Pushes)

F Push No.	Date	Rx	Total Slugs	Total Tons U
1	07/20/45	F	315	1.24
2	07/27/45	F	2205	8.65
3	08/01/45	F	3150	12.36
4	08/17/45	F	2790	10.95
5	08/24/45	F	3360	13.19
6	08/31/45	F	4200	16.49
7	09/07/45	F	2205	8.65
8	09/14/45	F	1995	7.83
9	09/22/45	F	4200	16.49
10	09/27/45	F	3360	13.19
11	10/11/45	F	2870	11.26
12	10/16/45	F	3360	13.19
13	11/01/45	F	3010	11.81
14	11/08/45	F	2590	10.17
15	11/21/45	F	2765	10.85
16	11/29/45	F	3360	13.19
17	12/27/45	F	2520	9.89
18	01/03/46	F	4179	16.40
19	01/20/46	F	3549	13.93
20	02/07/46	F	4192	16.45
21	02/21/46	F	3348	13.14
22	03/05/46	F	4192	16.45
23	03/21/46	F	4192	16.45
24	04/02/46	F	2536	9.95
25	04/11/46	F	2536	9.95
26	04/18/46	F	2528	9.92
27	05/02/46	F	1668	6.55
28	05/09/46	F	1668	6.55
29	05/15/46	F	1668	6.55
30	05/21/46	F	1696	6.66
31	05/29/46	F	1674	6.57
32	06/05/46	F	2515	9.87
33	06/20/46	F	1671	6.56
34	06/26/46	F	856	3.36
35	07/03/46	F	873	3.43
36	07/10/46	F	1672	6.56
37	07/17/46	F	1696	6.66
38	07/24/46	F	1664	6.53

TABLE 3.3. (contd)

F Push No.	Date	Rx	Total Slugs	Total Tons U
39	08/07/46	F	3360	13.19
40	08/14/46	F	32	0.13
41	08/21/46	F	3368	13.22
42	08/28/46	F	1648	6.47
43	09/11/46	F	2496	9.80
44	09/18/46	F	70	0.27
45	09/25/46	F	3395	13.33
46	10/02/46	F	2528	9.92
47	10/09/46	F	2504	9.83
48	10/23/46	F	2492	9.78
49	11/04/46	F	3488	13.69
50	11/20/46	F	2504	9.83
51	11/27/46	F	2496	9.80
52	12/04/46	F	128	0.50
53	12/11/46	F	3232	12.69
54	12/26/46	F	3388	13.30
55	01/08/47	F	288	1.13
56	01/14/47	F	3587	14.08
57	01/22/47	F	320	1.26
58	01/29/47	F	2424	9.51
59	02/12/47	F	2272	8.92
60	02/26/47	F	2544	9.99
61	03/09/47	F	2624	10.30
62	03/16/47	F	1890	7.42
63	03/23/47	F	1728	6.78
64	04/06/47	F	3184	12.50
65	04/23/47	F	3302	12.96
66	04/30/47	F	1746	6.85
67	05/07/47	F	1696	6.66
68	05/14/47	F	2436	9.56
69	05/21/47	F	1760	6.91
70	06/04/47	F	2402	9.43
71	06/11/47	F	3350	13.15
72	06/25/47	F	1714	6.73
73	07/02/47	F	2496	9.80
74	07/16/47	F	2528	9.92
75	07/23/47	F	1928	7.57
76	08/04/47	F	192	0.75

TABLE 3.3. (contd)

F Push No.	Date	Rx	Total Slugs	Total Tons U
77	08/10/47	F	3057	12.00
78	08/27/47	F	1600	6.28
79	09/03/47	F	2566	10.07
80	09/17/47	F	1670	6.55
81	09/24/47	F	1682	6.60
82	10/01/47	F	2496	9.80
83	10/08/47	F	2544.5	9.99
84	10/22/47	F	2496	9.80
85	11/04/47	F	2752	10.80
86	11/11/47	F	2532	9.94
87	11/17/47	F	3276	12.86
88	12/02/47	F	3294	12.93
89	12/08/47	F	3424	13.44
90	12/23/47	F	3327.5	13.06
Totals:			219085	859.91

Summary for All Reactors

	Pushes	Slugs	Tons
B	31	97101	381
D	105	273985	1075
F	90	219085	860
Sum	226	590171	2316

4.0 REACTOR DISCHARGES DISSOLVED THROUGH MAY 1946

This table presents the assignment of the reactor pushes to T and B Plants in the period December 1944 through May 1946. Because the 200 Area reports (Acken and Bird 1945; Bird and Donihee 1945) did not list the push being dissolved, it was necessary to decide what push was being dissolved. This was done by assuming that the oldest fuel would be dissolved first and using the oldest fuel from the P-Department Reports (General Electric Company 1947) queue of available discharges. The Jaech report (undated) gave monthly summaries of push and tons dissolved at each of the two plants. The Jaech report (undated) pushes are compared the P-Department Report (General Electric Company 1947) in this table and the allocations to B and T Plants used in the HEDR reconstruction.

For B Plant:

Column 1: Push. Date of shutdown for push. These were not always the same because the records would list the day the slugs were discharged. Discrepancies were eliminated by using the day shutdown from full power occurred from the P-Department records (General Electric Company 1947).

Column 2: No heading. Reactor of push origin.

Column 3: Dis. Tons. Tons dissolved from Jaech (undated).

Column 4: Same Date Sum. If two or more dates were shown in the Jaech (undated) record, they are added together in this column.

Column 5: HEDR Dis. Tons. Tons dissolved in the HEDR reconstruction.

Column 6: P Dept. Total Tons. If all of the push was dissolved at B Plant, an entry is made in this column.

For T Plant:

Column 7: Push. Date of shutdown for push. These were not always the same because the records would list the day the slugs were discharged. Discrepancies were eliminated by using the day shutdown from full power occurred from the P-Department records (General Electric Company 1947).

Column 8: No heading. Reactor of push origin.

Column 9: Dis. Tons. Tons dissolved from Jaech (undated).

Column 10: Same Date Sum. If two or more dates were shown in the Jaech (undated) record, they are added together in this column.

Column 12: HEDR Dis. Tons. Tons dissolved in the HEDR reconstruction.

Column 13: P Dept. Total Tons. If all of the push was dissolved at T Plant, an entry is made in this column.

Split Batch Totals:

Column 14: Jaech Total Tons. Sum of the push processed at both plants according to Jaech (undated).

Column 15: HEDR Total Tons. Sum of the push processed at both plants according to HEDR reconstruction.

Column 16: P-Department Total Tons. Sum of the push processed at both plants according to General Electric Company (1947).

The totals at B Plant are listed as 694 tons from Jaech (undated), 697 tons for HEDR. The P-Department (General Electric Company 1947) sum of 530 tons is not comparable because it does not include the split pushes the are entered in the last column.

The totals at T Plant are 631 tons from Jaech (undated) and 547 tons for HEDR which do not agree. The tons from Jaech were calculated by dividing push burnup (MWd) by the push exposure (MWd/ton). Several batches of high-exposure pushes were processed at T Plant. Some of the pushes were discharged at 400 MWd/ton instead of the normal goal of 200 MWd/ton. The Jaech reference (undated) does not have the right exposure for these pushes which are clearly given in the P-Department Reports (General Electric Company 1947) plus in several other supporting sources. This causes the push tons to be too large because they are calculated by dividing by the exposure. The HEDR reconstruction was based entirely on the P-Department Records (General Electric Company 1947).

Finally the totals for HEDR versus P-Department are both 1244 tons as shown in the final check table. B refers to the B Plant sum, T to the T Plant sum and S refers to the split batch sum for the P-Department tons.

TABLE 4.1. (contd)

SEPARATE:		Tons Dissolved Comparison Table				Values Under "HEDR" Are Used in I-131 Calculation				Plant				Split		Batch Totals	
T	Push	B Plant		Jaech Ref.---	Same Date Sum	HEDR		P Dept Total Tons	Push	Dis. Tons	Same Date Sum	HEDR		P Dept Total Tons	Jaech Total Tons	HEDR Total Tons	P Dept Total Tons
		Dis. Tons	Tons			Dis. Tons	Tons										
B	09/06/45 D	17.53				16.47	16.47		08/31/45 F	15.94		16.49	16.49				
B	09/12/45 B	5.51							09/07/45 F	2.69							
B	09/12/45 B	10.77		16.28		16.43	16.43		09/07/45 F	6.52	9.21	8.65	8.65				
B	09/20/45 D	16.65				16.55	16.55		09/14/45 F	4.73							
B	10/04/45 D	13.22				13.19	13.19		09/14/45 F	5.83	10.56	7.83	7.83				
B									09/19/45 B	8.52							
B									09/19/45 B	7.96	16.47	16.52	16.52				
B									09/22/45 F	16.47		16.49	16.49				
B									09/27/45 F	13.23		13.19	13.19				
B									10/02/45 B	9.92		9.8	9.8				
B	10/09/45 D	5.41				6.56			10/09/45 D	10.96		4.47		16.3737	11.03	11.03	11.03
B	10/18/45 D	6.72							10/11/45 F	2.45							
B	10/18/45 D	3.57		10.29		10.03	10.03		10/11/45 F	7.36	15.61	11.26	11.26				
B									10/11/45 F	5.80		13.19	13.19				
B	10/25/45 D	6.21				6.21			10/16/45 F	13.60		6.81	13.59	19.3116	13.02	13.02	13.02
B									10/30/45 B	13.22		7.22	13.59	18.7136	11.81	11.81	11.81
B	11/01/45 F	5.79				4.59			11/01/45 F	12.92		13.24	13.24				
B	11/08/45 F	9.99				10.17	10.17		11/06/45 D	13.19		6.99	6.99	20.435	13.17	13.17	13.17
B	11/13/45 D	6.18				6.18			11/13/45 D	14.26		1.93	1.93	9.07921	8.12	8.12	8.12
B	11/15/45 B	6.19				6.19			11/15/45 B	2.89							
B	11/20/45 B	0.55															
B	11/20/45 B	6.44		7.00		6.53	6.53										
B	11/20/45 D	12.39															
B	11/20/45 D	0.83		13.22		13.19	13.19										
B	11/21/45 F	4.49				4.49			11/21/45 F	13.76		6.36	6.36	18.2475	10.85	10.85	10.85
B	11/29/45 F	13.15				13.19	13.19		12/11/45 B	46.70	54.94	32.36	32.36				
B	12/04/45 B	7.85							12/11/45 B	8.24		16.4	16.4				
B	12/04/45 B	5.38		13.23		13.60	13.6		01/02/46 F	16.50							
B	12/06/45 D	16.46				16.35	16.35										
B	12/13/45 D	9.52				9.86	9.86										
B	12/27/45 F	9.90				9.89	9.89										
B	12/31/45 D	3.29															
B	12/31/45 D	7.01		10.30		9.99	9.99										
B	01/08/46 B	9.89				10.49	10.49										

TABLE 4.1. (contd)

SEPARATE:	Tons Dissolved Comparison Table				Values Under "HEDR" Are Used in I-131 Calculation				Split Batch Totals			
	B Plant		Jaech Ref.		Same Date Sum		Dis. Tons		Jaech Ref.		Jaech	
	Push	Dis. Tons	Dis. Tons	Dis. Tons	Dis. Tons	Dis. Tons	Dis. Tons	Dis. Tons	Dis. Tons	Dis. Tons	Total Tons	Total Tons
B	01/18/46 D	16.47	16.47	16.47	01/18/46 D	0.35	0.35	0.49	0.49	0.49	16.8213	16.96
B	01/22/46 F	13.23	13.23	13.23	01/20/46 F	0.91	0.91	0.7	0.7	0.7	14.1385	13.93
B	02/05/46 B	5.50			01/29/46 D	13.22	13.22	13.2	13.2	13.2		
B	02/05/46 B	7.67	13.17	13.17	02/07/46 F	16.53	16.53	16.45	16.45	16.45		
B	02/12/46 D	13.19			02/21/46 F	13.19	13.19	13.14	13.14	13.14		
B	02/19/46 B	16.45			02/26/46 D	2.20	2.20					
B	03/05/46 F	5.52			02/26/46 D	14.28	14.28	16.4	16.4	16.4		
B	03/05/46 F	11.01	16.53	16.53	03/12/46 D	9.88	9.88	9.81	9.81	9.81		
B	03/06/46 B	13.22			03/15/46 B*	23.05	23.05					
B	03/21/46 F	16.49			03/15/46 B*	25.71	25.71	34.46	34.46	34.46		
B	03/26/46 D	16.51										
B	04/02/46 F	4.40										
B	04/02/46 F	5.52	9.92	9.92	04/02/46 F	0.32	0.32	0.32	0.32	0.32	10.2402	9.95
B	04/09/46 D	9.88										
B	04/11/46 F	9.92										
B	04/15/46 D	9.90										
B	04/18/46 F	9.89										
B	04/30/46 D	2.22										
B	04/30/46 D	7.30	9.51	9.51								
B	05/07/46 D	7.01			04/23/46 D	3.31	3.31					
B	05/14/46 D	9.90			04/23/46 D	6.59	6.59	9.90	9.90	9.92	7.28571	6.77
B	05/21/46 D	6.59			05/21/46 D	0.7	0.7	0.18	0.18	0.18		
B	05/21/46 F	6.60			05/02/46 F	6.59	6.59	6.55	6.55	6.55		
B	05/28/46 D	8.20			05/09/46 F	6.61	6.61	6.55	6.55	6.55		
B	06/04/46 D	6.77			05/15/46 F	5.50	5.50					
B	06/04/46 D	1.02	7.79	7.79	05/15/46 F	1.10	1.10	6.59	6.59	6.55		
B	06/05/46 F	9.88			05/29/46 F	6.61	6.61	6.57	6.57	6.57		
B	06/11/46 D	7.00										
B	06/17/46 D	6.61										
B	06/20/46 F	6.61										
B	06/25/46 D	6.62										
B	06/26/46 F	3.30										
B	07/02/46 D	4.51										
B	07/09/46 D	1.10										

TABLE 4.1. (contd)

SEPARATE:		Tons Dissolved Comparison Table				Values Under "HEDR" Are Used in 1-131 Calculation				Split			
B Plant		Jaech Ref. --		Same Date Sum		Dis. Tons		HEDR Dis. Tons		P Dept Total Tons		Batch Totals	
T		Dis. Tons		Date Sum		Dis. Tons		HEDR Dis. Tons		P Dept Total Tons		Batch Totals	
Push		12.02		13.13		11.85		11.85		11.85			
07/09/46 D		12.02		13.13		11.85		11.85		11.85			
Sums		693.99				530.30		530.30		530.30		288.32	
* Jaech date corrected to P Dept													
Mass Check: The sum of the HEDR Dis. columns for B and T should be equal to the P Dept B and T cols plus the P Split because every push is in the B and T cols under HEDR, but P Dept entries are either under B T or Split													
Check:		HEDR		P Dept.									
B		697		530									
T		547		426									
S				288									
Sum		1244		1244									
H - P				-0									

5.0 TRANSCRIPTION OF JAECH REPORT (JAECH.WK3)

This presents an enhanced transcription of this basic supplemental reference used in guiding the HEDR reconstruction of dissolver operation, Jaech (undated). It was used as the only source of information on what reactor push, or part of a push, was dissolved at which separations plant. The first page is a verbatim transcription of the original. It gives the month end date, the date of the reactor push, the reactor of origin, MWd dissolved and the burnup of the push. The dates are in the HAPO calendar (day 1 was the September 1944 startup date of B Reactor).

The following pages are an enhanced translation of the HAPO calendar dates into normal dates, and include a column of short tons dissolved which is obtained by dividing the MWd of the push by the burnup MWd/ton. The MWd of the push in the original was not included, but can be recalculated by multiplying the burnup figure by the tons. The columns in the enhanced translation are:

Column 1: Month end date.

Column 2: Date of reactor push.

Column 2: Reactor of push origin.

Column 3: Cut-off Run #. This is identification of the last run dissolved in the month.

Column 4: ST Dissolved. Short tons dissolved. Ratio of MWd and burnup MWd/ton. This is the only column not in the original.

Column 5: MWd/ST. The burnup of the push dissolved.

This set of five columns is provided for both T and B Plants.

TABLE 5.1. Monthly Summary of Dissolver Data from Jaech (undated)

Inputs from CLVI73									
T Plant					B Plant				
HAPO Calendar Date	Cut-off	MWD			HAPO Calendar Date	Cut-off	MWD		
Month End	Push	Run #	Dissolved	MWD/ST	Month End	Push	Run #	Dissolved	MWD/ST
97	42 B	B-1	2	20					
128	60 B	B-3	195	27					
	60 B		20	27					
156	85 B	B-6	261	45					
187	115 B	B-6	436	66					
	150 B		622	100		150 B		332	100
	164 B		813	121		164 B		401	121
	170 D		703	107		170 D		354	107
217	178 B		477	148	217	178 B	Bd11	489	148
	178 B		464	148		178 B		489	148
	184 D		427	129		184 D		846	129
	199 B		1127	181		199 B		1203	181
	206 D		1068	160		206 D		467	160
248	213 B	Dd21	648	196	248	213 B	Bd22	862	196
	220 B		650	196		213 B		423	196
	237 D		609	187		220 D		1237	187
278	237 D	Dd11	1820	181	278	237 B	Bd15	2144	209
	248 B		692	207		248 B		1358	207
	252 D		1049	193		262 B		2172	222
309	269 D	Dd16	1963	223	309	276 B	Bd18	736	223
	269 D		1257	223		276 B		1473	223
	283 D		2298	227		290 B		2199	222
	291 D		2466	244		297 B		2159	218
340	304 D	Dd23	1332	239	340	305 F	Fd25	942	179
	304 D		1065	239		305 F		1205	179
	310 F		2198	197		310 F		726	197
	318 D		1584	243		318 D		1268	243
	325 D		1350	228		325 D		1897	228
	326 F		692	222		326 F		1075	222
	333 F		1278	199	370	333 F	Fd28	989	199
370	339 D	Dd31	232	206		333 F		182	199
	339 D		3432	206		338 B		3590	218
	340 F		3442	216		345 B		3411	207
	347 F		1350	207		346 D		3400	194
	354 F		1149	197	401	352 B	Bd55	2230	207
401	359 B	Bd46	1686	198		352 B		1140	207
	359 B		1576	198		360 D		3280	197
	362 F		3475	211		374 D		2618	198
	367 F		2632	199		379 D		1071	198
	372 B		1845	186	431	388 D	Dd41	1338	199
431	381 F	Fd44	1154	199		388 D		710	199
	347 F		557	207		395 D		1235	199
	354 F		932	197		402 F		1153	199
	379 D		2171	198		409 F		1997	200
	381 F		488	199		414 D		1236	200
	386 F		2692	198		416 B		1250	202
	400 B		2631	199		421 B		1334	207
462	407 D	Dd47	2664	202	462	421 D	Dd37	167	202
	381 F		1464	199		421 B		114	207
	395 D		2608	199		421 D		2503	202
	402 F		2571	199		422 F		907	202
	414 D		2851	200		430 F		2603	198
	416 B		584	202		435 B		1586	202
493	422 F	Bd29 (?)	2779	202	493		Bd30		
						435 B		1086	202

TABLE 5.1. (contd)

T Plant										B Plant									
Month End	Push	Cut-off	ST	Dissolved	MWD/ST	Month End	Push	Cut-off	ST	Dissolved	MWD/ST	Month End	Push	Cut-off	ST	Dissolved	MWD/ST	Month End	Push
12/31/44	11/06/44 B B-1			0.10	20														
01/31/45	11/24/44 B B-3			7.22	27														
	11/24/44 B			0.74	27														
02/28/45	12/19/44 B B-6			5.80	45														
03/31/45	01/18/45 B B-6			6.61	66														
	02/22/45 B			6.22	100														
	03/08/45 B			6.72	121														
	03/14/45 D			6.57	107														
04/30/45	03/22/45 B			3.22	148	04/30/45	03/22/45 B Bd11												
	03/22/45 B			3.14	148		03/22/45 B												
	03/28/45 D			3.31	129		03/28/45 D												
	04/12/45 B			6.23	181		04/12/45 B												
	04/19/45 D			6.68	160		04/19/45 D												
05/31/45	04/26/45 B Dd21			3.31	196	05/31/45	04/26/45 B Bd22												
	05/03/45 D			3.32	196		04/26/45 B												
	05/20/45 D			3.26	187		05/03/45 D												
06/30/45	05/20/45 D Dd11			10.06	181	06/30/45	05/20/45 B Bd15												
	05/31/45 B			3.34	207		05/31/45 B												
	06/04/45 D			5.44	193		06/14/45 B												
07/31/45	06/21/45 D Dd16			8.80	223	07/31/45	06/28/45 B Bd18												
	06/21/45 D			5.64	223		06/28/45 B												
	07/05/45 D			10.12	227		07/12/45 B												
	07/13/45 D			10.11	244		07/19/45 B												
08/31/45	07/26/45 D Dd23			5.57	239	08/31/45	07/27/45 F Fd25												
	07/26/45 D			4.46	239		07/27/45 F												
	08/01/45 F			11.16	197		08/01/45 F												
	08/09/45 D			6.52	243		08/09/45 D												
	08/16/45 D			5.92	228		08/16/45 D												
	08/17/45 F			3.12	222		08/17/45 F												
	08/24/45 F			6.42	199	09/30/45	08/24/45 F Fd28												
09/30/45	08/30/45 D Dd31			1.13	206		08/24/45 F												
	08/30/45 D			16.66	206		08/29/45 B												
	08/31/45 F			15.94	216		09/05/45 B												
	09/07/45 F			6.52	207		09/06/45 D												
	09/14/45 F			5.83	197	10/31/45	09/12/45 B Bd55												
10/31/45	09/19/45 B Bd46			8.52	198		09/12/45 B												
	09/19/45 B			7.96	198		09/20/45 D												
	09/22/45 F			16.47	211		10/04/45 D												
	09/27/45 F			13.23	199		10/09/45 D												
	10/02/45 B			9.92	186	11/30/45	10/18/45 D Dd41												
11/30/45	10/11/45 F Fd44			5.80	199		10/18/45 D												
	09/07/45 F			2.69	207		10/25/45 D												
	09/14/45 F			4.73	197		11/01/45 F												
	10/09/45 D			10.96	198		11/08/45 F												
	10/11/45 F			2.45	199		11/13/45 D												
	10/16/45 F			13.60	198		11/15/45 B												
	10/30/45 B			13.22	199		11/20/45 B												
12/31/45	11/06/45 D Dd47			13.19	202	12/31/45	11/20/45 D Dd37												
	10/11/45 F			7.36	199		11/20/45 B												
	10/25/45 D			13.11	199		11/20/45 D												
	11/01/45 F			12.92	199		11/21/45 F												
	11/13/45 D			14.26	200		11/29/45 F												
	11/15/45 B			2.89	202		12/04/45 B												

TABLE 5.1. (contd)

T Plant					B Plant				
Month End	Push	Cut-off Run #	ST Dissolved	MWD/ST	Month End	Push	Cut-off Run #	ST Dissolved	MWD/ST
	11/21/45 F	Bd29 (?)	13.76	202	01/31/46		Bd30	0.00	0
				0		12/04/45 B		5.38	202
				0		12/06/45 D		16.46	205
				0		12/13/45 D		9.52	200
				0		12/27/45 F		9.90	197
02/28/46	12/11/45 B	Bd23 (?)	46.70	197	02/28/46	12/31/45 D	Dd41(?)	3.29	200
				0		12/31/45 D		7.01	200
				0		01/08/46 B		9.89	199
	12/11/45 B		8.24	197		01/18/46 D		16.47	207
	01/02/46 F		16.50	191		01/20/46 F		13.23	195
03/31/46	01/29/46 D	Dd33	13.22	193	03/31/46	02/05/46 B	Bd44	5.50	201
				0		02/05/46 B		7.67	201
	02/07/46 F		16.53	195		02/12/46 D		13.19	197
	02/21/46 F		13.19	195		02/19/46 B		16.45	196
04/30/46	02/26/46 D	Dd40	14.28	206	04/30/46	03/05/46 F	Fd35	5.52	203
				0		03/05/46 F		11.01	203
				0		03/06/46 B		13.22	201
	02/26/46 D		2.20	206		03/21/46 F		16.49	207
	03/12/46 D		9.88	204		03/26/46 D		16.51	205
05/31/46	03/17/46 B	Bd30	23.05	200	05/31/46	04/02/46 F	Fd53	5.52	204
	01/18/46 D		0.35	207		04/02/46 F		4.40	204
	01/20/46 F		0.91	195		04/09/46 D		9.88	208
	03/17/46 B		25.71	200		04/11/46 F		9.92	204
	04/02/46 F		0.32	204		04/16/46 D		9.90	210
	04/23/46 D		3.31	210		04/18/46 F		9.89	201
06/30/46	05/21/46 D	Dd21	0.70	210	06/30/46	04/30/46 D	Dd41	2.22	206
				0		04/30/46 D		7.30	206
				0		05/07/46 D		7.01	208
				0		05/14/46 D		9.90	203
	04/23/46 D		6.59	210		05/21/46 D		6.59	210
	05/02/46 F		6.59	207		05/21/46 F		6.60	209
	05/09/46 F		6.61	211		05/28/46 D		8.20	207
07/31/46	05/15/46 F	Fd26	5.50	208	07/31/46	06/04/46 D	Dd43	6.77	209
				0		06/04/46 D		1.02	209
				0		06/05/46 F		9.88	207
				0		06/11/46 D		7.00	205
				0		06/17/46 D		6.61	202
				0		06/20/46 F		6.61	201
				0		06/25/46 D		6.62	200
				0		06/26/46 F		3.30	198
				0		07/02/46 D		4.51	203
	05/15/46 F		1.10	208		07/03/46 F		3.30	201
08/31/46	05/29/46 F	Fd6	6.61	205	08/31/46	07/09/46 D	Dd51	12.02	203
				0		07/09/46 D		1.10	203
				0		07/16/46 D		9.90	203
				0		07/17/46 F		6.60	210
				0		07/23/46 D		6.59	206
				0		07/24/46 F		6.62	206
09/30/46	07/10/46 F	Fd6	6.59	203	09/30/46	07/30/46 D	Dd30	6.63	205
				0		07/30/46 D		6.58	205
				0		08/07/46 F		13.22	204
				0		08/08/46 B		0.04	200
				0		08/20/46 D		13.18	202

TABLE 5.1. (contd)

T Plant					B Plant				
Month End	Push	Cut-off Run #	ST Dissolved	MWD/ST	Month End	Push	Cut-off Run #	ST Dissolved	MWD/ST
				0		08/21/46 F		13.22	203
				0		08/28/46 F		6.61	201
10/31/46	08/13/46 D	Dd47	6.61	206	10/31/46	09/13/46 D	Dd47	2.17	202
				0		09/03/46 D		10.83	202
				0		09/11/46 F		9.89	202
	09/10/46 D		9.91	199		09/24/46 D		3.30	201
	09/24/46 D		6.61	201		09/25/46 F		6.62	208
11/30/46	09/25/46 F	Fd21	6.56	208	11/30/46	10/01/46 D	Dd35	3.26	199
				0		10/01/46 D		1.65	199
				0		10/09/46 F		9.89	205
	10/01/46 D		3.30	199		10/15/46 D		13.22	198
	10/02/46 F		9.90	207		10/24/46 D		6.61	193
12/31/46	10/23/46 F	Fd18	9.52	204	12/31/46	11/05/46 D	Dd33	6.61	196
	11/06/46 F		13.59	203		11/05/46 D		6.57	196
	11/20/46 F		9.92	198		11/26/46 D		11.83	202
01/31/47	11/27/46 F	Fd21	9.92	198	01/31/47	12/03/46 D	Dd26	0.27	198
				0		11/26/46 D		0.96	202
	12/11/46 F		13.18	200		12/03/46 D		13.31	198
02/28/47	12/26/46 F	Fd18	9.89	202	02/28/47	12/17/46 D	Dd18	9.91	203
	12/26/46 F		3.29	202		12/17/46 D		3.28	203
	01/07/47 D		9.79	204		01/02/47 D		13.08	209
	01/15/47 F		13.10	198		01/14/47 D		13.12	204
03/31/47	01/29/47 F	Fd27	3.28	202	03/31/47	01/21/47 D	Dd33	9.80	200
	01/29/47 F		6.50	202		02/04/47 D		13.13	209
	02/11/47 D		13.07	204		02/12/47 F		9.79	205
04/30/47	02/26/47 F	Fd25	7.63	210	04/30/47	02/25/47 D	Dd27	6.56	204
	02/26/47 F		2.16	210				0.00	0
	03/09/47 F		9.79	210		02/25/47 D		3.25	204
	03/16/47 F		6.59	204		03/09/47 D		13.10	210
05/31/47	03/23/47 F	Fd21	6.62	204	05/31/47	03/16/47 D	Dd24	13.08	205
				0		03/23/47 D		13.08	202
	04/06/47 D		9.79	210		04/06/47 F		13.09	206
06/30/47	04/15/47 D	Dd13	4.39	204	06/30/47	04/23/47 F	Fd24	3.29	209
	04/15/47 D		8.72	204		04/23/47 F		9.78	209
	04/29/47 D		9.81	203		04/30/47 F		6.54	208
	05/06/47 D		9.79	202		05/07/47 F		6.54	207
07/31/47	05/13/47 D	Dd27	3.27	203	07/31/47	05/14/47 F	Fd27	9.78	203
	05/13/47 D		6.52	203				0.00	0
	05/31/47 F		6.56	201		05/27/47 D		9.79	207
	06/03/47 D		9.81	201		06/04/47 F		9.82	207
08/31/47	06/17/47 D	Dd26	5.43	205	08/31/47	06/11/47 F	Fd24	6.59	202
				0		06/11/47 F		6.57	202
	06/17/47 D		4.36	205		06/24/47 D		9.81	203
	06/25/47 F		6.56	207		07/01/47 D		13.08	201
09/30/47	07/02/47 F	Fd18	9.82	203	09/30/47	07/08/47 D	Dd30	3.27	198
	07/16/47 F		9.79	204		07/08/47 D		6.52	198
	07/23/47 F		6.56	202		07/22/47 D		9.80	205
10/31/47	08/05/47 D	Dd17	4.39	204	10/31/47	07/29/47 D	Dd18	3.28	205
	08/05/47 D		8.70	204				0.00	0
	08/12/47 D		13.07	202		08/10/47 F		13.09	204
11/30/47	08/27/47 F	Fd24	6.56	210	11/30/47	08/26/47 D	Dd21	9.78	202
	09/03/47 F		9.81	204				0.00	0
	09/16/47 D		9.79	194		08/26/47 D		3.25	202

TABLE 5.1. (contd)

T Plant					B Pl B Plant				
Month End	Push	Cut-off Run #	ST Dissolved	MWD/ST	Month End	Push	Cut-off Run #	ST Dissolved	MWD/ST
12/31/47	09/23/47 D		3.29	203	12/31/47	09/09/47 D		13.12	200
	09/24/47 F Fd24		6.56	203		09/17/47 F Fd18		6.55	204
		Total	1000.928					1192.992	

6.0 HEDR RECONSTRUCTION OF T AND B PLANT DISSOLVER OPERATIONS

6.1 T PLANT DISSOLVER OPERATIONS

Table 6.1 gives the charge make up of each cut dissolved at T Plant in the 1944-through-1947 time period. It is the result of applying the information contained in the references cited in the Volume 1 of this report. The dissolving start and stop times come from the H.I. Department Logbook (Lindvig 1945). These are observations by Health Instruments monitors which contain incidental notations of dissolving times.

Column 1: Cut Id. The name of the cut given by 200 Area operations.

Column 2: Dissolve date.

Column 3: Tons charged of push 1 material. If there is material from one reactor push, then only push 1 or push 2 columns will contain a non-zero entry.

Column 4: Tons of push 2 material, if any.

Column 5: Push 1 date and reactor.

Column 6: Push 2 date and reactor.

Column 7: The number of cuts taken from the charge.

Column 8: Dissolving start time from H.I. records (Lindvig 1945).

Column 9: Dissolving stop time from H.I. records (Lindvig 1945).

TABLE 6.1. HEDR Reconstruction of T Plant Dissolving Operations 1944-1947

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2							START	STOP
*	T-4-12-B	12/26/44	0		3.5	11/06/44 B	11/24/44 B	3				
*	T-4-12-B	12/27/44	0		0			0				
*	T-4-12-B	12/27/44	0		0			0				
*	T-5-01-B	01/01/45	0		3.72		11/24/44 B	3				
*	T-5-01-B	01/01/45	0		0			0				
*	T-5-01-B	01/01/45	0		0			0				
*	T-5-02-B	02/01/45	2.61		0.82	12/20/44 B	11/24/44 B	3				
*	T-5-02-B	02/02/45	0		0			0				
*	T-5-02-B	02/03/45	0		0			0				
*	T-5-02-B	02/05/45	3.43		0	12/20/44 B		3				
*	T-5-02-B	02/06/45	0		0			0				
*	T-5-02-B	02/06/45	0		0			0				
*	T-5-03-B	03/01/45	0		3.34		01/18/45 B	3				
*	T-5-03-B	03/01/45	0		0			0				
*	T-5-03-B	03/01/45	0		0			0				
*	T-5-03-B	03/08/45	0		3.34		01/18/45 B	3				
*	T-5-03-B	03/08/45	0		0			0				
*	T-5-03-B	03/09/45	0		0			0				
*	T-5-04-B	04/04/45	3.24		0	02/22/45 B		3				
*	T-5-04-B	04/05/45	0		0			0				
*	T-5-04-B	04/05/45	0		0			0				
*	T-5-04-B	04/10/45	3.24		0	02/22/45 B		3				
*	T-5-04-B	04/10/45	0		0			0				
*	T-5-04-B	04/10/45	0		0			0				
*	T-5-04-B	04/15/45	3.36		0	03/08/45 B		3				
*	T-5-04-B	04/15/45	0		0			0				
*	T-5-04-B	04/16/45	0		0			0				

TABLE 6.1. (contd)

80	S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Numt of Cuts	Dissolving Time	
				Push 1	Push 2					START	STOP
	*T-5-04-B	04/17/45	3.36	0	03/08/45 B	3					
	*T-5-04-B	04/17/45	0	0		0					
	*T-5-04-B	04/18/45	0	0		0					
	*T-5-04-D	04/21/45	3.36	0	03/15/45 D	3					
	*T-5-04-D	04/21/45	0	0		0					
	*T-5-04-D	04/22/45	0	0		0					
	*T-5-04-D	04/27/45	3.36	0	03/15/45 D	3					
	*T-5-04-D	04/27/45	0	0		0					
	*T-5-04-D	04/27/45	0	0		0					
	*T-5-04-B	04/29/45	3.26	0	03/22/45 B	3					
	*T-5-04-B	04/29/45	0	0		0					
	*T-5-04-B	04/30/45	0	0		0					
	*Bd-1	05/03/45	3.26	0	03/22/45 B	3					
	*Bd-2	05/03/45	0	0		0					
	*Bd-3	05/04/45	0	0		0					
	*Bd-4	05/05/45	3.34	0	03/29/45 D	3					
	*Bd-5	05/06/45	0	0		0					
	*Bd-6	05/06/45	0	0		0					
	*Bd-7	05/12/45	3.3	0	04/12/45 B	3					
	*Bd-8	05/14/45	0	0		0					
	*Bd-9	05/15/45	0	0		0					
	*Bd-10	05/17/45	3.3	0	04/12/45 B	3					
	*Bd-11	05/18/45	0	0		0					
	*Bd-12	05/18/45	0	0		0					
	*Dd-13	05/23/45	3.35	0	04/19/45 D	3					
	*Dd-14	05/23/45	0	0		0					
	*Dd-15	05/24/45	0	0		0					

TABLE 6.1. (contd)

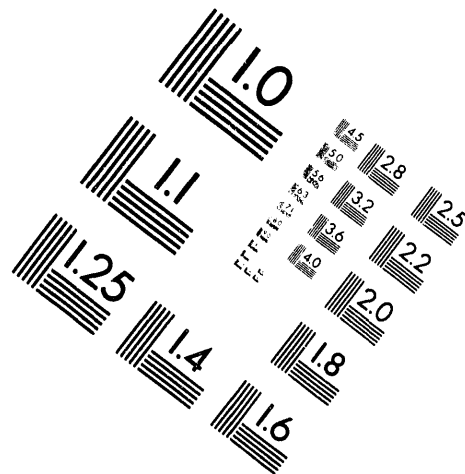
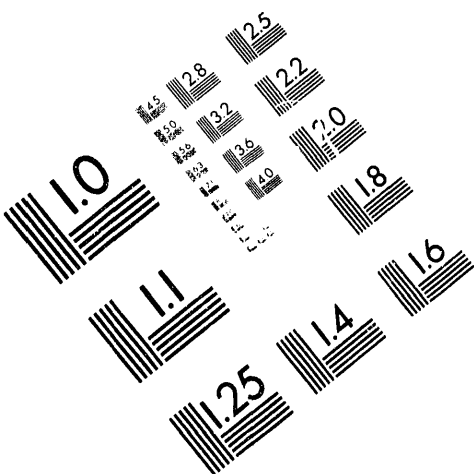
S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Num Dissolving Time of		
			Push 1	Push 2				Cuts	START	STCP
	*Dd-16	05/26/45	3.35	0	0	04/19/45 D		3	03:00 AM	
	*Dd-17	05/27/45	0	0	0			0		
	*Dd-18	05/28/45	0	0	0			0		
	*Bd-19	05/29/45	3.3	0	0	04/26/45 B		3	02:00 AM	
	*Bd-20	05/29/45	0	0	0			0	08:00 PM	
	*Bd-21	05/30/45	0	0	0			0	03:00 AM	
	*T4-05Bd-1	05/30/45	3.3	0	0	04/26/45 B		3	09:00 AM 01:30 PM	
	*T4-05Bd-2	06/01/45	0	0	0			0	08:25 PM	
	*T5-05Bd-1	06/02/45	0	0	0			0	04:00 AM	
	*T5-06Dd-1	06/06/45	3.39	0	0	05/03/45 D		3	05:45 PM	
	*T5-06Dd-2	06/07/45	0	0	0			0	01:45 AM	
	*T5-06Dd-3	06/07/45	0	0	0			0	07:00 PM	
	*Dd-4	06/21/45	3.39	0	0	05/20/45 D		3	04:30 AM	
	*Dd-5	06/22/45	0	0	0			0	12:30 AM	
	*Dd-6	06/22/45	0	0	0			0	10:30 PM	
	*Dd-7	06/22/45	3.39	0	0	05/20/45 D		3		
	*Dd-8	06/23/45	0	0	0			0		
	*Dd-9	06/26/45	0	0	0			0	01:30 AM	
	*Dd-10	06/26/45	3.39	0	0	05/20/45 D		2	06:00 PM	
	*Dd-11	06/27/45	0	0	0			0	02:00 AM	
	*Bd-1	07/05/45	3.34	0	0	05/31/45 B		3	08:10 PM	
	*Bd-2	07/06/45	0	0	0			0	02:15 AM	
	*Bd-3	07/06/45	0	0	0			0	08:00 PM	
	*Dd-4	07/09/45	3.3	0	0	06/04/45 D		3	08:30 PM	
	*Dd-5	07/10/45	0	0	0			0	08:00 PM	
	*Dd-6	07/12/45	0	0	0			0	08:00 PM	
	*Dd-7	07/13/45	2.05	1.27	0	06/04/45 D	06/21/45 D	3	08:30 PM	



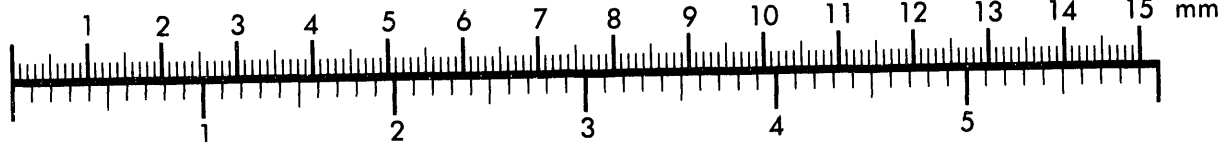
AIM

Association for Information and Image Management

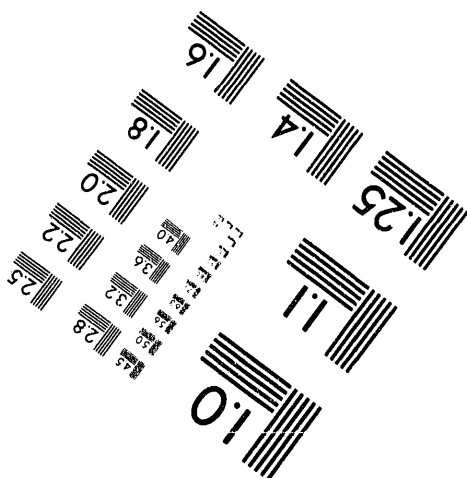
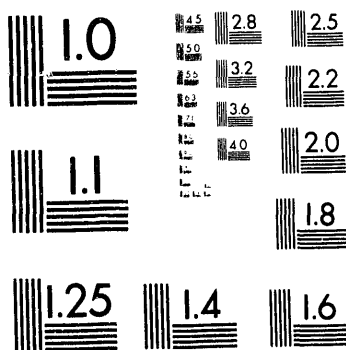
1100 Wayne Avenue, Suite 1100
Silver Spring, Maryland 20910
301/587-8202



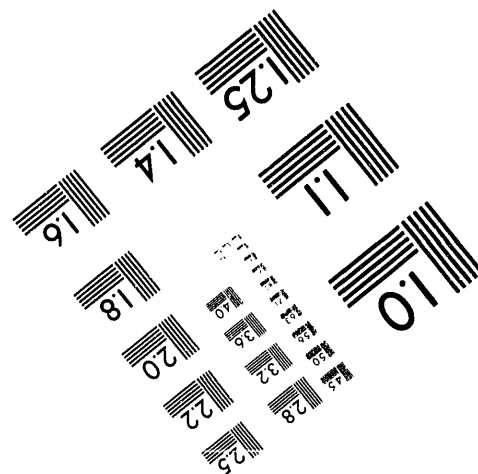
Centimeter



Inches



MANUFACTURED TO AIM STANDARDS
BY APPLIED IMAGE, INC.



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TABLE 6.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2						START	STOP
*Dd-8		07/22/45	0	0					0	02:00 AM	
*Dd-9		07/22/45	0	0					0	05:30 PM	
*Dd-10		07/23/45	0	3.32				06/21/45 D	3	01:30 AM	
*Dd-11		07/23/45	0	0					0	10:18 PM	
*Dd-12		07/24/45	0	0					0	11:00 PM	
*Dd-13		07/25/45	0	3.32				06/21/45 D	3	09:00 PM	
*Dd-14		07/26/45	0	0					0	09:35 PM	
*Dd-15		07/29/45	0	0					0	09:20 PM	
*Dd-16		07/30/45	0	3.32				06/21/45 D	3		
*Dd-17		08/01/45	0	0					0		
*Dd-18		07/31/45	0	0					0	09:45 PM	
*Dd-19		08/01/45	0	3.32				06/21/45 D	3	09:00 PM	
*Dd-20		08/02/45	0	0					0	09:00 PM	
*Dd-21		08/03/45	0	0					0	09:15 PM	
*Dd-1		08/04/45	3.25	0			07/05/45 D		3	09:00 PM	04:59 AM
*Dd-2		08/05/45	0	0					0	09:00 PM	04:30 AM
*Dd-3		08/06/45	0	0					0	08:29 PM	05:29 AM
*Dd-4		08/08/45	3.25	0			07/05/45 D		3	10:30 PM	
*Dd-5		08/09/45	0	0					0	09:30 PM	
*Dd-6		08/10/45	0	0					0	10:00 PM	
*Dd-7		08/12/45	3.25	0			07/05/45 D		3	12:00 AM	
*Dd-8		08/12/45	0	0					0		
*Dd-9		08/13/45	0	0					0		
*Dd-10		08/17/45	3.3	0			07/13/45 D		3	12:30 AM	
*Dd-11		08/17/45	0	0					0	12:45 AM	
*Dd-12		08/18/45	0	0					0	08:00 PM	
*Dd-13		08/17/45	3.3	0			07/13/45 D		3	08:00 PM	

TABLE 6.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2						START	STOP
*Dd-14		08/19/45	0	0	0				0	01:00 AM	
*Dd-15		08/19/45	0	0	0				0		
*Dd-16		08/19/45	3.29	0	0	07/13/45 D			3	08:45 PM	
*Dd-17		08/20/45	0	0	0				0		
*Dd-18		08/20/45	0	0	0				0	08:00 PM	
*Dd-19		08/27/45	3.3	0	0	07/26/45 D			3	11:00 PM	
*Dd-20		08/28/45	0	0	0				0	06:20 PM	
*Dd-21		08/29/45	0	0	0				0	02:00 AM	
*Dd-22		08/30/45	3.3	0	0	07/26/45 D			3	12:30 AM	
*Dd-23		08/30/45	0	0	0				0	08:05 PM	
*Dd-24		09/01/45	0	0	0				0	07:18 PM	
*Dd-1		08/31/45	3.3	0	0	07/26/45 D			3	07:30 PM	
*Dd-2		09/01/45	0	0	0				0	07:17 PM	
*Dd-3		09/05/45	0	0	0				0	01:00 AM	
*Fd-4		09/05/45	3.3	0	0	08/01/45 F			3	11:00 PM	
*Fd-5		09/06/45	0	0	0				0	08:00 PM	
*Fd-6		09/08/45	0	0	0				0	01:30 AM	
*Fd-7		09/06/45	3.3	0	0	08/01/45 F			3	11:45 PM	
*Fd-8		09/07/45	0	0	0				0	08:00 PM	
*Fd-9		09/07/45	0	0	0				0	08:45 PM	
*Fd-10		09/11/45	3.3	0	0	08/01/45 F			3		
*Fd-11		09/12/45	0	0	0				0		
*Fd-12		09/14/45	0	0	0				0		
*Dd-13		09/13/45	3.3	0	0	08/09/45 D			3		
*Dd-14		09/13/45	0	0	0				0		
*Dd-15		09/14/45	0	0	0				0		
*Dd-16		09/16/45	3.3	0	0	08/09/45 D			3		

TABLE 6.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*Dd-17		09/17/45	0	0	0			0		
*Dd-18		09/18/45	0	0	0			0		
*Fd-19		09/18/45	3.3			08/16/45 D		3		
*Fd-20		09/20/45	0	0	0			0		
*Dd-21		09/22/45	0	0	0			0		
*Dd-22		09/22/45	3.12	0.18		08/17/45 F	08/24/45 F	3		
*Fd-23		09/23/45	0	0	0			0		
*Fd-24		09/23/45	0	0	0			0		
*Fd-25		09/26/45	0	3.3			08/24/45 F	3		
*Fd-26		09/27/45	0	0	0			0		
*Fd-27		09/28/45	0	0	0			0		
*Fd-28		09/27/45	0.36	2.94		08/30/45 D	08/24/45 F	3		
*Fd-29		09/28/45	0	0	0			0		
*Fd-30		09/29/45	0	0	0			0		
*Dd-31		09/30/45	3.3			08/30/45 D		3		
*Dd-32		10/01/45	0	0	0			0		
*Dd-33		10/01/45	0	0	0			0		
*Dd-01		10/02/45	3.3	0	0	08/30/45 D		3		
*Dd-02		10/03/45	0	0	0			0		
*Dd-03		10/03/45	0	0	0			0		
*Dd-04		10/04/45	3.3	0	0	08/30/45 D		3		
*Dd-05		10/05/45	0	0	0			0		
*Dd-06		10/06/45	0	0	0			0		
*Dd-07		10/05/45	3.3	0	0	08/30/45 D		3		
*Dd-08		10/06/45	0	0	0			0		
*Dd-09		10/07/45	0	0	0			0		
*Dd-10		10/09/45	2.98	0.32			08/31/45 F	3		

TABLE 6.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*Dd-11		10/10/45	0					0		
*Dd-12		10/10/45	0	0				0		
*Fd-13		10/10/45	0	3.3			08/31/45 F	3		
*Fd-14		10/11/45	0	0				0		
*Fd-15		10/11/45	0	0				0		
*Fd-16		10/12/45	0	3.3			08/31/45 F	3		
*Fd-17		10/12/45	0	0				0		
*Fd-18		10/13/45	0	0				0		
*Fd-19		10/14/45	0	3.3			08/31/45 F	3		
*Fd-20		10/15/45	0	0				0		
*Fd-21		10/15/45	0	0				0		
*Fd-22		10/16/45	0	3.3			08/31/45 F	3		
*Fd-23		10/17/45	0	0				0		
*Fd-24		10/17/45	0	0				0		
*Fd-25		10/17/45	0.33	2.97	09/07/45 F			3		
*Fd-26		10/18/45	0	0				0		
*Fd-27		10/18/45	0	0				0		
*Fd-28		10/19/45	3.3	0	09/07/45 F			3		
*Fd-29		10/20/45	0	0				0		
*Fd-30		10/20/45	0	0				0		
*Fd-31		10/20/45	3.3		09/07/45 F			3		
*Fd-32		10/21/45	0	0				0		
*Fd-33		10/23/45	0	0				0		
*Fd-34		10/24/45	1.72	1.58			09/14/45 F	3		
*Fd-35		10/23/45	0	0				0		
*Fd-36		10/25/45	0	0				0		
*Fd-37		10/25/45	0	3.3			09/14/45 F	3		

TABLE 6.1.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2							START	STOP
*Fd-38		10/26/45	0	0	0					0		
*Fd-39		10/27/45	0	0	0					0		
*Bd-40		10/26/45	3.16	0.14	0.14	09/19/45 B		09/14/45 F		3		
*Bd-41		10/27/45	0	0	0					0		
*Bd-42		10/29/45	0	0	0					0		
*Bd-43		10/28/45	3.34	0	0	09/19/45 B		09/14/45 F		3		
*Bd-44		10/29/45	0	0	0					0		
*Bd-45		10/29/45	0	0	0					0		
*Bd-46		10/30/45	3.34	0	0	09/19/45 B				3		
*Bd-47		10/31/45	0	0	0					0		
*Bd-48		11/01/45	0	0	0					0		
*Bd-49		10/31/45	3.34	0	0	09/19/45 B				0		
*Bd-50		11/01/45	0	0	0					0		
*Bd-01		11/03/45	3.34	0	0	09/19/45 B				3		
*Bd-02		11/04/45	0	0	0					0		
*Bd-03		11/04/45	0	0	0					0		
*Fd-04		11/03/45	3.3	0	0	09/22/45 F				3		
*Fd-05		11/04/45	0	0	0					0		
*Fd-06		11/05/45	0	0	0					0		
*Fd-07		11/06/45	3.3	0	0	09/22/45 F				3	10:30 PM 04:59 AM	
*Fd-08		11/07/45	0	0	0					0	06:00 PM 10:30 PM	
*Fd-09		11/08/45	0	0	0					0	02:29 AM 12:00 PM	
*Fd-10		11/08/45	3.3	0	0	09/22/45 F				3		
*Fd-11		11/08/45	0	0	0					0	06:29 AM 04:30 AM	
*Fd-12		11/09/45	0	0	0					0		
*Fd-13		11/10/45	3.3	0	0	09/22/45 F				3		
*Fd-14		11/11/45	0	0	0					0		

TABLE 6.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*Fd-15		11/12/45	0	0	0			0		
*Fd-16		11/11/45	3.29	0	0	09/22/45 F		3		
*Fd-17		11/12/45	0	0	0			0		
*Fd-18		11/13/45	0	0	0			0	12:00 AM	
*Fd-19		11/13/45	3.31	0	0	09/27/45 F		3	11:30 PM 07:30 AM	
*Fd-20		11/14/45	0	0	0			0	06:30 PM 10:30 AM	
*Fd-21		11/15/45	0	0	0			0	06:30 PM 06:00 AM	
*Fd-22		11/15/45	3.31	0	0	09/27/45 F		3		
*Fd-23		11/16/45	0	0	0			0		
*Fd-24		11/16/45	0	0	0			0		
*Fd-25		11/17/45	3.31	0	0	09/27/45 F		3		
*Fd-26		11/18/45	0	0	0			0		
*Fd-27		11/18/45	0	0	0			0		
*Fd-28		11/17/45	3.27	0	0	09/27/45 F		3		
*Fd-29		11/18/45	0	0	0			0		
*Fd-30		11/19/45	0	0	0			0		
*Bd-31		11/21/45	3.27	0	0	10/02/45 B		3		
*Bd-32		11/23/45	0	0	0			0		
*Bd-33		11/24/45	0	0	0			0		
*Bd-34		11/24/45	3.27	0	0	10/02/45 B		3		
*Bd-35		11/25/45	0	0	0			0		
*Bd-36		11/26/45	0	0	0			0		
*Bd-37		11/25/45	3.27	0	0	10/02/45 B		3		
*Bd-38		11/26/45	0	0	0			0		
*Bd-39		11/28/45	0	0	0			0		
*Fd-40		11/28/45	3.3	0	0	10/11/45 F		3		
*Fd-41		11/29/45	0	0	0			0		

TABLE 6.1.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2							START	STOP
*Fd-42		11/29/45	0	0						0		
*Fd-43		11/30/45		3.3		10/11/45 F			10/16/45 F	2		
*Fd-44		11/30/45	0	0						0		
*Fd-01		11/30/45		3.3					10/16/45 F	3		
*Fd-02		12/01/45	0	0						0		
*Fd-03		12/02/45	0	0						0		
*Fd-04		12/01/45	2.13	1.36		09/07/45 F			10/16/45 F	3		
*Fd-05		12/02/45	0	0						0		
*Fd-06		12/04/45	0	0						0		
*Fd-07		12/05/45	2.81	0.49		09/14/45 F			10/16/45 F	3		
*Fd-08		12/04/45	0	0						0		
*Fd-09		12/05/45	0	0						0		
*Fd-10		12/06/45	0	3.3					10/16/45 F	3		
*Fd-11		12/05/45	0	0						0		
*Fd-12		12/06/45	0	0						0		
*Bd-13		12/07/45	1.87	1.43		10/30/45 B			10/16/45 F	3		
*Bd-14		12/08/45	0	0						0		
*Bd-15		12/09/45	0	0						0		
*Bd-16		12/08/45	3.3	0		10/30/45 B				3		
*Bd-17		12/09/45	0	0						0		
*Bd-18		12/10/45	0	0						0		
*Bd-19		12/10/45	3.3	0		10/30/45 B				3		
*Bd-20		12/11/45	0	0						0		
*Bd-21		12/12/45	0	0						0		
*Bd-22		12/12/45	3.3	0		10/30/45 B				3		
*Bd-23		12/12/45	0	0						0		
*Bd-24		12/12/45	0	0						0		

0 04:00 PM 09:29 PM
0 11:15 PM 06:29 AM
3 04:00 PM 09:29 PM
0 11:30 PM 08:30 AM
0

TABLE 6.1.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2						START	STOP
*Dd-25		12/12/45	1.83	1.11	10/30/45 B	11/06/45 D	3				
*Dd-26		12/13/45	0	0			0				
*Dd-27		12/14/45	0	0			0				
*Dd-28		12/13/45		2.94		11/06/45 D	3				
*Dd-29		12/14/45	0	0			0				
*Dd-30		12/14/45	0	0			0				
*Dd-31		12/15/45		2.94		11/06/45 D	3				
*Dd-32		12/15/45	0	0			0				
*Dd-33		12/17/45	0	0			0				
*Dd-34		12/18/45	0	2.94		11/06/45 D	3				
*Dd-35		12/16/45	0	0			0				
*Dd-36		12/17/45		0			0				
*Dd-37		12/18/45	0	2.94		11/06/45 D	2				
*Dd-38		12/21/45	0	0			0				
*Fd-39		12/23/45	0.38	2.55	11/06/45 D	10/11/45 F	3				
*Fd-40		12/24/45	0	0			0				
*Fd-41		12/26/45	0	0			0				
*Dd-42		12/27/45	2.94		10/09/45 D		3				
*Dd-43		12/28/45	0	0			0				
*Dd-44		12/28/45	0	0			0				
*Dd-45		12/29/45	1.53	1.4	11/06/45 D	10/11/45 F	3				
*Dd-46		12/30/45	0	0			0				
*Dd-47		12/31/45	0	0			0				
*Fd-1		01/02/46	0	3.3		10/11/45 F	3				
*Fd-2		01/03/46	0	0			0				
*Fd-3		01/04/46	0	0			0				
*Dd-4		01/05/46	2.6	0.71	10/25/45 D	10/11/45 F	3				

TABLE 6.1.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*Dd-5		01/06/46	0	0	0			0		
*Dd-6		01/07/46	0	0	0			0		
*Dd-7		01/07/46	3.3			10/25/45 D		3		
*Dd-8		01/08/46	0	0	0			0		
*Dd-9		01/09/46	0	0	0			0		
*Fd-10		01/09/46	0.92	2.38		10/25/45 D	11/01/45 F	3		
*Fd-11		01/10/46	0	0	0			0		
*Fd-12		01/11/46	0	0	0			0		
*Fd-13		01/12/46		3.3			11/01/45 F	3		
*Fd-14		01/13/46	0	0	0			0		
*Fd-15		01/14/46	0	0	0			0		
*Dd-16		01/14/46	1.77	1.54		11/13/45 D	11/01/45 F	3		
*Dd-17		01/15/46	0	0	0			0		
*Dd-18		01/16/46	0	0	0			0		
*Dd-19		01/18/46	3.3	0	0	11/13/45 D		3		
*Dd-20		01/19/46	0	0	0			0		
*Dd-21		01/20/46	0	0	0			0		
*Fd-22		01/22/46	1.93	1.38		11/13/45 D	11/21/45 F	3		
*Fd-23		01/23/46	0	0	0			0		
*Fd-24		01/24/46	0	0	0			0		
*Fd-25		01/24/46	0	3.3			11/21/45 F	3		
*Fd-26		01/25/46	0	0	0			0		
*Fd-27		01/25/46	0	0	0			0		
*Bd-28		01/26/46	1.61	1.69		11/15/45 B	11/21/45 F	3		
*Bd-29		01/27/46	0	0	0			0		
*Bd-30		01/27/46	0	0	0			0		
*Bd-1		02/01/46	0.32	2.95		11/15/45 B	12/11/45 B	3		

TABLE 6.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
										START	STOP
*Bd-2		02/02/46	0	0	0				0		
*Bd-3		02/03/46	0	0	0				0		
*Bd-4		02/04/46	0	3.27				12/11/45 B	3		
*Bd-5		02/05/46	0	0	0				0		
*Bd-6		02/06/46	0	0	0				0		
*Bd-7		02/07/46	0	3.27				12/11/45 B	3		
*Bd-8		02/08/46	0	0	0				0		
*Bd-9		02/07/46	0	0	0				0		
*Bd-10		02/11/46	0	3.27				12/11/45 B	3		
*Bd-11		02/12/46	0	0	0				0		
*Bd-12		02/13/46	0	0	0				0		
*Bd-13		02/15/46	0	3.27				12/11/45 B	3		
*Bd-14		02/15/46	0	0	0				0		
*Bd-15		02/16/46	0	0	0				0		
*Bd-16		02/18/46	0	3.27				12/11/45 B	3		
*Bd-17		02/19/46	0	0	0				0		
*Bd-18		02/20/46	0	0	0				0		
*Bd-19		02/20/46	0	3.27				12/11/45 B	3		
*Bd-20		02/23/46	0	0	0				0		
*Bd-21		02/28/46	0	0	0				0		
*Bd-22		02/28/46	0	3.27				12/11/45 B	3		
*Bd-23		02/28/46	0	0	0				0		
*Bd-24		03/01/46	0	0	0				0		
*Bd-1		03/06/46	0	3.27				12/11/45 B	3		
*Bd-2		03/06/46	0	0	0				0		
*Bd-3		03/07/46	0	0	0				0		
*Bd-4		03/09/46	0	3.27				12/11/45 B	3		

TABLE 6.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2						START	STOP
*Bd-5		03/10/46	0	0	0				0		
*Bd-6		03/11/46	0	0	0				0		
*Fd-7		03/11/46	3.3	0	01/03/46 F				3		
*Fd-8		03/12/46	0	0	0				0		
*Fd-9		03/13/46	0	0	0				0		
*Fd-10		03/17/46	3.3	0	01/03/46 F				3		
*Fd-11		03/18/46	0	0	0				0		
*Fd-12		03/18/46	0	0	0				0		
*Fd-13		03/17/46	3.3	0	01/02/46 F				3		
*Fd-14		03/18/46	0	0	0				0		
*Fd-15		03/19/46	0	0	0				0		
*Fd-16		03/20/46	3.3	0	01/03/46 F				3		
*Fd-17		03/21/46	0	0	0				0		
*Fd-18		03/21/46	0	0	0				0		
*Fd-19		03/21/46	3.2	0	01/03/46 F				3		
*Fd-20		03/22/46	0	0	0				0		
*Fd-21		03/22/46	0	0	0				0		
*Dd-22		03/24/46	3.31	0	01/29/46 D				3		
*Dd-23		03/25/46	0	0	0				0		
*Dd-24		03/26/46	0	0	0				0		
*Dd-25		03/26/46	3.31	0	01/29/46 D				3		
*Dd-26		03/27/46	0	0	0				0		
*Dd-27		03/28/46	0	0	0				0		
*Dd-28		03/29/46	3.31	0	01/29/46 D				3		
*Dd-29		03/27/46	0	0	0				0		
*Dd-30		03/28/46	0	0	0				0		
*Dd-31		03/28/46	3.28	0	01/29/46 D				3		

TABLE 6.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2						START	STOP
	*Dd-32	03/29/46	0	0	0	0			0		
	*Dd-33	03/30/46	0	0	0	0			0		
	*Fd-1	04/01/46	3.31	0	0	0	02/07/46 F		3		
	*Fd-2	04/02/46	0	0	0	0			0		
	*Fd-3	04/03/46	0	0	0	0			0		
	*Fd-4	04/02/46	3.31	0	0	0	02/07/46 F		3		
	*Fd-5	04/04/46	0	0	0	0			0		
	*Fd-6	04/05/46	0	0	0	0			0		
	*Fd-7	04/04/46	3.31	0	0	0	02/07/46 F		3		
	*Fd-8	04/05/46	0	0	0	0			0		
	*Fd-9	04/06/46	0	0	0	0			0		
	*Fd-10	04/06/46	3.31	0	0	0	02/07/46 F		3		
	*Fd-11	04/07/46	0	0	0	0			0		
	*Fd-12	04/08/46	0	0	0	0			0		
	*Fd-13	04/12/46	3.23	0	0	0	02/07/46 F		3		
	*Fd-14	04/13/46	0	0	0	0			0		
	*Fd-15	04/14/46	0	0	0	0			0		
	*Fd-16	04/15/46	3.3	0	0	0	02/21/46 F		3		
	*Fd-17	04/16/46	0	0	0	0			0		
	*Fd-18	04/16/46	0	0	0	0			0		
	*Fd-19	04/16/46	3.3	0	0	0	02/21/46 F		3		
	*Fd-20	04/16/46	0	0	0	0			0		
	*Fd-21	04/17/46	0	0	0	0			0		
	*Fd-22	04/17/46	3.3	0	0	0	02/21/46 F		3		
	*Fd-23	04/18/46	0	0	0	0			0		
	*Fd-24	04/19/46	0	0	0	0			0		
	*Fd-25	04/20/46	3.26	0	0	0	02/21/46 F		3		

TABLE 6.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time
			Push 1	Push 2						
*Fd-26		04/21/46	0	0	0				0	
*Fd-27		04/21/46	0	0	0				0	
*Dd-28		04/23/46	3.3	0	0	02/26/46 D			3	
*Dd-29		04/24/46	0	0	0				0	
*Dd-30		04/24/46	0	0	0				0	
*Dd-31		04/24/46	3.3	0	0	02/26/46 D			3	
*Dd-32		04/25/46	0	0	0				0	
*Dd-33		04/25/46	0	0	0				0	
*Dd-34		04/26/46	3.3	0	0	02/26/46 D			3	
*Dd-35		04/26/46	0	0	0				0	
*Dd-36		04/27/46	0	0	0				0	
*Dd-37		04/27/46	3.3	0	0	02/26/46 D			3	
*Dd-38		04/27/46	0	0	0				0	
*Dd-39		04/28/46	0	0	0				0	
*Dd-40		04/30/46	3.22	0	0	02/26/46 D			3	
*Dd-41		05/01/46	0	0	0				0	
*Dd-42		05/01/46	0	0	0				0	
*Dd-1		05/02/46	3.29	0	0	03/12/46 D			3	
*Dd-2		05/03/46	0	0	0				0	
*Dd-3		05/04/46	0	0	0				0	
*Dd-4		05/03/46	3.29	0	0	03/12/46 D			3	
*Dd-5		05/04/46	0	0	0				0	
*Dd-6		05/05/46	0	0	0				0	
*Dd-7		05/06/46	3.22	0	0	03/12/46 D			3	
*Dd-8		05/07/46	0	0	0				0	
*Dd-9		05/08/46	0	0	0				0	
*Bd-10		05/08/46	2.57	0	0	03/19/46 B			3	

TABLE 6.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2						START	STOP
	*Bd-11	05/09/46	0	0					0		
	*Bd-12	05/10/46	0	0					0		
	*Bd-13	05/10/46	2.57				03/19/46 B		3		
	*Bd-14	05/11/46	0	0					0		
	*Bd-15	05/13/46	0	0					0		
	*Bd-16	05/14/46	2.57				03/19/46 B		3		
	*Bd-17	05/14/46	0	0					0		
	*Bd-18	05/15/46	0	0					0		
	*Bd-19	05/15/46	2.57				03/19/46 B		3		
	*Bd-20	05/16/46	0	0					0		
	*Bd-21	05/16/46	0	0					0		
	*Bd-22	05/16/46	2.57				03/19/46 B		3		
	*Bd-23	05/17/46	0	0					0		
	*Bd-24	05/18/46	0	0					0		
	*Bd-25	05/20/46	2.57				03/19/46 B		3		
	*Bd-26	05/23/46	0	0					0		
	*Bd-27	05/25/46	0	0					0		
	*Bd-28	05/26/46	2.57				03/19/46 B		3		
	*Bd-29	05/28/46	0	0					0		
	*Bd-30	05/30/46	0	0					0		
	*Fd-1	06/02/46	0.49				01/18/46 D	03/19/46 B	3		
	*Fd-2	06/03/46	0	0			2.08		0		
	*Fd-3	06/05/46	0	0					0		
	*Bd-4	06/06/46	0.7				1.87	03/19/46 F	3		
	*Bd-5	06/07/46	0	0					0		
	*Bd-6	06/09/46	0	0					0		
	*Bd-7	06/10/46	0	0			2.57	03/19/46 B	3		

TABLE 6.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*Bd-8		06/11/46	0	0	0			0		
*Bd-9		06/13/46	0	0	0			0		
*Bd-10		06/14/46	0	2.57	03/19/46 B			3		
*Bd-11		06/16/46	0	0	0			0		
*Bd-12		06/17/46	0	0	0			0		
*Bd-13		06/18/46	0	2.57	03/19/46 B			3		
*Bd-14		06/20/46	0	0	0			0		
*Bd-15		06/21/46	0	0	0			0		
*Bd-16		06/22/46	0.32	2.25	04/02/46 F			3		
*Bd-17		06/24/46	0	0	03/19/46 B			0		
*Bd-18		06/25/46	0	0	0			0		
*Dd-19		06/26/46	0	2.55	05/21/46 D			3		
*Dd-20		06/28/46	0	0	0			0		
*Dd-21		06/29/46	0	0	0			0		
*Dd-1		07/02/46	3.31	0	04/23/46 D			3		
*Dd-2		07/03/46	0	0	0			0		
*Dd-3		07/04/46	0	0	0			0		
*Dd-4		07/05/46	3.31	0	04/23/46 D			3		
*Dd-5		07/06/46	0	0	0			0		
*Dd-6		07/07/46	0	0	0			0		
*Dd-7		07/09/46	3.31	0	04/23/46 D			3		
*Dd-8		07/10/46	0	0	0			0		
*Dd-9		07/11/46	0	0	0			0		
*Fd-10		07/12/46	3.28	0	05/02/46 F			3		
*Fd-11		07/13/46	0	0	0			0		
*Fd-12		07/14/46	0	0	0			0		
*Fd-13		07/15/46	3.28	0	05/02/46 F			3		

TABLE 6.1.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*Fd-14		07/17/46	0	0	0			0		
*Fd-15		07/18/46	0	0	0			0		
*Fd-16		07/19/46	3.28	0	0	05/09/46 F		3		
*Fd-17		07/20/46	0	0	0			0		
*Fd-18		07/21/46	0	0	0			0		
*Fd-19		07/22/46	3.28	0	0	05/09/46 F		3		
*Fd-20		07/23/46	0	0	0			0		
*Fd-21		07/25/46	0	0	0			0		
*Fd-22		07/26/46	3.28	0	0	05/15/46 F		3		
*Fd-23		07/27/46	0	0	0			0		
*Fd-24		07/28/46	0	0	0			0		
*Fd-25		07/29/46	3.28	0	0	05/15/46 F		3		
*Fd-26		07/30/46	0	0	0			0		
*Fd-27		08/01/46	0	0	0			0		
*Fd 1		08/17/46	0	3.3	0		05/29/04 6 F	3		
*Fd 2		08/17/46	0	0	0			0		
*Fd 3		08/18/46	0	0	0			0		
*Fd 4		08/25/46	0	3.3	0		05/29/04 6 F	3		
*Fd 5		08/25/46	0	0	0			0		
*Fd 6		08/26/46	0	0	0			0		
*Fd 1		09/04/46	0	3.3	0		07/10/04 6 F	3		
*Fd 2		09/04/46	0	0	0			0		
*Fd 3		09/05/46	0	0	0			0		
*Fd 4		09/20/46	0	3.3	0		07/10/04 6 F	3		
*Fd 5		09/20/46	0	0	0			0		
*Fd 6		09/21/46	0	0	0			0		
*Dd 1		10/08/46	0	3.3	0		08/13/04 6 I	3		

TABLE 6.1.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2						START	STOP
*Dd 2		10/08/46	0	0		0			0		
*Dd 3		10/09/46	0	0		0			0		
*Dd 4		10/23/46	0	3.3		3.3		08/13/04	6 I		
*Dd 5		10/23/46	0	0		0			0		
*Dd 6		10/24/46	0	0		0			0		
*Dd 1		11/08/46	0	3.3		3.3		09/10/04	6 I		
*Dd 2		11/08/46	0	0		0			0		
*Dd 3		11/09/46	0	0		0			0		
*Dd 4		11/12/46	0	3.3		3.3		09/10/04	6 I		
*Dd 5		11/12/46	0	0		0			0		
*Dd 6		11/13/46	0	0		0			0		
*Dd 7		11/15/46	0	3.3		3.3		09/10/04	6 I		
*Dd 8		11/15/46	0	0		0			0		
*Dd 9		11/16/46	0	0		0			0		
*Dd 10		11/18/46	0	3.3		3.3		09/24/04	6 I		
*Dd 11		11/18/46	0	0		0			0		
*Dd 12		11/19/46	0	0		0			0		
*Dd 13		11/22/46	0	3.3		3.3		09/24/04	6 I		
*Dd 14		11/22/46	0	0		0			0		
*Dd 15		11/23/46	0	0		0			0		
*Fd 16		11/26/46	0	3.3		3.3		09/25/04	6 F		
*Fd 17		11/26/46	0	0		0			0		
*Fd 18		11/27/46	0	0		0			0		
*Fd 19		11/29/46	0	3.3		3.3		09/25/04	6 F		
*Fd 20		11/29/46	0	0		0			0		
*Fd 21		11/30/46	0	0		0			0		
*Dd 22		12/04/46	0	3.3		3.3		10/01/04	6 I		

TABLE 6.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2							START	STOP
*Dd23		12/04/46	0	0	0					0		
*Dd24		12/05/46	0	0	0					0		
*Fd 1		12/06/46	0	3.3	3.3				10/02/04 6 F	3		
*Fd 2		12/06/46	0	0	0					0		
*Fd 3		12/07/46	0	0	0					0		
*Fd 4		12/09/46	0	3.3	3.3				10/02/04 6 F	3		
*Fd 5		12/09/46	0	0	0					0		
*Fd 6		12/10/46	0	0	0					0		
*Fd 7		12/13/46	0	3.3	3.3				10/02/04 6 F	3		
*Fd 8		12/13/46	0	0	0					0		
*Fd 9		12/14/46	0	0	0					0		
*Fd10		12/15/46	0	3.3	3.3				10/23/04 6 F	3		
*Fd11		12/15/46	0	0	0					0		
*Fd12		12/16/46	0	0	0					0		
*Fd13		12/21/46	0	3.3	3.3				10/23/04 6 F	3		
*Fd14		12/21/46	0	0	0					0		
*Fd15		12/22/46	0	0	0					0		
*Fd16		12/25/46	0	2.88	2.88				10/23/04 6 F	3		
*Fd17		12/25/46	0	0	0					0		
*Fd18		12/26/46	0	0	0					0		
*Fd 1		01/03/47	0	3.99	3.99				11/04/04 6 F	3		
*Fd 2		01/03/47	0	0	0					0		
*Fd 3		01/04/47	0	0	0					0		
*Fd 4		01/08/47	0	3.3	3.3				11/04/04 6 F	3		
*Fd 5		01/08/47	0	0	0					0		
*Fd 6		01/09/47	0	0	0					0		
*Dd 7		01/10/47	0	3.3	3.3				11/04/04 6 F	3		

TABLE 6.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 1					START	STOP
*Dd 8		01/10/47	0		0			0		
*Dd 9		01/11/47	0		0			0		
*Dd10		01/18/47	0		3.3		11/04/04 6 F	3		
*Dd11		01/18/47	0		0			0		
*Dd12		01/19/47	0		0			0		
*Dd13		01/22/47	0		3.3		11/27/04 6 F	3		
*Dd14		01/22/47	0		0			0		
*Dd15		01/23/47	0		0			0		
*Dd16		01/26/47	0		3.3		11/27/04 6 F	3		
*Dd17		01/26/47	0		0			0		
*Dd18		01/27/47	0		0			0		
*Fd19		01/29/47	0		3.3		11/27/04 6 F	3		
*Fd20		01/29/47	0		0			0		
*Fd21		01/30/47	0		0			0		
*Fd22		02/04/47	0		3.3		12/11/04 6 F	3		
*Fd23		02/04/47	0		0			0		
*Fd24		02/05/47	0		0			0		
*Fd 1		02/07/47	0		3.3		12/11/04 6 F	3		
*Fd 2		02/07/47	0		0			0		
*Fd 3		02/08/47	0		0			0		
*Fd 4		02/12/47	0		3.3		12/11/04 6 F	3		
*Fd 5		02/12/47	0		0			0		
*Fd 6		02/13/47	0		0			0		
*Fd 7		02/15/47	0		3.3		12/11/04 6 F	3		
*Fd 8		02/15/47	0		0			0		
*Fd 9		02/16/47	0		0			0		
*Fd10		02/19/47	0		3.3		12/26/04 6 F	3		

TABLE 6.1.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2						START	STOP
*Fd11		02/19/47	0	0					0		
*Fd12		02/20/47	0	0					0		
*Fd13		02/22/47	0	3.3				12/26/04 6 F	3		
*Fd14		02/22/47	0	0					0		
*Fd15		02/23/47	0	0					0		
*Fd16		02/26/47	0	3.3				12/26/04 6 F	3		
*Fd17		02/26/47	0	0					0		
*Fd18		02/27/47	0	0					0		
*Dd 1		03/01/47	0	3.3				12/26/04 6 F	3		
*Dd 2		03/01/47	0	0					0		
*Dd 3		03/02/47	0	0					0		
*Dd 4		03/06/47	0	3.3				01/07/04 7 L	3		
*Dd 5		03/06/47	0	0					0		
*Dd 6		03/07/47	0	0					0		
*Dd 7		03/09/47	0	3.3				01/07/04 7 L	3		
*Dd 8		03/09/47	0	0					0		
*Dd 9		03/10/47	0	0					0		
*Dd10		03/13/47	0	3.3				01/07/04 7 L	3		
*Dd11		03/13/47	0	0					0		
*Dd12		03/14/47	0	0					0		
*Fd13		03/16/47	0	3.3				01/14/04 7 F	3		
*Fd14		03/16/47	0	0					0		
*Fd15		03/17/47	0	0					0		
*Fd16		03/19/47	0	3.3				01/14/04 7 F	3		
*Fd17		03/19/47	0	0					0		
*Fd18		03/20/47	0	0					0		
*Fd19		03/23/47	0	3.3				01/14/04 7 F	3		

TABLE 6.1. (contd)

S	Cut ID	Date		Tons Charged		Push 1	Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
		Dissolved		Push 1							START	STOP
	*Fd20		03/23/47	0	0					0		
	*Fd21		03/24/47	0	0					0		
	*Fd22		03/27/47	0	3.3				01/14/04 7 F	3		
	*Fd23		03/27/47	0	0					0		
	*Fd24		03/28/47	0	0					0		
	*Fd25		03/30/47	0	3.3				01/29/04 7 F	3		
	*Fd26		03/30/47	0	0					0		
	*Fd27		03/31/47	0	0					0		
	*Fd 1		04/04/47	0	3.3				01/29/04 7 F	3		
	*Fd 2		04/04/47	0	0					0		
	*Fd 3		04/05/47	0	0					0		
	*Fd 4		04/06/47	0	3.3				01/29/04 7 F	3		
	*Fd 5		04/06/47	0	0					0		
	*Fd 6		04/07/47	0	0					0		
	*Dd 7		04/11/47	0	3.3				02/11/04 7 L	3		
	*Fd 8		04/11/47	0	0					0		
	*Fd 9		04/12/47	0	0					0		
	*Fd10		04/17/47	0	3.3				02/11/04 7 L	3		
	*Fd11		04/17/47	0	0					0		
	*Fd12		04/18/47	0	0					0		
	*Fd13		04/20/47	0	3.3				02/11/04 7 L	3		
	*Fd14		04/20/47	0	0					0		
	*Fd15		04/21/47	0	0					0		
	*Fd16		04/23/47	0	3.3				02/11/04 7 L	3		
	*Dd17		04/23/47	0	0					0		
	*Dd18		04/24/47	0	0					0		
	*Fd19		04/25/47	0	3.3				02/26/04 7 F	3		

TABLE 6.1.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2						START	STOP
*Fd20		04/25/47	0	0					0		
*Fd21		04/26/47	0	0					0		
*Fd22		04/29/47	0	3.3				02/26/04 7 F	3		
*Fd23		04/29/47	0	0					0		
*Fd24		04/30/47	0	0					0		
*Fd25		05/02/47	0	3.3				02/26/04 7 F	3		
*Fd26		05/02/47	0	0					0		
*Fd27		05/03/47	0	0					0		
*Fd 1		05/07/47	0	3.3				03/09/04 7 F	3		
*Fd 2		05/07/47	0	0					0		
*Fd 3		05/08/47	0	0					0		
*Fd 4		05/10/47	0	3.3				03/09/04 7 F	3		
*Fd 5		05/10/47	0	0					0		
*Fd 6		05/11/47	0	0					0		
*Fd 7		05/14/47	0	3.3				03/09/04 7 F	3		
*Fd 8		05/14/47	0	0					0		
*Fd 9		05/15/47	0	0					0		
*Fd10		05/15/47	0	3.3				03/16/04 7 F	3		
*Fd11		05/15/47	0	0					0		
*Fd12		05/16/47	0	0					0		
*Fd13		05/20/47	0	3.3				03/16/04 7 F	3		
*Fd14		05/20/47	0	0					0		
*Fd15		05/21/47	0	0					0		
*Fd16		05/24/47	0	3.3				03/23/04 7 F	3		
*Fd17		05/24/47	0	0					0		
*Fd18		05/25/47	0	0					0		
*Fd19		05/29/47	0	3.3				03/23/04 7 F	3		

TABLE 6.1.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 1					START	STOP
*Fd20		05/29/47	0		0			0		
*Fd21		05/30/47	0		0			0		
*Dd1		06/07/47	0		3.3		04/06/04 7 I	3		
*Dd2		06/07/47	0		0			0		
*Dd3		06/08/47	0		0			0		
*Dd4		06/12/47	2.47	04/06/04 7 D	0.82	04/06/4	7 I	3		
*Dd5		06/12/47	0		0			0		
*Dd6		06/13/47	0		0			0		
*Dd7		06/17/47	0		3.3		04/06/04 7 I	3		
*Dd8		06/17/47	0		0			0		
*Dd9		06/18/47	0		0			0		
*Dd10		06/27/47	0		3.3		04/15/04 7 I	3		
*Dd11		06/27/47	0		0			0		
*Dd12		06/28/47	0		0			0		
*Dd13		06/30/47	0		3.3		04/15/04 7 I	3		
*Dd14		06/30/47	0		0			0		
*Dd15		07/01/47	0		0			0		
*Dd1		07/03/47	0		3.3		04/15/04 7 I	3		
*Dd2		07/03/47	0		0			0		
*Dd3		07/04/47	0		0			0		
*Dd4		07/05/47	0		3.3		04/15/04 7 I	3		
*Dd5		07/05/47	0		0			0		
*Dd6		07/06/47	0		0			0		
*Dd7		07/09/47	0		3.3		04/29/04 7 I	3		
*Dd8		07/09/47	0		0			0		
*Dd9		07/10/47	0		0			0		
*Dd10		07/12/47	0		3.3		04/29/04 7 I	3		

TABLE 6.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2						START	STOP
*Dd11		07/12/47	0	0		0			0		
*Dd12		07/13/47	0	0		0			0		
*Dd13		07/05/47	0	3.3		3.3		04/29/04 7 L	3		
*Dd14		07/05/47	0	0		0			0		
*Dd15		07/06/47	0	0		0			0		
*Dd16		07/20/47	0	3.3		3.3		05/06/04 7 L	3		
*Dd17		07/20/47	0	0		0			0		
*Dd18		07/21/47	0	0		0			0		
*Dd19		07/23/47	0	3.3		3.3		05/06/04 7 L	3		
*Dd20		07/23/47	0	0		0			0		
*Dd21		07/24/47	0	0		0			0		
*Dd22		07/25/47	0	3.3		3.3		05/06/04 7 L	3		
*Dd23		07/25/47	0	0		0			0		
*Dd24		07/26/47	0	0		0			0		
*Dd25		07/28/47	0	3.3		3.3		05/13/04 7 L	3		
*Dd26		07/28/47	0	0		0			0		
*Dd27		07/29/47	0	0		0			0		
*Dd 1		08/01/47	0	3.3		3.3		05/13/04 7 L	3		
*Dd 2		08/01/47	0	0		0			0		
*Dd 3		08/02/47	0	0		0			0		
*Dd 4		08/06/47	0	3.3		3.3		05/13/04 7 L	3		
*Dd 5		08/06/47	0	0		0			0		
*Dd 6		08/07/47	0	0		0			0		
*Fd 7		08/10/47	0	3.3		3.3		05/21/04 7 F	3		
*Fd 8		08/10/47	0	0		0			0		
*Fd 9		08/11/47	0	0		0			0		
*Fd10		08/14/47	0	3.3		3.3		05/21/04 7 F	3		

TABLE 6.1.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2							START	STOP
*Fd11		08/14/47	0	0	0					0		
*Fd12		08/15/47	0	0	0					0		
*Dd13		08/18/47	0	3.3	3.3				06/03/04 7 L	3		
*Dd14		08/18/47	0	0	0					0		
*Dd15		08/19/47	0	0	0					0		
*Dd16		08/20/47	0	3.3	3.3				06/03/04 7 L	3		
*Dd17		08/20/47	0	0	0					0		
*Dd18		08/21/47	0	0	0					0		
*Dd19		08/25/47	0	3.3	3.3				06/03/04 7 L	3		
*Dd20		08/25/47	0	0	0					0		
*Dd21		08/26/47	0	0	0					0		
*Dd22		08/31/47	0	3.3	3.3				06/17/04 7 L	3		
*Dd23		08/31/47	0	0	0					0		
*Dd24		09/01/47	0	0	0					0		
*Dd25		09/03/47	0	3.3	3.3				06/17/04 7 L	3		
*Dd26		09/03/47	0	0	0					0		
*Dd27		09/04/47	0	0	0					0		
*Dd 1		09/06/47	0	3.3	3.3				06/17/04 7 L	3		
*Dd 2		09/06/47	0	0	0					0		
*Dd 3		09/07/47	0	0	0					0		
*Fd 4		09/09/47	0	3.3	3.3				06/25/04 7 F	3		
*Fd 5		09/09/47	0	0	0					0		
*Fd 6		09/10/47	0	0	0					0		
*Fd 7		09/13/47	0	3.3	3.3				06/25/04 7 F	3		
*Fd 8		09/13/47	0	0	0					0		
*Fd 9		09/14/47	0	0	0					0		
*Fd10		09/17/47	0	3.3	3.3				07/02/04 7 F	3		

TABLE 6.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2						START	STOP
*Fd11		09/17/47	0	0		0			0		
*Fd12		09/18/47	0	0		0			0		
*Fd13		09/21/47	0	3.3		3.3		07/02/04 7 F	3		
*Fd14		09/21/47	0	0		0			0		
*Fd15		09/22/47	0	0		0			0		
*Fd16		09/23/47	0	3.3		3.3		07/02/04 7 F	3		
*Fd17		09/23/47	0	0		0			0		
*Fd18		09/24/47	0	0		0			0		
*Fd19		10/02/47	0	3.3		3.3		07/16/04 7 F	3		
*Fd20		10/02/47	0	0		0			0		
*Fd21		10/03/47	0	0		0			0		
*Fd1		10/05/47	0	3.3		3.3		07/16/04 7 F	3		
*Fd2		10/05/47	0	0		0			0		
*Fd3		10/06/47	0	0		0			0		
*Fd4		10/10/47	0	3.3		3.3		07/16/04 7 F	3		
*Fd5		10/10/47	0	0		0			0		
*Fd6		10/11/47	0	0		0			0		
*Fd7		10/13/47	0	3.3		3.3		07/23/04 7 F	3		
*Fd8		10/13/47	0	0		0			0		
*Fd9		10/14/47	0	0		0			0		
*Fd10		10/17/47	0	3.3		3.3		07/23/04 7 F	3		
*Fd11		10/17/47	0	0		0			0		
*Fd12		10/18/47	0	0		0			0		
*Dd13		10/26/47	0	3.3		3.3		08/05/04 7 F	3		
*Dd14		10/26/47	0	0		0			0		
*Dd15		10/27/47	0	0		0			0		
*Dd16		10/28/47	0	3.3		3.3		08/05/04 7 F	3		

TABLE 6.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Num of Cuts	Dissolving Time	
			Push 1	Push 2						START	STOP
*Dd17		10/28/47	0	0					0		
*Dd18		10/29/47	0	0					0		
*Dd1		11/02/47	0.82	2.47	08/05/47	08/05/47	D	08/05/47	3		
*Dd2		11/02/47	0	0					0		
*Dd3		11/03/47	0	0					0		
*Dd4		11/07/47	0	3.3				08/05/47	3		
*Dd5		11/07/47	0	0					0		
*Dd6		11/08/47	0	0					0		
*Dd7		11/10/47	0	3.3				08/12/47	3		
*Dd8		11/10/47	0	0					0		
*Dd9		11/11/47	0	0					0		
*Dd10		11/13/47	0	3.3				08/12/47	3		
*Dd11		11/13/47	0	0					0		
*Dd12		11/14/47	0	0					0		
*Dd13		11/16/47	0	3.3				08/12/47	3		
*Dd14		11/16/47	0	0					0		
*Dd15		11/17/47	0	0					0		
*Dd16		11/20/47	0	3.3				08/12/47	3		
*Dd17		11/20/47	0	0					0		
*Dd18		11/21/47	0	0					0		
*Fd19		11/23/47	0	3.3				08/27/47	3		
*Fd20		11/23/47	0	0					0		
*Fd21		11/24/47	0	0					0		
*Fd22		11/30/47	0	3.3				08/27/47	3		
*Fd23		11/30/47	0	0					0		
*Fd24		12/01/47	0	0					0		
*Fd25		12/04/47	0	3.3				09/03/47	3		

TABLE 6.1. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Num of Cuts		Dissolving Time
			Push 1	Push 2					START	STOP	
*Fd26		12/04/47	0	0	0	0			0		
*Fd27		12/05/47	0	0	0	0			0		
*Fd 1		12/06/47	0	3.3				09/03/04 7 F	3		
*Fd 2		12/06/47	0	0	0	0			0		
*Fd 3		12/07/47	0	0	0	0			0		
*Fd 4		12/09/47	0	3.3				09/03/04 7 F	3		
*Fd 5		12/09/47	0	0	0	0			0		
*Fd 6		12/10/47	0	0	0	0			0		
*Dd 7		12/12/47	0	3.3				09/16/04 7 I	3		
*Dd 8		12/12/47	0	0	0	0			0		
*Dd 9		12/13/47	0	0	0	0			0		
*Dd10		12/15/47	0	3.3				09/16/04 7 I	3		
*Dd11		12/15/47	0	0	0	0			0		
*Dd12		12/16/47	0	0	0	0			0		
*Dd13		12/19/47	0	3.3				09/16/04 7 I	3		
*Dd14		12/19/47	0	0	0	0			0		
*Dd15		12/20/47	0	0	0	0			0		
*Dd16		12/23/47	0	3.3				09/23/04 7 I	3		
*Dd17		12/23/47	0	0	0	0			0		
*Dd18		12/24/47	0	0	0	0			0		
*Fd19		12/27/47	0	3.3				09/24/04 7 F	3		
*Fd20		12/27/47	0	0	0	0			0		
*Fd21		12/28/47	0	0	0	0			0		

6.2 B PLANT DISSOLVER OPERATIONS

Table 6.2 gives the charge make up of each cut dissolved at B Plant in the 1944-through-1947 time period. It is the result of applying the information contained in the reference source cited in the text of this document. The dissolving start and stop times come from the H.I. Department Logbook (Lindvig 1945). These are observations by Health Instruments monitors which contain incidental notations of dissolving times.

Column 1: Cut Id. The name of the cut given by 200 Area operations.

Column 2: Dissolve date.

Column 3: Tons charged of push 1 material. If there is material from one reactor push, then only push 1 or push 2 columns will contain a non-zero entry.

Column 4: Tons of push 2 material, if any.

Column 5: Push 1 date and reactor.

Column 6: Push 2 date and reactor.

Column 7: The number of cuts taken from the charge.

Column 8: Dissolving start time.

Column 9: Dissolving stop time.

TABLE 6.2. HEDR Reconstruction of B Plant Dissolving Operations 1944-1947

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2						START	STOP
*	B-5-04-B	04/11/45	3.32	0	0	02/22/45 B	2 S				
*	B-5-04-B	04/12/45		0	0		0 G				
*	B-5-04-B	04/15/45	3.31	0	0	03/08/45 B	3 D				
*	B-5-04-B	04/15/45	0	0	0		0 S				
*	B-5-04-B	04/16/45	0	0	0		0 G				
*	B-5-04-D	04/23/45	3.31	0	0	03/15/45 D	3 D				
*	B-5-04-D	04/23/45	0	0	0		0 S				
*	B-5-04-D	04/24/45	0	0	0		0 G				
*	B-5-04-B	04/27/45	3.31	0	0	03/22/45 B	3 D				
*	B5-04-B10	04/27/45	0	0	0		0 S				
*	B5-04-B11	04/28/45	0	0	0		0 G				
*	Bd-1	05/01/45	3.31	0	0	03/22/45 B	3 DS				
*	Bd-2	05/02/45	0	0	0		0 SG0			3:00 AM 08: AM	
*	Bd-3	05/03/45	0	0	0		0 DG0			1:30 AM	
*	Dd-4	05/04/45	3.35	0	0	03/29/45 D	3 DG				
*	Dd-5	05/05/45	0	0	0		0 DG0			1:00 AM	
*	Dd-6	05/06/45	0	0	0		0 DG0			3:00 AM 01: PM	
*	Dd-7	05/07/45	3.35	0	0	03/29/45 D	3 DG1			1:20 PM 06: AM	
*	Dd-8	05/08/45	0	0	0		0 DS0			7:24 AM	
*	Dd-9	05/08/45	0	0	0		0 SG0			6:00 PM	
*	Bd-10	05/11/45	3.3	0	0	04/12/45 B	3 DG				
*	Bd-11	05/11/45	0	0	0		0 DS				
*	Bd-12	05/11/45	0	0	0		0 SG				
*	Bd-13	05/17/45	3.3	0	0	04/12/45 B	3 SG1			0:30 PM	
*	Bd-14	05/18/45	0	0	0		0 S			07:30 PM 03 AM	
*	Bd-15	05/18/45	0	0	0		0 G				
*	Dd-16	05/19/45	3.34	0	0	04/19/45 D	3 DG				

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*	B-5-04-B	04/11/45	3.32	0	0	02/22/45 B	0	2 S		
*	B-5-04-B	04/12/45		0	0		0	0 G		
*	B-5-04-B	04/15/45	3.31	0	0	03/08/45 B	0	3 D		
*	B-5-04-B	04/15/45	0	0	0		0	0 S		
*	B-5-04-B	04/16/45	0	0	0		0	0 G		
*	B-5-04-D	04/23/45	3.31	0	0	03/15/45 D	0	3 D		
*	B-5-04-D	04/23/45	0	0	0		0	0 S		
*	B-5-04-D	04/24/45	0	0	0		0	0 G		
*	B-5-04-B	04/27/45	3.31	0	0	03/22/45 B	0	3 D		
*	B5-04-B1(	04/27/45	0	0	0		0	0 S		
*	B5-04-B1	04/28/45	0	0	0		0	0 G		
*	Bd-1	05/01/45	3.31	0	0	03/22/45 B	0	3 DS		
*	Bd-2	05/02/45	0	0	0		0	0 SG0	3:00 AM	08: AM
*	Bd-3	05/03/45	0	0	0		0	0 DG0	1:30 AM	
*	Dd-4	05/04/45	3.35	0	0	03/29/45 D	0	3 DG		
*	Dd-5	05/05/45	0	0	0		0	0 DG0	1:00 AM	
*	Dd-6	05/06/45	0	0	0		0	0 DG0	3:00 AM	01: PM
*	Dd-7	05/07/45	3.35	0	0	03/29/45 D	0	3 DG1	1:20 PM	06: AM
*	Dd-8	05/08/45	0	0	0		0	0 DS0	7:24 AM	
*	Dd-9	05/08/45	0	0	0		0	0 SG0	6:00 PM	
*	Bd-10	05/11/45	3.3	0	0	04/12/45 B	0	3 DG		
*	Bd-11	05/11/45	0	0	0		0	0 DS		
*	Bd-12	05/11/45	0	0	0		0	0 SG		
*	Bd-13	05/17/45	3.3	0	0	04/12/45 B	0	3 SG1	0:30 PM	
*	Bd-14	05/18/45	0	0	0		0	0 S	07:30 PM	03 AM
*	Bd-15	05/18/45	0	0	0		0	0 G		
*	Dd-16	05/19/45	3.34	0	0	04/19/45 D	0	3 DG		

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*	Dd-17	05/20/45	0	0	0			0 DG1	0:30 AM	
*	Dd-18	05/21/45	0	0	0			0 DG0	1:00 AM	
*	Bd-19	05/26/45	3.3	0	0	04/26/45 B		3 DG0	6:30 PM	
*	Bd-20	05/27/45	0	0	0			0 DS0	8:30 AM	10: AM
*	Bd-21	05/28/45	0	0	0			0 G	11:15 PM	
*	Bd-22	05/30/45	3.3	0	0	04/26/45 B		3 DG		
*	Bd-23	05/31/45	0	0	0			0 DG0	6:30 AM	
*	Bd-24	06/01/45	0	0	0			0 DG		
*	Dd-1	06/05/45	3.39	0	0	05/03/45 D		3 SG0	2:00 AM	07: AM
*	Dd-2	06/06/45	0	0	0			0 SG0	9:50 PM	
*	Dd-3	06/07/45	0	0	0			0 SG0	8:00 AM	
*	Dd-4	06/08/45	3.39	0	0	05/03/45 D		3 SG0	9:30 PM	
*	Dd-5	06/09/45	0	0	0			0 S	06:00 PM	
*	Dd-6	06/10/45	0	0	0			0 G		
*	Bd-7	06/19/45	3.43	0	0	05/20/45 B		3 SG1	0:45 PM	
*	Bd-8	06/20/45	0	0	0			0 S	09:52 PM	
*	Bd-9	06/22/45	0	0	0			0 SG		
*	Bd-10	06/23/45	3.43	0	0	05/20/45 B		3 S	03:00 AM	
*	Bd-11	06/23/45	0	0	0			0 G	10:54 PM	
*	Bd-12	06/24/45	0	0	0			0 SG0	9:10 PM	
*	Bd-13	06/28/45	3.43	0	0	05/20/45 B		3 S		
*	Bd-14	06/29/45	0	0	0			0 G		
*	Bd-15	06/29/45	0	0	0			0 SG		
*	Bd-1	07/05/45	3.42	0	0	05/31/45 B		3 SG0	2:40 AM	
*	Bd-2	07/05/45	0	0	0			0 S	08:30 PM	
*	Bd-3	07/07/45	0	0	0			0 G	03:30 AM	
*	Bd-4	07/07/45	3.42	0	0	05/31/45 B		3 S	09:00 PM	

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2						START	STOP
*	Bd-5	07/08/45	0	0	0	0	0	0	0 G		
*	Bd-6	07/08/45	0	0	0	0	0	0	0 SG		
*	Bd-7	07/13/45	3.3	0	06/14/45 B	0	0	0	3 SG0	1:00 AM	
*	Bd-8	07/13/45	0	0	0	0	0	0	0 SG0	9:00 PM 05: AM	
*	Bd-9	07/14/45	0	0	0	0	0	0	0 SG0	6:45 PM	
*	Bd-10	07/19/45	3.3	0	06/14/45 B	0	0	0	3 SG1	1:00 PM	
*	Bd-11	07/20/45	0	0	0	0	0	0	0 SG		
*	Bd-12	07/21/45	0	0	0	0	0	0	0 SG0	5:15 AM	
*	Bd-13	07/23/45	3.3	0	06/14/45 B	0	0	0	3 SG		
*	Bd-14	07/23/45	0	0	0	0	0	0	0 SG1	1:00 PM	
*	Bd-15	07/25/45	0	0	0	0	0	0	0 SG0	5:00 AM	
*	Bd-16	07/28/45	3.17	0	06/28/45 B	0	0	0	3 S	04:30 AM	
*	Bd-17	07/29/45	0	0	0	0	0	0	0 G	02:45 AM	
*	Bd-18	07/29/45	0	0	0	0	0	0	0 SG		
*	Bd-19	07/31/45	3.17	0	06/28/45 B	0	0	0	3 SG1	1:30 PM	
*	Bd-20	08/01/45	0	0	0	0	0	0	0 SG0	5:30 PM	
*	Bd-21	08/02/45	0	0	0	0	0	0	0 SG0	4:00 AM	
*	Bd-1	08/05/45	3.17	0	06/28/45 B	0	0	0	3 S	01:45 AM	
*	Bd-2	08/06/45	0	0	0	0	0	0	0 G	03:20 AM	
*	Bd-3	08/06/45	0	0	0	0	0	0	0 SG0	9:15 PM	
*	Bd-4	08/09/45	3.32	0	07/12/45 B	0	0	0	3 SG		
*	Bd-5	08/10/45	0	0	0	0	0	0	0 SG1	2:30 AM	
*	Bd-6	08/11/45	0	0	0	0	0	0	0 SG0	8:00 PM	
*	Bd-7	08/14/45	3.32	0	07/12/45 B	0	0	0	3 S	02:45 AM	
*	Bd-8	08/15/45	0	0	0	0	0	0	0 G		
*	BF-9	08/17/45	0	0	0	0	0	0	0 SG0	1:45 AM	
*	Bd-10	08/18/45	3.32	0	07/12/45 B	0	0	0	3 S	02:00 AM	

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*	Bd-11	08/19/45	0	0	0			0 G	01:15 AM	
*	Bd-12	08/19/45	0	0	0			0 SG		
*	Bd-13	08/20/45	3.27	0	0	07/19/45 B		3 SG0	6:05 PM	
*	Bd-14	08/21/45	0	0	0			0 S	07:30 PM	
*	Bd-15	08/22/45	0	0	0			0 G		
*	Bd-16	08/23/45	3.27	0	0	07/19/45 B		3 SG		
*	Bd-17	08/24/45	0	0	0			0 S	02:45 AM	
*	Bd-18	08/25/45	0	0	0			0 G		
*	Bd-19	08/25/45	3.27	0	0	07/19/45 B		3 SG0	7:00 PM	
*	Bd-20	08/26/45	0	0	0			0 S	02:00 AM	
*	Bd-21	08/27/45	0	0	0			0 G		
*	Fd-22	08/27/45	3.3	0	0	07/27/45 F		3 SG1	1:30 PM	
*	Fd-23	08/28/45	0	0	0			0 SG1	0:00 PM	
*	Fd-24	08/30/45	0	0	0			0 SG		
*	Fd-25	08/31/45	3.3	0	0	07/27/45 F		3 S	12:30 AM	
*	Fd-26	09/01/45	0	0	0			0 G	02:30 AM	
*	Fd-27	09/01/45	0	0	0			0 SG1	2:00 AM	
*	Fd-28	09/04/45	2.05	1.25	0	07/27/45 F	08/01/45 F	3 S	06:30 PM	
*	Fd-29	09/05/45	0	0	0			0 G	12:45 AM	
*	Fd-30	09/05/45	0	0	0			0 SG0	5:30 PM	
*	Fd-1	09/07/45	2.09	1.21	0	08/09/45 D	08/01/45 F	3 SG0	6:50 PM	
*	Fd-2	09/08/45	0	0	0			0 S	06:30 PM	
*	Fd-3	09/09/45	0	0	0			0 G		
*	Dd-4	09/09/45	3.3	0	0	08/09/45 D		3 SG		
*	Dd-5	09/10/45	0	0	0			0 SG0	9:00 PM	
*	Dd-6	09/11/45	0	0	0			0 SG		
*	Dd-7	09/12/45	0.37	2.93	0	08/09/45 D	08/16/45 D	3 S	07:30 PM	

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Number of Cuts		START	STOP
*	Dd-8	09/13/45	0	0		0			0 G			
*	Dd-9	09/13/45	0	0		0			0 SG0	7:15 PM		
*	Dd-10	09/14/45	0	0		3.3		08/16/45 D	3 SG			
*	Dd-11	09/15/45	0	0		0			0 SG			
*	Dd-12	09/15/45	0	0		0			0 SG0	6:30 PM		
*	Dd-13	09/18/45	0	0		3.3		08/16/45 D	3 S	09:00 PM		
*	Dd-14	09/19/45	0	0		0			0 G	07:00 PM		
*	Dd-15	09/20/45	0	0		0			0 SG			
*	Dd-16	09/21/45	2.12	0		1.18	08/17/45 F	08/16/45 D	3 SG1	1:15 PM		
*	Dd-17	09/22/45	0	0		0			0 S			
*	Dd-18	09/23/45	0	0		0			0 G			
*	Fd-19	09/24/45	3.3	0		0	08/17/45 F		3 S			
*	Fd-20	09/25/45	0	0		0			0 G			
*	Fd-21	09/25/45	0	0		0			0 SG			
*	Fd-22	09/26/45	2.41	0		1.02	08/17/45 F	08/24/45 F	3 SG1	0:45 PM		
*	Fd-23	09/27/45	0	0		0			0 G			
*	Fd-24	09/27/45	0	0		0			0 SG			
*	Fd-25	09/28/45	0	0		3.43		08/24/45 F	2 SG			
*	Fd-26	09/29/45	0	0		0			0 SG			
*	Fd-27	09/29/45	1.1	0		2.33	08/29/45 B	08/24/45 F	3 SG			
*	Fd-28	09/30/45	0	0		0			0 SG			
*	Fd-29	10/01/45	0	0		0			0 SG			
*	Bd-1	10/01/45	3.43	0		0	08/29/45 B		3 SG1	0:30 PM		
*	Bd-2	10/02/45	0	0		0			0 SG0	6:00 PM 10: PM		
*	Bd-3	10/02/45	0	0		0			0 SG1	0:30 PM		
*	Bd-4	10/03/45	3.43	0		0	08/29/45 B		3 SG			
*	Bd-5	10/03/45	0	0		0			0 SG0	5:45 PM		

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*	Bd-6	10/04/45	0	0	0			0 SG1	2:00 AM	
*	Bd-7	10/04/45	3.43	0	0	08/29/45 B		3 S	06:45 PM	
*	Bd-8	10/05/45	0	0	0			0 G	12:00 AM	
*	Bd-9	10/05/45	0	0	0			0 SG0	9:10 PM	
*	Bd-10	10/06/45	3.43	0	0	08/29/45 B		3 SG		
*	Bd-11	10/07/45	0	0	0			0 S		
*	Bd-12	10/08/45	0	0	0			0 G		
*	Bd-13	10/07/45	1.72	1.58	0	08/29/45 B	09/05/45 B	3 SG		
*	Bd-14	10/08/45	0	0	0			0 SG		
*	Bd-15	10/09/45	0	0	0			0 SG		
*	Bd-16	10/09/45	0	3.3	0		09/05/45 B	3 SG	6:00 PM	
*	Bd-17	10/09/45	0	0	0			0 SG0		
*	Bd-18	10/10/45	0	0	0			0 SG		
*	Bd-19	10/10/45	0	3.3	0		09/05/45 B	3 SG1	0:00 PM	
*	Bd-20	10/11/45	0	0	0			0 SG0	7:30 PM	
*	Bd-21	10/12/45	0	0	0			0 SG0	7:30 PM	
*	Bd-22	10/13/45	0	3.3	0		09/05/45 B	3 S		
*	Bd-23	10/14/45	0	0	0			0 G		
*	Bd-24	10/14/45	0	0	0			0 SG		
*	Bd-25	10/14/45	0	3.3	0		09/05/45 B	3 S		
*	Bd-26	10/15/45	0	0	0			0 G		
*	Bd-27	10/15/45	0	0	0			0 SG		
*	Bd-28	10/15/45	1.5	1.8	0	09/06/45 D	09/05/45 B	3 SG0	6:00 PM	
*	Bd-29	10/16/45	0	0	0			0 SG0	6:15 PM	
*	Bd-30	10/17/45	0	0	0			0 SG0	8:00 PM	
*	Dd-31	10/19/45	3.3	0	0	09/06/45 D		3 S		
*	Dd-32	10/20/45	0	0	0			0 G		

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*	Dd-33	10/21/45	0	0	0			0 SG		
*	Dd-34	10/21/45	3.3	0	0	09/06/45 D		3 SG		
*	Dd-35	10/21/45	0	0	0			0 SG		
*	Dd-36	10/22/45	0	0	0			0 SG		
*	Dd-37	10/22/45	3.3	0	0	09/06/45 D		3 SG		
*	Dd-38	10/23/45	0	0	0			0 SG0	5:30 PM	
*	Dd-39	10/24/45	0	0	0			0 SG		
*	Dd-40	10/24/45	3.3	0	0	09/06/45 D		3 S	08:00 PM	
*	Dd-41	10/25/45	0	0	0			0 G		
*	Dd-42	10/25/45	0	0	0			0 SG0	5:45 PM	
*	Dd-43	10/26/45	1.77	1.53	0	09/06/45 D	09/12/45 B	3 S	05:00 PM	
*	Dd-44	10/27/45	0	0	0			0 G		
*	Dd-45	10/27/45	0	0	0			0 SG		
*	Bd-46	10/26/45		3.3	0		09/12/45 B	3 SG		
*	Bd-47	10/27/45	0	0	0			0 SG		
*	Bd-48	10/28/45	0	0	0			0 SG		
*	Bd-49	10/27/45	0	3.3	0		09/12/45 B	3 SG		
*	Bd-50	10/28/45	0	0	0			0 SG		
*	Bd-51	10/29/45	0	0	0			0 SG		
*	Bd-52	10/29/45	0	3.3	0		09/12/45 B	3 SG1	1:30 PM	
*	Bd-53	10/30/45	0	0	0			0 SG0	4:00 AM	
*	Bd-54	10/31/45	0	0	0			0 SG		
*	Bd-55	10/31/45	0	3.3	0		09/12/45 B	3 S	05:00 PM	
*	Bd-56	11/01/45	0	0	0			0 G		
*	Bd-57	11/02/45	0	0	0			0 SG0	5:15 PM	
*	Dd-1	11/02/45	1.55	1.7	0	09/20/45 D	09/12/45 B	3 SG		
*	Dd-2	11/04/45	0	0	0			0 S		

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*	Dd-3	11/05/45	0	0	0	09/20/45 D	0	0 G	05:00 PM	
*	Dd-4	11/05/45	3.26	0	0	09/20/45 D	0	3 S	05:00 PM	
*	Dd-5	11/06/45	0	0	0		0	0 G		
*	Dd-6	11/07/45	0	0	0		0	0 SG		
*	Dd-7	11/06/45	3.26	0	0	09/20/45 D	0	3 SG	5:00 PM	
*	Dd-8	11/08/45	0	0	0		0	0 SG0		
*	Dd-9	11/09/45	0	0	0		0	0 SG		
*	Dd-10	11/09/45	3.26	0	0	09/20/45 D	0	3 SG0	9:00 PM	
*	Dd-11	11/10/45	0	0	0		0	0 SG		
*	Dd-12	11/11/45	0	0	0		0	0 SG		
*	Dd-13	11/10/45	3.26	0	0	09/20/45 D	0	3 SG		
*	Dd-14	11/12/45	0	0	0		0	0 SG		
*	Dd-15	11/13/45	0	0	0		0	0 SG		
*	Dd-16	11/13/45	1.97	1.28	0	09/20/45 D	10/04/45 D	3 SG0	5:26 PM	
*	Dd-17	11/14/45	0	0	0			0 SG0	6:15 PM	
*	Dd-18	11/15/45	0	0	0		10/04/45 D	0 SG	06:30 PM	
*	Dd-19	11/15/45	0	3.26	0			3 S		
*	Dd-20	11/16/45	0	0	0			0 G		
*	Dd-21	11/17/45	0	0	0			0 SG		
*	Dd-22	11/16/45	0	3.26	0		10/04/45 D	3 SG		
*	Dd-23	11/18/45	0	0	0			0 SG		
*	Dd-24	11/19/45	0	0	0			0 SG		
*	Dd-25	11/19/45	0	3.26	0		10/04/45 D	3 SG	0:00 PM	
*	Dd-26	11/20/45	0	0	0			0 SG1		
*	Dd-27	11/22/45	0	0	0			0 SG		
*	Dd-28	11/21/45	1.11	2.14	0	10/09/45 D	10/04/45 D	3 SG0	7:15 PM	
*	Dd-29	11/22/45	0	0	0			0 SG		

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*	Dd-30	11/23/45	0	0				0 SG0	6:34 PM	
*	Dd-31	11/24/45	3.26			10/09/45 D		3 SG		
*	Dd-32	11/25/45	0	0				0 SG		
*	Dd-33	11/26/45	0	0				0 SG		
*	Dd-34	11/26/45	2.19	1.07		10/09/45 D	10/18/45 D	3 SG0	6:00 PM	
*	Dd-35	11/27/45	0	0				0 S	05:15 PM	
*	Dd-36	11/28/45	0	0				0 G	08:00 AM	
*	Dd-37	11/28/45		3.26			10/18/45 D	3 S	05:00 PM	
*	Dd-38	11/29/45	0	0				0 G		
*	Dd-39	11/29/45	0	0				0 S	06:00 PM	
*	Dd-40	11/29/45	0	3.26			10/18/45 D	3 G		
*	Dd-41	11/29/45	0	0				0 SG		
*	Dd-42	12/01/45	0	0				0 SG		
*	Dd-43	11/30/45	0.8	2.45		10/25/45 D	10/18/45 D	3 SG0	1:30 AM 08:: AM	
*	Dd-44	12/01/45	0	0				0 SG		
*	Dd-45	12/02/45	0	0				0 SG		
*	Dd-1	12/01/45	3.26			10/25/45 D		3 SG		
*	Dd-2	12/02/45	0	0				0 SG		
*	Dd-3	12/03/45	0	0				0 SG		
*	Dd-4	12/03/45	2.15	1.1		10/25/45 D	11/01/45 F	3 SG0	5:30 PM	
*	Dd-5	12/04/45	0	0				0 SG0	5:00 PM	
*	Dd-6	12/05/45	0	0				0 SG		
*	Fd-7	12/05/45	0	3.26			11/01/45 F	3 SG	4:30 PM	
*	Fd-8	12/06/45	0	0				0 SG0	5:30 PM	
*	Fd-9	12/07/45	0	0				0 SG		
*	Fd-10	12/06/45	3.02	0.23		11/08/45 F	11/01/45 F	3 SG		
*	Fd-11	12/08/45	0	0				0 SG		

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*	Fd-12	12/11/45	0	0	0			0 SG0	6:30 PM	
*	Fd-13	12/08/45	3.26	0	0	11/08/45 F		3 SG		
*	Fd-14	12/12/45	0	0	0			0 S		
*	Fd-15	12/13/45	0	0	0			0 G		
*	Fd-16	12/12/45	3.26	0	0	11/08/45 F		3 SG0	6:30 PM	
*	Fd-17	12/13/45	0	0	0			0 S	05:15 PM	
*	Fd-18	12/14/45	0	0	0			0 G		
*	Dd-19	12/15/45	0.63	2.62	0	11/08/45 F	11/13/45 D	3 SG		
*	Dd-20	12/16/45	0	0	0			0 SG		
*	Dd-21	12/17/45	0	0	0			0 SG		
*	Dd-22	12/17/45	0	3.26	0		11/13/45 D	3 SG1	1:00 PM	
*	Dd-23	12/20/45	0	0	0			0 SG0	5:45 PM	
*	Dd-24	12/21/45	0	0	0			0 SG0	4:10 PM	
*	Bd-25	12/22/45	2.95	0.3	0	11/15/45 B	11/13/45 D	3 S		
*	Bd-26	12/23/45	0	0	0			0 G		
*	Bd-27	12/23/45	0	0	0			0 SG		
*	Bd-28	12/23/45	3.24	0.02	0	11/15/45 B	11/20/45 B	3 SG		
*	Bd-29	12/24/45	0	0	0			0 SG0	4:30 PM	
*	Bd-30	12/26/45	0	0	0			0 SG		
*	Bd-31	12/26/45	0	3.26	0		11/20/45 B	3 SG1	0:30 PM	
*	Bd-32	12/27/45	0	0	0			0 SG0	8:00 PM	
*	Bd-33	12/28/45	0	0	0			0 SG		
*	Bd-34	12/28/45	0	3.26	0		11/20/45 B	3 SG0	5:15 PM	
*	Bd-35	12/29/45	0	0	0			0 SG		
*	Bd-36	12/30/45	0	0	0			0 SG		
*	Dd-37	12/30/45	3.3	0	0	11/20/45 D	11/20/45 B	3 SG		
*	Dd-38	01/02/46	0	0	0			0 SG0	7:48 PM	

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*	Dd-39	01/04/46	0	0				0 SG		
*	Dd-40	01/04/46	3.3	0		11/20/45 D		3 S	05:30 PM	
*	Dd-41	01/05/46	0	0				0 G		
*	Dd-42	01/05/46	0	0				0 SG		
*	Dd-1	01/05/46	3.3	0		11/20/45 D		3 SG		
*	Dd-2	01/06/46	0	0				0 SG		
*	Dd-3	01/07/46	0	0				0 SG0	8:45 PM	
*	Dd-4	01/08/46	3.29	0		11/20/45 D		3 SG		
*	Dd-5	01/09/46	0	0				0 S	06:30 PM	
*	Dd-6	01/10/46	0	0				0 G	02:00 AM 06 AM	
*	Fd-7	01/10/46		2.95			11/21/45 F	3 SG		
*	Fd-8	01/11/46	0	0				0 SG0	6:00 PM	
*	Fd-9	01/12/46	0	0				0 SG		
*	Fd-10	01/12/46	1.4	1.55		11/29/45 F	11/21/45 F	3 SG		
*	Fd-11	01/13/46	0	0				0 SG		
*	Fd-12	01/14/46	0	0				0 SG		
*	Fd-13	01/14/46	2.95	0		11/29/45 F		3 SG	5:30 PM	
*	Fd-14	01/15/46	0	0				0 SG0		
*	Fd-15	01/16/46	0	0				0 SG		
*	Fd-16	01/16/46	2.95	0		11/29/45 F		3 SG	5:00 PM	
*	Fd-17	01/17/46	0	0				0 SG0		
*	Fd-18	01/18/46	0	0				0 SG		
*	Fd-19	01/18/46	2.95	0		11/29/45 F		3 SG		
*	Fd-20	01/18/46	0	0				0 SG		
*	Fd-21	01/19/46	0	0				0 SG		
*	Fd-22	01/22/46	2.96	0		11/29/45 F		3 SG		
*	Fd-23	01/22/46	0	0				0 S	05:00 PM	

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*	Fd-24	01/22/46	0	0	0			0 G		
*	Fd-25	01/24/46		3.3	3.3		12/04/45 B	3 S	03:55 PM	
*	Fd-26	01/25/46	0	0	0			0 G		
*	Fd-27	01/25/46	0	0	0			0 SG0	6:30 PM	
*	Bd-28	01/26/46	0	3.3	3.3		12/04/45 B	3 S		
*	Bd-29	01/27/46	0	0	0			0 G		
*	Bd-30	01/27/46	0	0	0			0 SG		
*	Bd-1	02/02/46	0	3.3	3.3		12/04/45 B	3 S		
*	Bd-2	02/03/46	0	0	0			0 G		
*	Bd-3	02/03/46	0	0	0			0 SG		
*	Bd-4	02/03/46	0	3.3	3.3		12/04/45 B	3 S		
*	Bd-5	02/04/46	0	0	0			0 G		
*	Bd-6	02/04/46	0	0	0			0 SG		
*	Dd-7	02/04/46	2.9	0.4	0.4	12/06/45 D	12/04/45 B	3 SG0	6:00 PM	
*	Dd-8	02/05/46	0	0	0			0 SG0	5:00 PM	
*	Dd-9	02/06/46	0	0	0			0 SG		
*	Dd-10	02/06/46	3.3	0	0	12/06/45 D		3 SG	5:15 PM	
*	Dd-11	02/07/46	0	0	0			0 SG0		
*	Dd-12	02/08/46	0	0	0			0 SG		
*	Dd-13	02/08/46	3.3	0	0	12/06/45 D		3 SG		
*	Dd-14	02/09/46	0	0	0			0 SG		
*	Dd-15	02/10/46	0	0	0			0 SG		
*	Dd-16	02/10/46	3.3	0	0	12/06/45 D		3 S		
*	Dd-17	02/11/46	0	0	0			0 G		
*	Dd-18	02/11/46	0	0	0			0 SG		
*	Dd-19	02/11/46	3.3	0	0	12/06/45 D		3 SG0	5:30 PM	
*	Dd-20	02/12/46	0	0	0			0 SG0	6:00 PM	

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*	Dd-21	02/13/46	0	0	0	12/06/45 D	12/13/45 D	0 SG	8:00 PM	
*	Dd-22	02/13/46	0.25	3.12	0			3 SG0		
*	Dd-23	02/14/46	0	0	0			0 SG	6:00 PM	
*	Dd-24	02/14/46	0	0	0			0 SG0		
*	Dd-25	02/16/46	0	3.37	0		12/13/45 D	3 S		
*	Dd-26	02/17/46	0	0	0			0 G		
*	Dd-27	02/17/46	0	0	0			0 SG		
*	Dd-28	02/17/46	0	3.37	0		12/13/45 D	2 SG		
*	Dd-29	02/18/46	0	0	0			SG0	5:45 PM	
*	Fd-30	02/20/46	3.3	0	0	12/27/45 F		3 S	06:00 PM	
*	Fd-31	02/21/46	0	0	0			0 G		
*	Fd-32	02/21/46	0	0	0			0 SG		
*	Fd-33	02/22/46	3.3	0	0	12/27/45 F		3 SG0	6:45 PM	
*	Fd-34	02/23/46	0	0	0			0 S		
*	Fd-35	02/24/46	0	0	0			0 G		
*	Fd-36	02/24/46	3.29	0	0	12/27/45 F		3 S		
*	Fd-37	02/23/46	0	0	0			0 G		
*	Fd-38	02/25/46	0	0	0			0 SG	05:00 PM	
*	Dd-39	02/26/46	3.33	0	0	12/31/45 D		3 S		
*	Dd-40	02/27/46	0	0	0			0 G	6:30 PM	
*	Dd-41	02/27/46	0	0	0			0 SG0		
*	Dd-42	02/28/46	3.33	0	0	12/31/45 D		3 SG	6:00 PM	
*	Dd-43	03/01/46	0	0	0			0 SG0		
*	Dd-44	03/02/46	0	0	0			0 SG	05:15 PM	
*	Dd-1	03/05/46	3.33	0	0	12/31/45 D		3 S		
*	Dd-2	03/06/46	0	0	0			0 G		
*	Dd-3	03/06/46	0	0	0			0 SG0	5:45 PM	

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*	Bd-4	03/08/46	3.5	0	0	01/08/46 B	0	3 S	05:30 PM	
*	Bd-5	03/09/46	0	0	0		0	0 G		
*	Bd-6	03/09/46	0	0	0		0	0 SG		
*	Bd-7	03/10/46	3.5	0	0	01/08/46 B	0	3 S		
*	Bd-8	03/11/46	0	0	0		0	0 G		
*	Bd-9	03/11/46	0	0	0		0	0 SG		
*	Bd-10	03/13/46	3.5	0	0	01/08/46 B	0	3 S	05:45 PM	
*	Bd-11	03/14/46	0	0	0		0	0 G		
*	Bd-12	03/14/46	0	0	0		0	0 SG		
*	Bd-13	03/15/46	3.29	0	0	01/18/46 D	0	3 S	08:30 PM	
*	Bd-14	03/16/46	0	0	0		0	0 G		
*	DD015	03/16/46	0	0	0		0	0 SG		
*	Bd-16	03/16/46	3.29	0	0	01/18/46 D	0	3 SG		
*	Bd-17	03/17/46	0	0	0		0	0 S		
*	Bd-18	03/18/46	0	0	0		0	0 G		
*	Bd-19	03/18/46	3.29	0	0	01/18/46 D	0	3 SG0	7:00 PM	
*	Bd-20	03/19/46	0	0	0		0	0 S	03:00 AM 10 AM	
*	Bd-21	03/19/46	0	0	0		0	0 G	09:00 PM	
*	Bd-22	03/20/46	3.29	0	0	01/18/46 D	0	3 D	12:30 AM 00 AM	
*	Bd-23	03/20/46	0	0	0		0	0 S	05:00 PM	
*	Bd-24	03/20/46	0	0	0		0	0 G	09:00 PM	
*	Bd-25	03/21/46	3.29	0	0	01/18/46 D	0	3 S	05:00 PM	
*	Bd-26	03/22/46	0	0	0		0	0 G	04:30 PM	
*	Bd-27	03/22/46	0	0	0		0	0 SG0	5:00 PM	
*	Fd-28	03/22/46	3.31	0	0	01/20/46 F	0	3 SG0	7:00 PM	
*	Fd-29	03/23/46	0	0	0		0	0 S		
*	Fd-30	03/24/46	0	0	0		0	0 G		

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*	Fd-31	03/24/46	3.31	0	0	01/20/46 F	0	3 SG	05:00 PM	
*	Fd-32	03/25/46	0	0	0		0	0 S	05:00 PM	
*	Fd-33	03/26/46	0	0	0		0	0 G		
*	Fd-34	03/25/46	3.31	0	0	01/20/46 F	0	3 SG		
*	Fd-35	03/26/46	0	0	0		0	0 S		
*	Fd-36	03/27/46	0	0	0		0	0 G		
*	Fd-37	03/27/46	3.31	0	0	01/20/46 F	0	3 SG		
*	Fd-38	03/28/46	0	0	0		0	0 SG0	5:50 PM	
*	Fd-39	03/29/46	0	0	0		0	0 SG0	5:50 PM	
*	Bd-40	03/28/46	3.56	0	0	02/05/46 B	0	3 SG0	8:00 PM	
*	Bd-41	03/29/46	0	0	0		0	0 SG0	5:50 PM	
*	Bd-42	03/30/46	0	0	0		0	0 SG		
*	Bd-43	03/30/46	3.56	0	0	02/05/46 B	0	3 S		
*	Bd-44	03/31/46	0	0	0		0	0 G		
*	Bd-45	03/31/46	0	0	0		0	0 SG		
*	Bd-46	03/31/46	3.56	0	0	02/05/46 B	0	3 SG		
*	Bd-47	04/01/46	0	0	0		0	0 SG0	5:30 PM	
*	Bd-48	04/02/46	0	0	0		0	0 SG		
*	Bd-1	04/02/46	3.56	0	0	02/05/46 B	0	3 SG1	0:40 PM	
*	Bd-2	04/03/46	0	0	0		0	0 SG0	7:44 PM	
*	Bd-3	04/04/46	0	0	0		0	0 SG		
*	Dd-4	04/06/46	3.32	0	0	02/12/46 D	0	3 S		
*	Dd-5	04/07/46	0	0	0		0	0 G		
*	Dd-6	04/07/46	0	0	0		0	0 SG		
*	Dd-7	04/07/46	3.32	0	0	02/12/46 D	0	3 SG		
*	Dd-8	04/08/46	0	0	0		0	0 S	07:00 PM	
*	Dd-9	04/09/46	0	0	0		0	0 G		

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*	Dd-10	04/09/46	3.32	0	0	02/12/46 D	0	3 S	06:00 PM	
*	Dd-11	04/10/46	0	0	0		0	0 G		
*	Dd-12	04/10/46	0	0	0		0	0 SG0	5:00 PM	
*	Dd-13	04/10/46	3.32	0	0	02/12/46 D	0	3 SG0	9:00 PM	
*	Dd-14	04/11/46	0	0	0		0	0 S	05:00 PM	
*	Dd-15	04/12/46	0	0	0		0	0 G		
*	Bd-16	04/12/46	3.29	0	0	02/19/46 B	0	3 SG		
*	Bd-17	04/13/46	0	0	0		0	0 SG		
*	Bd-18	04/14/46	0	0	0		0	0 SG		
*	Bd-19	04/14/46	3.29	0	0	02/19/46 B	0	3 S		
*	Bd-20	04/15/46	0	0	0		0	0 G	08:00 PM	
*	Bd-21	04/15/46	0	0	0		0	0 SG0	8:30 PM	
*	Dd-22	04/16/46	3.29	0	0	02/19/46 B	0	3 SG		
*	Dd-23	04/17/46	0	0	0		0	0 S	07:30 PM	
*	Dd-24	04/18/46	0	0	0		0	0 G		
*	Bd-25	04/20/46	3.29	0	0	02/19/46 B	0	3 S		
*	Bd-26	04/21/46	0	0	0		0	0 G		
*	Bd-27	04/21/46	0	0	0		0	0 SG		
*	Bd-28	04/26/46	3.29	0	0	02/19/46 B	0	3 D		
*	Bd-29	04/26/46	0	0	0		0	0 S	05:30 PM	
*	Bd-30	04/27/46	0	0	0		0	0 G		
*	Fd-31	04/27/46	3.29	0	0	03/05/46 F	0	3 SG		
*	Fd-32	04/28/46	0	0	0		0	0 S		
*	Fd-33	04/29/46	0	0	0		0	0 G		
*	Fd-34	04/29/46	3.29	0	0	03/05/46 F	0	3 S		
*	Fd-35	04/30/46	0	0	0		0	0 G		
*	Fd-36	04/30/46	0	0	0		0	0 SG		

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*	Fd-37	05/01/46	3.29	0	0	03/05/46 F	0	3 D		
*	Fd-38	05/01/46	0	0	0		0	0 S		
*	Fd-39	05/02/46	0	0	0		0	0 G		
*	Fd-1	05/02/46	3.29	0	0	03/05/46 F	0	3 S		
*	Fd-2	05/03/46	0	0	0		0	0 G		
*	Fd-3	05/03/46	0	0	0		0	0 SG0	7:30 PM	
*	Fd-4	05/04/46	3.29	0	0	03/05/46 F	0	3 S		
*	Fd-5	05/05/46	0	0	0		0	0 G		
*	Fd-6	05/05/46	0	0	0		0	0 SG		
*	Bd-7	05/05/46	3.61	0	0	03/06/46 B	0	3 SG		
*	Bd-8	05/06/46	0	0	0		0	0 S	08:30 PM	
*	Bd-9	05/06/46	0	0	0		0	0 G		
*	Bd-10	05/07/46	3.61	0	0	03/06/46 B	0	3 SG	09:30 AM	
*	Bd-11	05/07/46	0	0	0		0	0 SG0	6:00 PM	
*	Bd-12	05/08/46	0	0	0		0	0 SG0	6:00 PM 11: PM	
*	Bd-13	05/08/46	3.61	0	0	03/06/46 B	0	3 S	06:00 PM 11 PM	
*	Bd-14	05/09/46	0	0	0		0	0 G		
*	Bd-15	05/09/46	0	0	0		0	0 SG		
*	Bd-16	05/09/46	3.61	0	0	03/06/46 B	0	3 SG0	5:25 PM	
*	Bd-17	05/10/46	0	0	0		0	0 SG0	5:45 PM	
*	Bd-18	05/11/46	0	0	0		0	0 SG		
*	Fd-19	05/11/46	3.29	0	0	03/21/46 F	0	3 S		
*	Fd-20	05/12/46	0	0	0		0	0 G		
*	Fd-21	05/12/46	0	0	0		0	0 SG		
*	Fd-22	05/13/46	3.29	0	0	03/21/46 F	0	3 SG		
*	Fd-23	05/14/46	0	0	0		0	0 SG0	4:15 PM	
*	Fd-24	05/15/46	0	0	0		0	0 SG		

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*	Fd-25	05/15/46	3.29	0	0	03/21/46 F	0	3 SG0	9:00 PM	
*	Fd-26	05/16/46	0	0	0		0	0 S	06:00 PM	
*	Fd-27	05/17/46	0	0	0		0	0 G		
*	Fd-28	05/16/46	3.29	0	0	03/21/46 F	0	3 SG0	9:45 PM	
*	Fd-29	05/17/46	0	0	0		0	0 SG0	5:45 PM	
*	Fd-30	05/18/46	0	0	0		0	0 SG		
*	Fd-31	05/18/46	3.29	0	0	03/21/46 F	0	3 S		
*	Fd-32	05/19/46	0	0	0		0	0 G		
*	Fd-33	05/19/46	0	0	0		0	0 SG		
*	Dd-34	05/21/46	3.3	0	0	03/26/46 D	0	3 SG		
*	Dd-35	05/22/46	0	0	0		0			
*	Dd-36	05/23/46	0	0	0		0			
*	Dd-37	05/23/46	3.3	0	0	03/26/46 D	0			
*	Dd-38	05/24/46	0	0	0		0			
*	Dd-39	05/24/46	0	0	0		0			
*	Dd-40	05/25/46	3.3	0	0	03/26/46 D	0	3		
*	Dd-41	05/25/46	0	0	0		0			
*	Dd-42	05/26/46	0	0	0		0			
*	Dd-43	05/26/46	3.3	0	0	03/26/46 D	0	3		
*	Dd-44	05/27/46	0	0	0		0			
*	Dd-45	05/27/46	0	0	0		0			
*	Dd-46	05/28/46	3.3	0	0	03/26/46 D	0	3		
*	Dd-47	05/28/46	0	0	0		0			
*	Dd-48	05/29/46	0	0	0		0			
*	Fd-49	05/29/46	3.21	0	0	04/02/46 F	0		06:00 PM	
*	Fd-50	05/30/46	0	0	0		0		06:15 PM	
*	Fd-51	05/30/46	0	0	0		0			

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*	Fd-52	05/31/46	3.21	0	0	04/02/46 F	0	3	0 09:00 PM	
*	Fd-53	05/31/46	0	0	0		0	0		
*	Fd-54	06/01/46	0	0	0		0	3		
*	Fd-1	06/02/46	3.21	0	0	04/02/46 F	0	0		
*	Fd-2	06/03/46	0	0	0		0	0		
*	Fd-3	06/03/46	0	0	0		0	3	05:30 PM	
*	Dd-4	06/04/46	3.31	0	0	04/09/46 D	0	0		
*	Dd-5	06/05/46	0	0	0		0	0	06:15 PM	
*	Dd-6	06/05/46	0	0	0		0	3	04:15 PM	
*	Dd-7	06/06/46	3.31	0	0	04/09/46 D	0	0		
*	Dd-8	06/07/46	0	0	0		0	0	05:00 PM	
*	Dd-9	06/07/46	0	0	0		0	3		
*	Dd-10	06/08/46	3.31	0	0	04/09/46 D	0	0		
*	Dd-11	06/09/46	0	0	0		0	0		
*	Dd-12	06/10/46	0	0	0		0	3	05:30 PM	
*	Fd-13	06/10/46	3.32	0	0	04/11/46 F	0	0		
*	Fd-14	06/11/46	0	0	0		0	0		
*	Fd-15	06/12/46	0	0	0		0	3		
*	Fd-16	06/12/46	3.32	0	0	04/11/46 F	0	0	05:30 PM	
*	Fd-17	06/13/46	0	0	0		0	0		
*	Fd-18	06/14/46	0	0	0		0	3	04:30 PM	
*	Fd-19	06/14/46	3.32	0	0	04/11/46 F	0	0		
*	Fd-20	06/15/46	0	0	0		0	0		
*	Fd-21	06/16/46	0	0	0		0	3		
*	Dd-22	06/17/46	3.31	0	0	04/16/46 D	0	0		
*	Dd-23	06/17/46	0	0	0		0	0		
*	Dd-24	06/18/46	0	0	0		0	0		

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 1					START	STOP
*	Dd-25	06/19/46	3.31	0	0	04/16/46 D	0	3		
*	Dd-26	06/19/46	0	0	0		0	0		
*	Dd-27	06/20/46	0	0	0		0	0		
*	Dd-28	06/21/46	3.31	0	0	04/16/46 D	0	3		
*	Dd-29	06/21/46	0	0	0		0	0		
*	Dd-30	06/22/46	0	0	0		0	0		
*	Fd-31	06/23/46	3.31	0	0	04/18/46 F	0	3		
*	Fd-32	06/24/46	0	0	0		0	0		
*	Fd-33	06/24/46	0	0	0		0	0	0 05:30 PM	
*	Fd-34	06/25/46	3.31	0	0	04/18/46 F	0	3	0 05:40 PM	
*	Fd-35	06/26/46	0	0	0		0	0		
*	Fd-36	06/26/46	0	0	0		0	0	0 07:00 PM	
*	Fd-37	06/27/46	3.31	0	0	04/18/46 F	0	3	0 04:00 PM	
*	Fd-38	06/28/46	0	0	0		0	0		
*	Fd-39	06/28/46	0	0	0		0	0	0 07:30 PM	
*	Dd-40	06/29/46	3.28	0	0	04/30/46 D	0	3		
*	Dd-41	06/30/46	0	0	0		0	0		
*	Dd-42	07/01/46	0	0	0		0	0	0 06:00 PM	
*	Dd-1	07/02/46	3.28	0	0	04/30/46 D	0	3	0 06:05 PM	
*	Dd-2	07/03/46	0	0	0		0	0		
*	Dd-3	07/03/46	0	0	0		0	0	0 07:30 PM	
*	Dd-4	07/04/46	3.28	0	0	04/30/46 D	0	3		
*	Dd-5	07/05/46	0	0	0		0	0	0 05:00 PM	
*	Dd-6	07/05/46	0	0	0		0	0	0 08:00 PM	
*	Dd-7	07/06/46	3.27	0	0	05/07/46 D	0	3		
*	Dd-8	07/07/46	0	0	0		0	0		
*	Dd-9	07/07/46	0	0	0		0	0		

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*	Dd-10	07/08/46	3.27	0	0	05/07/46 D			3 05:00 PM	
*	Dd-11	07/09/46	0	0	0			0	0 07:00 PM	
*	Dd-12	07/09/46	0	0	0				3 07:20 PM	
*	Dd-13	07/10/46	3.32	0	0	05/14/46 D			0 05:15 PM	
*	Dd-14	07/11/46	0	0	0			0		
*	Dd-15	07/12/46	0	0	0				3 07:05 PM	
*	Dd-16	07/12/46	3.32	0	0	05/14/46 D		0		
*	Dd-17	07/13/46	0	0	0			0		
*	Dd-18	07/14/46	0	0	0				3 04:30 PM	
*	Dd-19	07/15/46	3.32	0	0	05/14/46 D		0	0 07:00 PM	
*	Dd-20	07/15/46	0	0	0					
*	Dd-21	07/16/46	0	0	0			0		
*	Dd-22	07/16/46	3.3	0	0	05/21/46 D			3 08:45 PM	
*	Dd-23	07/17/46	0	0	0			0	0 06:00 PM	
*	Dd-24	07/18/46	0	0	0					
*	Dd-25	07/18/46	3.3	0	0	05/21/46 D		3	3 07:30 PM	
*	Dd-26	07/19/46	0	0	0			0	0 07:00 PM	
*	Dd-27	07/20/46	0	0	0					
*	Fd-28	07/20/46	3.33	0	0	05/21/46 F		3		
*	Fd-29	07/21/46	0	0	0			0		
*	Fd-30	07/22/46	0	0	0			0		
*	Fd-31	07/23/46	3.33	0	0	05/21/46 F		3		
*	Fd-32	07/23/46	0	0	0				0 07:00 PM	
*	Fd-33	07/24/46	0	0	0				0 08:15 PM	
*	Dd-34	07/25/46	3.32	0	0	05/28/46 D		3		
*	Dd-35	07/25/46	0	0	0				0 06:00 PM	
*	Dd-36	07/26/46	0	0	0				0 04:15 PM	

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2							START	STOP
*	Dd-37	07/27/46	3.32	0	0	05/28/46 D				3		
*	Dd-38	07/27/46	0	0	0					0		
*	Dd-39	07/28/46	0	0	0					0		
*	Dd-40	07/29/46	1.69	1.62	05/28/46 D	06/04/46 D				3		
*	Dd-41	07/29/46	0	0	0					0		
*	Dd-42	07/30/46	0	0	0					0	08:45 PM	
*	Dd-43	07/31/46	0	3.33		06/04/46 D				3	08:10 PM	
*	Dd-44	08/01/46	0	0	0					0	06:15 PM	
*	Dd-45	08/02/46	0	0	0					0		
*	Dd-46	08/02/46	0	3.326		06/04/46 D				3	08:10 PM	
*	Dd-47	08/03/46	0	0	0					0		
*	Dd-48	08/03/46	0	0	0					0		
*	Fd-49	08/04/46	0	3.29		06/05/46 F				3		
*	Fd-50	08/04/46	0	0	0					0		
*	Fd-51	08/05/46	0	0	0					0		
*	Fd-1	08/05/46	0	3.29		06/05/46 F				3	08:25 PM	
*	Fd-2	08/06/46	0	0	0					0		
*	Fd-3	08/06/46	0	0	0					0	07:00 PM	
*	Fd-4	08/07/46	0	3.29		06/05/46 F				3		
*	Fd-5	08/07/46	0	0	0					0	09:00 PM	
*	Fd-6	08/08/46	0	0	0					0		
*	Dd-7	08/08/46	3.265	0	0	06/11/46 D				3	07:15 PM	
*	Dd-8	08/09/46	0	0	0					0		
*	Dd-9	08/09/46	0	0	0					0	07:30 PM	
*	Dd-10	08/10/46	3.265	0	0	06/11/46 D				3		
*	Dd-11	08/10/46	0	0	0					0		
*	Dd-12	08/11/46	0	0	0					0		

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2					START	STOP
*	Dd-13	08/11/46	3.265	0	06/17/46 D			3	07:00 PM	
*	Dd-14	08/12/46	0	0				0		
*	Dd-15	08/13/46	0	0				3	05:45 PM	
*	Dd-16	08/13/46	3.265	0	06/17/46 D			0		
*	Dd-17	08/14/46	0	0				0		
*	Dd-18	08/14/46	0	0				3		
*	Fd-19	08/15/46	3.28	0	06/20/46 F			0	05:00 PM	
*	Fd-20	08/15/46	0	0				0		
*	Fd-21	08/16/46	0	0	06/20/46 F			3		
*	Fd-22	08/16/46	3.28	0				0		
*	Fd-23	08/17/46	0	0				0		
*	Fd-24	08/17/46	0	0				3		
*	Dd-25	08/18/46	3.33	0	06/25/46 D			0		
*	Dd-26	08/18/46	0	0				0		
*	Dd-27	08/19/46	0	0				3		
*	Dd-28	08/19/46	3.33	0	06/25/46 D			0		
*	Dd-29	08/20/46	0	0				0	06:15 PM	
*	Dd-30	08/20/46	0	0				3		
*	Fd-31	08/21/46	3.36	0	06/26/46 F			0	09:20 PM	
*	Fd-32	08/21/46	0	0				0		
*	Fd-33	08/22/46	0	0				3	08:00 PM	
*	Dd-34	08/22/46	3.3	0	07/02/46 D			0		
*	Dd-35	08/23/46	0	0				0		
*	Dd-36	08/23/46	0	0				0	06:20 PM	
*	Dd37	08/25/46	1.24	2.06	07/02/46 D	07/09/46 D		3		
*	Dd38	08/25/46	0	0				0		
*	Dd39	08/26/46	0	0				0		

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 1					START	STOP
*Fd40		08/27/46	0		3.3		07/03/46 F	3		
*Fd41		08/27/46	0		0			0		
*Fd42		08/28/46	0		0			0		
*Dd43		08/28/46	0		3.3		07/09/46 D	3		
*Dd44		08/28/46	0		0			0		
*Dd45		08/29/46	0		0			0		
*Dd46		08/31/46	0		3.3		07/09/46 D	3		
*Dd47		08/31/46	0		0			0		
*Dd48		09/01/46	0		0			0		
*Dd49		09/02/46	0		3.3		07/09/46 D	3		
*Dd50		09/02/46	0		0			0		
*Dd51		09/03/46	0		0			0		
*Dd52		09/04/46	0		3.3		07/16/46 D	3		
*Dd53		09/04/46	0		0			0		
*Dd54		09/05/46	0		0			0		
*Dd 1		09/05/46	0.82		2.47	07/16/46 D	07/16/46 D	3		
*Dd 2		09/05/46	0		0			0		
*Dd 3		09/06/46	0		0			0		
*Dd 4		09/08/46	0		3.3		07/16/46 D	3		
*Dd 5		09/08/46	0		0			0		
*Dd 6		09/09/46	0		0			0		
*Fd 7		09/08/46	0		3.3		07/17/46 F	3		
*Fd 8		09/08/46	0		0			0		
*Fd 9		09/09/46	0		0			0		
*Fd10		09/12/46	0		3.3		07/17/46 F	3		
*Fd11		09/12/46	0		0			0		
*Fd12		09/13/46	0		0			0		

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2						START	STOP
*Dd13		09/13/46	0	3.3				07/23/46 D	3		
*Dd14		09/13/46	0	0					0		
*Dd15		09/14/46	0	0					0		
*Dd16		09/15/46	0	3.3				07/23/46 D	3		
*Dd17		09/15/46	0	0					0		
*Dd18		09/16/46	0	0					0		
*Fd19		09/16/46	0	3.3				07/24/46 F	3		
*Fd20		09/16/46	0	0					0		
*Fd21		09/17/46	0	0					0		
*Fd22		09/18/46	0	3.3				07/24/46 F	3		
*Fd23		09/18/46	0	0					0		
*Fd24		09/19/46	0	0					0		
*Dd25		09/20/46	0	3.3				07/30/46 D	3		
*Dd26		09/20/46	0	0					0		
*Dd27		09/21/46	0	0					0		
*Dd28		09/30/46	0	3.3				07/23/46 D	3		
*Dd29		09/30/46	0	0					0		
*Dd30		10/01/46	0	0					0		
*Dd31		10/02/46	0	3.3				07/30/46 D	3		
*Dd32		10/02/46	0	0					0		
*Dd33		10/03/46	0	0					0		
*Dd 1		10/04/46	0.94	2.47	07/30/46 D			07/30/46 D	3		
*Dd 2		10/04/46	0	0					0		
*Dd 3		10/05/46	0	0					0		
*Fd 4		10/06/46	0	3.3				08/07/46 F	3		
*Fd 5		10/06/46	0	0					0		
*Fd 6		10/07/46	0	0					0		

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2							START	STOP
*Fd 7		10/07/46	0	3.3	0	0	3.3	0	0	3	08/07/46 F	3
*Fd 8		10/07/46	0	0	0	0	0	0	0	0		0
*Fd 9		10/08/46	0	0	0	0	0	0	0	0		0
*Fd10		10/09/46	0	3.3	0	0	3.3	0	0	3	08/07/46 F	3
*Fd11		10/09/46	0	0	0	0	0	0	0	0		0
*Fd12		10/10/46	0	0	0	0	0	0	0	0		0
*Fd13		10/11/46	0	3.3	0	0	3.3	0	0	3	08/07/46 F	3
*Fd14		10/11/46	0	0	0	0	0	0	0	0		0
*Fd15		10/12/46	0	0	0	0	0	0	0	0		0
*Dd16		10/13/46	0	3.3	0	0	3.3	0	0	3	08/20/46 D	3
*Dd17		10/13/46	0	0	0	0	0	0	0	0		0
*Dd18		10/14/46	0	0	0	0	0	0	0	0		0
*Dd19		10/15/46	0	3.3	0	0	3.3	0	0	3	08/20/46 D	3
*Dd20		10/15/46	0	0	0	0	0	0	0	0		0
*Dd21		10/16/46	0	0	0	0	0	0	0	0		0
*Dd22		10/16/46	0	3.3	0	0	3.3	0	0	3	08/20/46 D	3
*Dd23		10/16/46	0	0	0	0	0	0	0	0		0
*Dd24		10/17/46	0	0	0	0	0	0	0	0		0
*Dd25		10/17/46	0	3.3	0	0	3.3	0	0	3	08/20/46 D	3
*Dd26		10/17/46	0	0	0	0	0	0	0	0		0
*Dd27		10/18/46	0	0	0	0	0	0	0	0		0
*Fd28		10/18/46	0	3.3	0	0	3.3	0	0	3	08/21/46 F	3
*Fd29		10/18/46	0	0	0	0	0	0	0	0		0
*Fd30		10/19/46	0	0	0	0	0	0	0	0		0
*Fd31		10/22/46	0	3.3	0	0	3.3	0	0	3	08/21/46 F	3
*Fd32		10/22/46	0	0	0	0	0	0	0	0		0
*Fd33		10/23/46	0	0	0	0	0	0	0	0		0

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2						START	STOP
*Fd34		10/24/46	0	3.3				08/21/46 F	3		
*Fd35		10/24/46	0	0					0		
*Fd36		10/25/46	0	0					0		
*Fd37		10/30/46	0	3.3				08/21/46 F	3		
*Fd38		10/30/46	0	0					0		
*Fd39		10/31/46	0	0					0		
*Fd40		11/02/46	0	3.3				08/28/46 F	3		
*Fd41		11/02/46	0	0					0		
*Fd42		11/03/46	0	0					0		
*Fd43		11/04/46	0	3.3				08/28/46 F	3		
*Fd44		11/04/46	0	0					0		
*Fd45		11/05/46	0	0					0		
*Dd46		11/06/46	0	3.3				09/03/46 D	3		
*Dd47		11/06/46	0	0					0		
*Dd48		11/07/46	0	0					0		
*Dd 1		11/07/46	0.82	2.47	09/03/46 D			09/03/46 D	3		
*Dd 2		11/07/46	0	0					0		
*Dd 3		11/08/46	0	0					0		
*Dd 4		11/09/46	0	3.3				09/03/46 D	3		
*Dd 5		11/09/46	0	0					0		
*Dd 6		11/10/46	0	0					0		
*Dd 7		11/10/46	0	3.3				09/03/46 D	3		
*Dd 8		11/10/46	0	0					0		
*Dd 9		11/11/46	0	0					0		
*Fd10		11/16/46	0	3.3				09/11/46 F	3		
*Fd11		11/16/46	0	0					0		
*Fd12		11/17/46	0	0					0		

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 2	Push 1	Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2							START	STOP
*Fd13		11/18/46	0	3.3			09/11/46 F			3		
*Fd14		11/18/46	0	0						0		
*Fd15		11/19/46	0	0						0		
*Fd16		11/20/46	0	3.3			09/11/46 F			3		
*Fd17		11/20/46	0	0						0		
*Fd18		11/21/46	0	0						0		
*Dd19		11/22/46	0	3.3			09/24/46 D			3		
*Dd20		11/22/46	0	0						0		
*Dd21		11/23/46	0	0						0		
*Fd22		11/23/46	0	3.3			09/25/46 F			3		
*Fd23		11/23/46	0	0						0		
*Fd24		11/24/46	0	0						0		
*Fd25		11/26/46	0	3.3			09/25/46 F			3		
*Fd26		11/26/46	0	0						0		
*Fd27		11/27/46	0	0						0		
*Dd28		11/27/46	0	3.3			10/01/46 D			3		
*Dd29		11/27/46	0	0						0		
*Dd30		11/28/46	0	0						0		
*Dd31		11/28/46	0	3.3			10/01/46 D			4		
*Dd32		11/28/46	0	0						0		
*Dd33		11/29/46	0	0						0		
*Dd34		11/29/46	0	0						0		
*Dd35		11/30/46	0	3.3			10/01/46 D			3		
*Dd36		11/30/46	0	0						0		
*Dd37		12/01/46	0	0						0		
*Fd 1		12/02/46	0	3.3			10/09/46 F			3		
*Fd 2		12/02/46	0	0						0		

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2						START	STOP
*Fd 3		12/03/46	0	0					0		
*Fd 4		12/04/46	0	3.3				10/09/46 F	3		
*Fd 5		12/04/46	0	0					0		
*Fd 6		12/05/46	0	0					0		
*Fd 7		12/06/46	0	3.3				10/09/46 F	3		
*Fd 8		12/06/46	0	0					0		
*Fd 9		12/07/46	0	0					0		
*Dd10		12/08/46	0	3.3				10/14/46 D	3		
*Dd11		12/08/46	0	0					0		
*Dd12		12/09/46	0	0					0		
*Dd13		12/09/46	0	3.3				10/14/46 D	3		
*Dd14		12/09/46	0	0					0		
*Dd15		12/10/46	0	0					0		
*Dd16		12/11/46	0	3.3				10/14/46 D	3		
*Dd17		12/11/46	0	0					0		
*Dd18		12/12/46	0	0					0		
*Dd19		12/13/46	0	3.3				10/14/46 D	3		
*Dd20		12/13/46	0	0					0		
*Dd21		12/14/46	0	0					0		
*Dd22		12/21/46	0	3.3				10/21/46 D	3		
*Dd23		12/21/46	0	0					0		
*Dd24		12/22/46	0	0					0		
*Dd25		12/23/46	0	3.3				10/21/46 D	3		
*Dd26		12/23/46	0	0					0		
*Dd27		12/24/46	0	0					0		
*Dd28		12/25/46	0	3.3				11/05/46 D	3		
*Dd29		12/25/46	0	0					0		

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2						START	STOP
*Dd30		12/26/46	0	0					0		
*Dd31		12/27/46	0	3.3				11/05/46 D	3		
*Dd32		12/27/46	0	0					0		
*Dd33		12/28/46	0	0					0		
*Dd 1		01/02/47	0	3.3				11/05/46 D	3		
*Dd 2		01/02/47	0	0					0		
*Dd 3		01/03/47	0	0					0		
*Dd 4		01/04/47	0	3.3				11/05/46 D	3		
*Dd 5		01/04/47	0	0					0		
*Dd 6		01/05/47	0	0					0		
*Fd 7		01/10/47	0	3.3				11/20/46 F	3		
*Fd 8		01/10/47	0	0					0		
*Fd 9		01/11/47	0	0					0		
*Fd10		01/11/47	0	3.3				11/20/46 F	3		
*Fd11		01/11/47	0	0					0		
*Fd12		01/12/47	0	0					0		
*Fd13		01/15/47	0	3.3				11/20/46 F	3		
*Fd14		01/15/47	0	0					0		
*Fd15		01/16/47	0	0					0		
*Dd16		01/18/47	0	3.3				11/26/46 D	3		
*Dd17		01/18/47	0	0					0		
*Dd18		01/19/47	0	0					0		
*Dd19		01/21/47	0	3.3				11/26/46 D	3		
*Dd20		01/21/47	0	0					0		
*Dd21		01/22/47	0	0					0		
*Dd22		01/23/47	0	3.3				11/26/46 D	3		
*Dd23		01/23/47	0	0					0		

TABLE 6.2. (contd)

S	Cut ID	Date Dissolved	Tons Charged		Push 1	Push 2	Push 1	Push 2	Number of Cuts	Dissolving Time	
			Push 1	Push 2						START	STOP
	*Dd24	01/24/47	0	0					0		
	*Dd25	01/31/47	2.88	0.41	11/26/46 D			12/03/46 D	3		
	*Dd26	01/31/47	0	0					0		
	*Dd27	02/01/47	0	0					0		
	*Dd28	02/02/47	0	3.3				12/03/46 D	3		
	*Dd29	02/02/47	0	0					0		
	*Dd30	02/03/47	0	0					0		
	*Dd 1	02/05/47	0	3.3				12/03/46 D	3		
	*Dd 2	02/05/47	0	0					0		
	*Dd 3	02/06/47	0	0					0		
	*Dd 4	02/08/47	0	3.3				12/03/46 D	3		

7.0 IODINE-131 RELEASES

The STRM iodine-131 releases are presented in this section. The results are presented in two formats. Tables 7.1 and 7.2 give the iodine-131 contents and releases from the dissolver to the stack for T and B Plants, respectively.

Column 1: Cut number. The sequential number assigned for the HEDR reconstruction.

Column 2: Cut ID. This is the name of the cut from the 200 Area Weekly Reports (Acken and Bird 1945; Bird and Donihee 1945) or the Metal History records (General Electric Company 1946).

Columns 3, 4, 5: Contents. Curies of iodine contained in the dissolver.

Columns 6, 7, 8: Released. Curies released out the stack from the dissolver.

"Mean" is the average of the quantity taken over the 100 Monte Carlo realizations. "Std. Dev." is the standard deviation of the mean taken over the 100 realizations. "C of V," the coefficient of variation is the ratio of the standard deviation to the mean.

Table 7.3 gives the daily number of curies released at T and B Plants. The "Released I-131 Ci" column is the mean of the sum of 24 hourly releases during the day for 100 realizations. In addition to the releases from the dissolver, these results contain the post-dissolving step releases which can occur over a 4-day period after the dissolving step is completed. They would be emitted out the stack by the canyon ventilation system.

TABLE 7.1. T Plant Dissolver Cut Iodine-131 Contents and Releases from STRM

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
1	T-4-12-B5	639	86	0.134	530	71	0.134
2	T-4-12-B6	588	83	0.141	488	70	0.144
3	T-4-12-B7	601	78	0.129	498	67	0.134
4	T-5-01-B1	600	73	0.121	498	61	0.123
5	T-5-01-B2	611	72	0.118	507	61	0.120
6	T-5-01-B3	618	70	0.114	513	61	0.119
7	T-5-02-B1	322	46	0.142	268	40	0.150
8	T-5-02-B2	292	38	0.130	242	32	0.133
9	T-5-02-B3	271	40	0.148	225	34	0.151
10	T-5-02-B4	384	53	0.137	319	45	0.142
11	T-5-02-B5	352	43	0.123	292	38	0.129
12	T-5-02-B6	359	48	0.134	298	41	0.137
13	T-5-03-B1	530	85	0.159	440	73	0.166
14	T-5-03-B2	527	69	0.131	437	58	0.132
15	T-5-03-B3	523	66	0.127	434	55	0.128
16	T-5-03-B4	422	56	0.133	350	48	0.138
17	T-5-03-B5	422	52	0.123	350	45	0.128
18	T-5-03-B6	383	45	0.117	318	37	0.118
19	T-5-04-B1	652	98	0.150	541	84	0.155
20	T-5-04-B2	619	90	0.146	513	74	0.144
21	T-5-04-B3	615	94	0.153	509	76	0.149
22	T-5-04-B4	585	76	0.131	485	67	0.138
23	T-5-04-B5	594	85	0.143	493	70	0.143
24	T-5-04-B6	583	76	0.130	484	68	0.141
25	T-5-04-B7	1043	158	0.152	865	133	0.153
26	T-5-04-B8	1063	142	0.134	882	123	0.140
27	T-5-04-B9	957	125	0.130	794	106	0.133
28	T-5-04-B10	1148	131	0.114	953	114	0.120
29	T-5-04-B11	1167	164	0.141	969	139	0.144
30	T-5-04-B12	1064	136	0.128	884	121	0.137
31	T-5-04-D13	1425	183	0.128	1182	152	0.129
32	T-5-04-D14	1394	160	0.115	1157	140	0.121
33	T-5-04-D15	1305	172	0.132	1083	150	0.138
34	T-5-04-D16	1003	125	0.124	832	107	0.128
35	T-5-04-D17	1009	126	0.125	837	111	0.132
36	T-5-04-D18	1040	117	0.113	864	107	0.124
37	T-5-04-B19	1199	163	0.136	996	139	0.140
38	T-5-04-B20	1219	162	0.133	1012	143	0.141
39	T-5-04-B21	1108	133	0.120	920	116	0.126
40	Bd-1	1004	133	0.132	834	115	0.138
41	Bd-2	1018	137	0.134	845	116	0.138
42	Bd-3	913	136	0.149	758	116	0.154
43	Bd-4	1388	188	0.135	1153	165	0.143
44	Bd-5	1273	164	0.129	1057	143	0.136
45	Bd-6	1265	173	0.137	1050	149	0.142
46	Bd-7	2689	380	0.142	2231	328	0.147

TABLE 7.1. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
47 Bd-8		2233	312	0.140	1854	271	0.146
48 Bd-9		2131	276	0.130	1768	233	0.132
49 Bd-10		2345	316	0.135	1946	274	0.141
50 Bd-11		2187	295	0.135	1815	249	0.137
51 Bd-12		2152	312	0.145	1787	275	0.154
52 Dd-13		1917	269	0.140	1591	227	0.143
53 Dd-14		1902	265	0.140	1577	217	0.137
54 Dd-15		1750	191	0.109	1453	167	0.115
55 Dd-16		1673	231	0.138	1389	205	0.148
56 Dd-17		1518	203	0.134	1260	175	0.139
57 Dd-18		1375	163	0.118	1142	148	0.130
58 Bd-19		1956	292	0.149	1624	252	0.155
59 Bd-20		1906	240	0.126	1581	204	0.129
60 Bd-21		1771	217	0.123	1470	195	0.132
61 T4-05Bd-22		2103	286	0.136	1746	247	0.141
62 T4-05Bd-23		1738	231	0.133	1443	201	0.140
63 T5-05Bd-24		1621	219	0.135	1345	185	0.137
64 T5-06Dd-1		1762	257	0.146	1464	227	0.155
65 T5-06Dd-2		1641	205	0.125	1362	179	0.132
66 T5-06Dd-3		1596	211	0.132	1325	179	0.135
67 Dd-4		1917	261	0.136	1590	218	0.137
68 Dd-5		1764	223	0.126	1464	194	0.133
69 Dd-6		1737	258	0.148	1440	213	0.148
70 Dd-7		2366	287	0.121	1965	255	0.130
71 Dd-8		2174	296	0.136	1804	250	0.139
72 Dd-9		1642	226	0.138	1362	189	0.138
73 Dd-10		2521	293	0.116	2093	264	0.126
74 Dd-11		2292	255	0.111	1901	217	0.114
75 Bd-1		1330	176	0.132	1104	153	0.139
76 Bd-2		1191	166	0.139	989	148	0.150
77 Bd-3		1201	152	0.126	997	128	0.128
78 Dd-4		1625	220	0.135	1348	183	0.136
79 Dd-5		1519	203	0.133	1260	168	0.133
80 Dd-6		1276	144	0.113	1059	123	0.116
81 Dd-7		2509	346	0.138	2083	302	0.145
82 Dd-8		1156	143	0.124	960	124	0.129
83 Dd-9		1160	175	0.151	962	144	0.150
84 Dd-10		1996	256	0.128	1657	219	0.133
85 Dd-11		2034	278	0.137	1688	238	0.141
86 Dd-12		1873	227	0.121	1554	196	0.126
87 Dd-13		2069	258	0.125	1718	228	0.133
88 Dd-14		1880	226	0.120	1561	199	0.128
89 Dd-15		1479	198	0.134	1228	174	0.142
90 Dd-16		1334	175	0.132	1107	150	0.136
91 Dd-17		1147	151	0.132	953	134	0.141
92 Dd-18		1222	151	0.124	1014	126	0.124

TABLE 7.1. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
93 Dd-19		1137	137	0.120	944	118	0.125
94 Dd-20		1039	116	0.112	861	92	0.107
95 Dd-21		965	121	0.126	801	104	0.130
96 Dd-1		2193	288	0.131	1820	250	0.137
97 Dd-2		1946	268	0.138	1615	230	0.142
98 Dd-3		1789	250	0.140	1485	216	0.145
99 Dd-4		2007	249	0.124	1665	212	0.127
100 Dd-5		1818	219	0.120	1509	190	0.126
101 Dd-6		1692	223	0.132	1404	190	0.135
102 Dd-7		1388	162	0.116	1153	145	0.126
103 Dd-8		1387	158	0.114	1151	139	0.121
104 Dd-9		1277	164	0.128	1060	145	0.137
105 Dd-10		1514	205	0.136	1257	179	0.143
106 Dd-11		1491	214	0.143	1236	171	0.139
107 Dd-12		1345	170	0.127	1116	149	0.133
108 Dd-13		1746	229	0.131	1449	196	0.135
109 Dd-14		1534	221	0.144	1273	188	0.148
110 Dd-15		1499	190	0.127	1245	167	0.134
111 Dd-16		1481	188	0.127	1229	164	0.134
112 Dd-17		1356	170	0.126	1125	144	0.128
113 Dd-18		1373	182	0.132	1140	156	0.137
114 Dd-19		1722	217	0.126	1432	203	0.142
115 Dd-20		1568	218	0.139	1300	182	0.140
116 Dd-21		1453	191	0.131	1206	162	0.135
117 Dd-22		1661	213	0.129	1378	185	0.134
118 Dd-23		1676	222	0.133	1391	196	0.141
119 Dd-24		1357	233	0.172	1126	194	0.173
120 Dd-1		1479	243	0.164	1228	206	0.168
121 Dd-2		1354	233	0.172	1123	193	0.172
122 Dd-3		941	174	0.186	780	141	0.181
123 Fd-4		1634	276	0.169	1357	236	0.174
124 Fd-5		1474	235	0.160	1224	205	0.168
125 Fd-6		1212	221	0.182	1005	185	0.184
126 Fd-7		1772	305	0.172	1470	258	0.176
127 Fd-8		1593	273	0.171	1322	231	0.175
128 Fd-9		1637	308	0.188	1359	261	0.192
129 Fd-10		1150	198	0.172	955	170	0.178
130 Fd-11		1043	189	0.182	865	162	0.187
131 Fd-12		882	181	0.205	732	152	0.207
132 Dd-13		1353	218	0.161	1125	195	0.173
133 Dd-14		1319	215	0.163	1096	188	0.171
134 Dd-15		1231	224	0.182	1022	192	0.188
135 Dd-16		1193	190	0.159	990	156	0.158
136 Dd-17		1142	192	0.168	947	158	0.167
137 Dd-18		1026	173	0.169	852	147	0.173
138 Fd-19		1499	259	0.173	1244	220	0.177

TABLE 7.1. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
139 Fd-20		1258	213	0.169	1044	179	0.172
140 Dd-21		1044	194	0.186	866	164	0.190
141 Dd-22		1588	265	0.167	1318	225	0.171
142 Fd-23		1430	232	0.163	1188	207	0.175
143 Fd-24		1459	272	0.186	1211	228	0.189
144 Fd-25		1578	258	0.163	1309	217	0.166
145 Fd-26		1493	240	0.161	1238	201	0.162
146 Fd-27		1368	244	0.179	1134	203	0.179
147 Fd-28		1788	288	0.161	1483	240	0.162
148 Fd-29		1597	254	0.159	1325	219	0.165
149 Fd-30		1482	259	0.175	1230	221	0.179
150 Dd-31		2093	368	0.176	1737	310	0.179
151 Dd-32		2066	244	0.118	1716	222	0.129
152 Dd-33		2059	279	0.135	1708	236	0.138
153 Dd-01		2203	281	0.128	1829	247	0.135
154 Dd-02		2018	238	0.118	1675	206	0.123
155 Dd-03		1984	263	0.133	1646	219	0.133
156 Dd-04		1881	272	0.145	1561	232	0.149
157 Dd-05		1724	225	0.131	1432	204	0.142
158 Dd-06		1538	187	0.122	1277	164	0.129
159 Dd-07		1709	235	0.138	1418	201	0.142
160 Dd-08		1569	208	0.132	1303	180	0.138
161 Dd-09		1425	153	0.107	1182	127	0.107
162 Dd-10		1176	151	0.128	976	126	0.129
163 Dd-11		1094	139	0.127	908	117	0.129
164 Dd-12		1104	141	0.128	916	122	0.134
165 Fd-13		1059	140	0.133	879	120	0.137
166 Fd-14		971	131	0.135	806	112	0.140
167 Fd-15		968	128	0.132	804	114	0.142
168 Fd-16		868	104	0.119	719	85	0.118
169 Fd-17		876	112	0.128	727	97	0.133
170 Fd-18		786	112	0.142	652	95	0.146
171 Fd-19		730	97	0.132	606	84	0.138
172 Fd-20		666	83	0.125	553	70	0.127
173 Fd-21		654	85	0.130	542	73	0.135
174 Fd-22		613	80	0.130	509	71	0.140
175 Fd-23		562	68	0.121	466	58	0.125
176 Fd-24		562	77	0.137	467	69	0.148
177 Fd-25		489	68	0.139	406	58	0.144
178 Fd-26		474	74	0.156	393	61	0.156
179 Fd-27		466	60	0.130	387	52	0.135
180 Fd-28		628	82	0.130	521	70	0.134
181 Fd-29		583	79	0.135	484	69	0.142
182 Fd-30		576	82	0.142	478	69	0.145
183 Fd-31		693	99	0.143	575	86	0.150
184 Fd-32		634	91	0.144	526	78	0.148

TABLE 7.1. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
185 Fd-33		531	67	0.127	440	56	0.127
186 Fd-34		648	86	0.132	538	74	0.138
187 Fd-35		704	95	0.135	584	82	0.141
188 Fd-36		576	76	0.133	478	65	0.136
189 Fd-37		913	111	0.122	758	97	0.128
190 Fd-38		835	108	0.129	692	91	0.132
191 Fd-39		766	97	0.127	636	84	0.132
192 Bd-40		1040	135	0.130	863	116	0.134
193 Bd-41		927	113	0.122	770	102	0.132
194 Bd-42		786	104	0.133	652	93	0.142
195 Bd-43		940	105	0.111	781	96	0.123
196 Bd-44		884	99	0.112	734	84	0.115
197 Bd-45		864	112	0.130	717	96	0.133
198 Bd-46		803	96	0.120	666	79	0.119
199 Bd-47		734	96	0.131	609	81	0.132
200 Bd-48		670	77	0.115	556	65	0.117
201 Bd-49		1095	135	0.123	909	119	0.131
202 Bd-50		1003	106	0.106	832	92	0.111
203 Bd-01		576	75	0.130	478	64	0.134
204 Bd-02		513	67	0.131	426	58	0.136
205 Bd-03		520	60	0.116	432	52	0.120
206 Fd-04		634	86	0.135	526	71	0.134
207 Fd-05		579	67	0.115	481	58	0.121
208 Fd-06		536	69	0.129	445	59	0.132
209 Fd-07		535	73	0.137	445	64	0.144
210 Fd-08		527	71	0.135	437	62	0.141
211 Fd-09		442	50	0.114	367	43	0.117
212 Fd-10		443	57	0.128	367	48	0.130
213 Fd-11		440	54	0.122	365	45	0.123
214 Fd-12		405	55	0.137	337	51	0.150
215 Fd-13		367	46	0.125	305	39	0.128
216 Fd-14		332	41	0.125	276	35	0.128
217 Fd-15		310	44	0.142	257	38	0.146
218 Fd-16		340	40	0.117	282	36	0.127
219 Fd-17		305	38	0.126	253	32	0.127
220 Fd-18		281	34	0.122	234	30	0.127
221 Fd-19		377	55	0.146	313	48	0.152
222 Fd-20		348	41	0.119	289	36	0.125
223 Fd-21		321	45	0.141	267	38	0.143
224 Fd-22		362	45	0.124	301	40	0.132
225 Fd-23		326	46	0.142	271	39	0.145
226 Fd-24		325	40	0.123	270	34	0.127
227 Fd-25		295	32	0.107	245	26	0.105
228 Fd-26		275	33	0.122	228	27	0.121
229 Fd-27		270	36	0.132	224	31	0.137
230 Fd-28		302	37	0.124	251	32	0.129

TABLE 7.1. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
231 Fd-29		271	35	0.129	225	30	0.134
232 Fd-30		249	32	0.128	206	26	0.126
233 Bd-31		249	32	0.127	206	27	0.131
234 Bd-32		208	26	0.126	172	23	0.131
235 Bd-33		192	24	0.127	159	22	0.138
236 Bd-34		208	28	0.136	173	24	0.140
237 Bd-35		184	23	0.127	153	20	0.130
238 Bd-36		173	21	0.121	144	18	0.126
239 Bd-37		186	24	0.131	154	21	0.138
240 Bd-38		171	22	0.128	142	19	0.131
241 Bd-39		144	18	0.124	119	15	0.130
242 Fd-40		410	50	0.123	341	44	0.130
243 Fd-41		375	48	0.128	311	41	0.131
244 Fd-42		373	50	0.133	310	43	0.139
245 Fd-43		715	75	0.104	594	65	0.110
246 Fd-44		712	93	0.131	591	81	0.137
247 Fd-01		485	57	0.118	402	48	0.120
248 Fd-02		441	52	0.118	365	43	0.117
249 Fd-03		403	50	0.125	334	42	0.127
250 Fd-04		265	39	0.148	220	34	0.154
251 Fd-05		241	29	0.121	200	25	0.127
252 Fd-06		201	25	0.126	167	22	0.133
253 Fd-07		98	12	0.121	82	10	0.122
254 Fd-08		108	15	0.134	90	12	0.137
255 Fd-09		100	14	0.137	83	11	0.137
256 Fd-10		214	32	0.147	178	28	0.157
257 Fd-11		229	31	0.136	190	27	0.141
258 Fd-12		211	28	0.134	175	25	0.143
259 Bd-13		488	61	0.125	405	53	0.131
260 Bd-14		458	57	0.125	380	48	0.126
261 Bd-15		424	63	0.148	352	55	0.157
262 Bd-16		713	100	0.141	592	86	0.146
263 Bd-17		655	95	0.146	544	82	0.152
264 Bd-18		597	84	0.141	495	72	0.145
265 Bd-19		661	85	0.129	549	75	0.137
266 Bd-20		623	69	0.110	517	61	0.118
267 Bd-21		559	74	0.132	463	62	0.133
268 Bd-22		568	69	0.122	471	58	0.123
269 Bd-23		546	75	0.138	453	64	0.141
270 Bd-24		557	72	0.130	463	63	0.137
271 Dd-25		619	75	0.122	514	66	0.129
272 Dd-26		587	80	0.137	487	70	0.144
273 Dd-27		521	65	0.126	433	56	0.130
274 Dd-28		874	119	0.136	726	103	0.142
275 Dd-29		796	137	0.173	661	119	0.179
276 Dd-30		784	98	0.125	651	84	0.129

TABLE 7.1. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
277 Dd-31		808	110	0.136	670	93	0.138
278 Dd-32		821	111	0.135	681	93	0.136
279 Dd-33		685	94	0.138	569	83	0.145
280 Dd-34		639	85	0.133	530	71	0.134
281 Dd-35		751	111	0.147	623	96	0.154
282 Dd-36		680	93	0.136	565	84	0.148
283 Dd-37		936	114	0.122	776	95	0.123
284 Dd-38		725	91	0.125	601	74	0.124
285 Fd-39		219	25	0.112	182	20	0.112
286 Fd-40		197	23	0.116	164	20	0.124
287 Fd-41		170	21	0.121	141	18	0.129
288 Dd-42		52	7	0.127	43	6	0.128
289 Dd-43		48	6	0.135	40	5	0.137
290 Dd-44		48	6	0.127	39	5	0.129
291 Dd-45		33	4	0.129	27	4	0.131
292 Dd-46		30	4	0.138	25	4	0.144
293 Dd-47		28	3	0.126	23	3	0.129
294 Fd-1		27	3	0.128	22	3	0.132
295 Fd-2		24	3	0.141	20	3	0.144
296 Fd-3		22	3	0.139	18	3	0.141
297 Dd-4		50	7	0.131	41	6	0.135
298 Dd-5		46	6	0.134	38	5	0.136
299 Dd-6		42	7	0.155	35	6	0.160
300 Dd-7		62	8	0.124	52	7	0.126
301 Dd-8		57	7	0.127	47	6	0.130
302 Dd-9		53	6	0.120	44	6	0.127
303 Fd-10		71	10	0.140	59	9	0.150
304 Fd-11		65	7	0.115	54	7	0.123
305 Fd-12		60	8	0.138	49	7	0.151
306 Fd-13		65	8	0.124	54	7	0.125
307 Fd-14		59	8	0.134	49	6	0.133
308 Fd-15		55	7	0.127	46	6	0.132
309 Dd-16		114	14	0.119	95	12	0.123
310 Dd-17		101	13	0.128	84	11	0.131
311 Dd-18		94	12	0.131	78	10	0.129
312 Dd-19		131	17	0.130	109	15	0.138
313 Dd-20		120	15	0.127	99	13	0.127
314 Dd-21		110	14	0.131	91	13	0.140
315 Fd-22		117	15	0.124	97	13	0.130
316 Fd-23		106	15	0.138	88	13	0.143
317 Fd-24		97	12	0.120	81	10	0.128
318 Fd-25		118	15	0.124	98	12	0.127
319 Fd-26		104	13	0.122	86	11	0.128
320 Fd-27		105	12	0.117	87	11	0.120
321 Bd-28		91	12	0.133	76	11	0.140
322 Bd-29		81	11	0.141	67	10	0.145

TABLE 7.1. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
323 Bd-30		81	11	0.130	67	9	0.139
324 Bd-1		221	31	0.141	183	27	0.148
325 Bd-2		202	29	0.143	168	24	0.146
326 Bd-3		189	27	0.144	156	23	0.148
327 Bd-4		255	35	0.138	211	29	0.138
328 Bd-5		237	31	0.131	196	28	0.141
329 Bd-6		216	29	0.132	179	24	0.135
330 Bd-7		202	28	0.137	168	23	0.139
331 Bd-8		186	24	0.131	155	21	0.133
332 Bd-9		201	23	0.116	167	20	0.119
333 Bd-10		146	22	0.152	121	19	0.156
334 Bd-11		133	17	0.131	111	16	0.142
335 Bd-12		122	17	0.142	101	15	0.150
336 Bd-13		99	13	0.136	82	12	0.141
337 Bd-14		101	14	0.135	84	11	0.134
338 Bd-15		93	13	0.136	77	11	0.141
339 Bd-16		79	9	0.113	65	7	0.114
340 Bd-17		73	9	0.129	60	8	0.136
341 Bd-18		67	8	0.127	55	7	0.129
342 Bd-19		65	9	0.136	54	8	0.141
343 Bd-20		50	6	0.115	42	5	0.125
344 Bd-21		33	4	0.118	28	3	0.123
345 Bd-22		34	4	0.121	28	3	0.116
346 Bd-23		33	4	0.127	28	4	0.130
347 Bd-24		30	4	0.126	25	3	0.133
348 Bd-1		19	3	0.129	16	2	0.135
349 Bd-2		19	2	0.124	16	2	0.127
350 Bd-3		18	2	0.132	15	2	0.140
351 Bd-4		15	2	0.111	13	1	0.116
352 Bd-5		14	2	0.120	12	1	0.124
353 Bd-6		13	2	0.121	11	1	0.130
354 Fd-7		68	9	0.132	57	8	0.134
355 Fd-8		61	8	0.129	51	7	0.132
356 Fd-9		57	9	0.153	47	7	0.155
357 Fd-10		56	8	0.151	47	7	0.160
358 Fd-11		52	6	0.120	43	6	0.129
359 Fd-12		52	7	0.127	43	6	0.135
360 Fd-13		57	7	0.120	48	6	0.130
361 Fd-14		53	6	0.119	44	5	0.123
362 Fd-15		49	6	0.127	41	5	0.124
363 Fd-16		44	5	0.110	36	4	0.116
364 Fd-17		40	5	0.117	33	4	0.121
365 Fd-18		40	5	0.131	33	4	0.133
366 Fd-19		39	5	0.130	32	4	0.134
367 Fd-20		36	5	0.132	30	4	0.139
368 Fd-21		36	5	0.129	30	4	0.131

TABLE 7.1. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
369 Dd-22		125	18	0.145	104	16	0.154
370 Dd-23		117	15	0.125	97	13	0.131
371 Dd-24		104	16	0.156	86	14	0.160
372 Dd-25		141	18	0.127	117	15	0.127
373 Dd-26		130	18	0.143	108	16	0.149
374 Dd-27		121	16	0.131	100	14	0.139
375 Dd-28		112	14	0.127	93	12	0.132
376 Dd-29		135	20	0.150	112	17	0.151
377 Dd-30		124	15	0.119	103	13	0.125
378 Dd-31		119	17	0.140	99	14	0.143
379 Dd-32		110	15	0.136	91	13	0.146
380 Dd-33		101	14	0.140	84	12	0.139
381 Fd-1		191	26	0.138	159	23	0.146
382 Fd-2		174	25	0.146	145	21	0.148
383 Fd-3		160	26	0.160	133	22	0.168
384 Fd-4		225	27	0.122	187	24	0.126
385 Fd-5		188	21	0.114	156	19	0.122
386 Fd-6		173	20	0.118	143	17	0.121
387 Fd-7		187	25	0.133	155	21	0.135
388 Fd-8		171	21	0.123	142	19	0.131
389 Fd-9		156	20	0.126	130	17	0.134
390 Fd-10		157	22	0.140	131	19	0.145
391 Fd-11		144	20	0.138	120	17	0.145
392 Fd-12		133	17	0.129	110	15	0.135
393 Fd-13		90	12	0.130	75	10	0.134
394 Fd-14		83	12	0.145	69	10	0.153
395 Fd-15		77	11	0.139	64	9	0.143
396 Fd-16		127	18	0.145	106	16	0.153
397 Fd-17		118	17	0.146	98	15	0.150
398 Fd-18		118	16	0.135	98	13	0.137
399 Fd-19		143	20	0.141	119	17	0.143
400 Fd-20		142	20	0.139	118	17	0.144
401 Fd-21		130	17	0.128	108	15	0.135
402 Fd-22		130	16	0.120	108	13	0.120
403 Fd-23		122	18	0.151	101	16	0.154
404 Fd-24		111	16	0.141	92	13	0.145
405 Fd-25		98	11	0.113	81	10	0.119
406 Fd-26		92	14	0.151	77	12	0.155
407 Fd-27		89	10	0.118	74	9	0.126
408 Dd-28		172	24	0.139	142	20	0.139
409 Dd-29		154	20	0.128	128	17	0.136
410 Dd-30		153	24	0.154	127	20	0.159
411 Dd-31		200	28	0.139	166	24	0.146
412 Dd-32		180	23	0.125	149	19	0.128
413 Dd-33		178	23	0.130	148	20	0.135
414 Dd-34		164	20	0.124	136	18	0.131

TABLE 7.1. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
415	Dd-35	164	21	0.127	136	18	0.129
416	Dd-36	147	19	0.127	122	17	0.139
417	Dd-37	153	21	0.136	127	17	0.138
418	Dd-38	154	20	0.133	127	17	0.135
419	Dd-39	141	17	0.124	117	15	0.129
420	Dd-40	111	14	0.123	92	12	0.132
421	Dd-41	103	13	0.130	86	12	0.137
422	Dd-42	104	12	0.118	87	11	0.124
423	Dd-1	286	44	0.153	237	37	0.155
424	Dd-2	263	35	0.133	218	30	0.138
425	Dd-3	241	35	0.147	200	31	0.155
426	Dd-4	350	49	0.140	291	43	0.149
427	Dd-5	317	40	0.126	263	34	0.129
428	Dd-6	286	32	0.114	238	30	0.125
429	Dd-7	267	32	0.119	221	27	0.120
430	Dd-8	248	34	0.137	206	29	0.142
431	Dd-9	221	27	0.121	183	23	0.126
432	Bd-10	174	31	0.179	144	25	0.176
433	Bd-11	167	29	0.175	139	25	0.183
434	Bd-12	154	32	0.209	128	26	0.208
435	Bd-13	159	26	0.166	132	23	0.172
436	Bd-14	151	27	0.176	125	23	0.180
437	Bd-15	126	23	0.186	105	20	0.190
438	Bd-16	117	23	0.196	97	18	0.189
439	Bd-17	117	24	0.203	97	20	0.209
440	Bd-18	107	20	0.189	88	17	0.191
441	Bd-19	106	20	0.185	88	17	0.189
442	Bd-20	93	18	0.199	77	16	0.208
443	Bd-21	94	16	0.171	78	14	0.175
444	Bd-22	99	19	0.189	83	16	0.190
445	Bd-23	94	17	0.185	78	15	0.189
446	Bd-24	81	17	0.209	67	15	0.217
447	Bd-25	68	13	0.191	57	11	0.195
448	Bd-26	52	9	0.168	43	8	0.174
449	Bd-27	46	9	0.207	38	8	0.211
450	Bd-28	41	9	0.216	34	8	0.223
451	Bd-29	34	7	0.215	29	6	0.219
452	Bd-30	29	5	0.187	24	5	0.192
453	Fd-1	20	4	0.188	17	3	0.187
454	Fd-2	19	3	0.179	15	3	0.181
455	Fd-3	15	3	0.195	13	2	0.196
456	Bd-4	12	2	0.186	10	2	0.187
457	Bd-5	11	2	0.188	9	2	0.194
458	Bd-6	9	2	0.193	8	2	0.199
459	Bd-7	10	2	0.192	8	2	0.198
460	Bd-8	9	2	0.204	8	2	0.209

TABLE 7.1. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
461 Bd-9		8	2	0.205	6	1	0.209
462 Bd-10		8	1	0.183	7	1	0.193
463 Bd-11		7	1	0.211	6	1	0.220
464 Bd-12		6	1	0.176	5	1	0.180
465 Bd-13		6	1	0.188	5	1	0.187
466 Bd-14		5	1	0.194	4	1	0.200
467 Bd-15		4	1	0.201	4	1	0.202
468 Bd-16		5	1	0.225	4	1	0.229
469 Bd-17		4	1	0.184	3	1	0.184
470 Bd-18		4	1	0.215	3	1	0.216
471 Dd-19		4	1	0.142	3	0	0.141
472 Dd-20		3	0	0.135	2	0	0.141
473 Dd-21		3	0	0.143	2	0	0.143
474 Dd-1		46	8	0.179	38	7	0.180
475 Dd-2		43	7	0.157	35	6	0.160
476 Dd-3		38	6	0.164	32	5	0.168
477 Dd-4		53	8	0.159	44	7	0.164
478 Dd-5		48	7	0.155	40	6	0.152
479 Dd-6		44	7	0.161	37	6	0.160
480 Dd-7		37	6	0.159	31	5	0.164
481 Dd-8		34	5	0.161	28	5	0.163
482 Dd-9		32	5	0.158	26	4	0.165
483 Fd-10		51	7	0.138	43	6	0.142
484 Fd-11		48	7	0.140	40	6	0.146
485 Fd-12		45	7	0.150	37	6	0.156
486 Fd-13		49	7	0.152	40	6	0.157
487 Fd-14		42	6	0.141	35	5	0.149
488 Fd-15		37	5	0.145	31	5	0.152
489 Fd-16		35	4	0.127	29	4	0.138
490 Fd-17		32	5	0.150	27	4	0.157
491 Fd-18		29	4	0.123	24	3	0.128
492 Fd-19		26	4	0.159	22	4	0.161
493 Fd-20		24	4	0.169	20	4	0.175
494 Fd-21		20	3	0.165	17	3	0.166
495 Fd-22		34	4	0.116	29	3	0.120
496 Fd-23		32	4	0.131	26	4	0.139
497 Fd-24		29	4	0.139	24	4	0.144
498 Fd-25		33	5	0.142	27	4	0.144
499 Fd-26		30	4	0.125	25	3	0.135
500 Fd-27		25	3	0.137	21	3	0.141
501 Fd-1		14	3	0.202	12	2	0.212
502 Fd-2		13	3	0.216	11	2	0.220
503 Fd-3		12	2	0.191	10	2	0.188
504 Fd-4		9	2	0.198	7	2	0.204
505 Fd-5		9	2	0.203	8	2	0.209
506 Fd-6		8	2	0.207	7	1	0.212

TABLE 7.1. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
507 Fd 1		132	26	0.195	109	21	0.195
508 Fd 2		131	26	0.202	109	23	0.212
509 Fd 3		123	22	0.180	102	19	0.182
510 Fd 4		49	9	0.190	41	8	0.190
511 Fd 5		52	10	0.186	43	8	0.191
512 Fd 6		47	10	0.210	39	8	0.207
513 Dd 1		120	28	0.229	100	23	0.232
514 Dd 2		117	23	0.199	97	19	0.201
515 Dd 3		111	25	0.229	92	21	0.226
516 Dd 4		50	12	0.239	42	10	0.243
517 Dd 5		47	10	0.213	39	9	0.219
518 Dd 6		44	9	0.207	37	8	0.212
519 Dd 1		123	26	0.210	102	21	0.210
520 Dd 2		115	24	0.209	95	20	0.206
521 Dd 3		107	25	0.233	88	21	0.232
522 Dd 4		121	23	0.192	100	19	0.191
523 Dd 5		117	26	0.222	97	22	0.228
524 Dd 6		110	22	0.197	91	18	0.202
525 Dd 7		92	17	0.182	76	14	0.182
526 Dd 8		93	20	0.218	77	17	0.219
527 Dd 9		84	19	0.224	70	16	0.231
528 Dd10		178	38	0.213	148	32	0.219
529 Dd11		181	37	0.205	150	30	0.201
530 Dd12		165	32	0.196	137	28	0.202
531 Dd13		167	31	0.186	139	27	0.194
532 Dd14		166	26	0.157	138	23	0.165
533 Dd15		152	29	0.191	127	25	0.199
534 Fd16		83	16	0.196	69	14	0.200
535 Fd17		82	13	0.157	68	11	0.160
536 Fd18		74	14	0.187	61	12	0.188
537 Fd19		50	10	0.198	41	8	0.197
538 Fd20		47	9	0.186	39	7	0.184
539 Fd21		46	9	0.201	38	8	0.203
540 Dd22		81	20	0.240	68	17	0.245
541 Dd23		79	15	0.194	66	13	0.199
542 Dd24		75	16	0.215	62	14	0.220
543 Fd 1		82	16	0.192	68	14	0.202
544 Fd 2		83	16	0.196	69	14	0.207
545 Fd 3		77	15	0.200	64	13	0.203
546 Fd 4		63	12	0.197	53	11	0.201
547 Fd 5		62	10	0.168	52	9	0.173
548 Fd 6		59	12	0.196	49	10	0.205
549 Fd 7		45	8	0.169	37	6	0.167
550 Fd 8		43	8	0.196	36	7	0.200
551 Fd 9		40	7	0.179	33	6	0.185
552 Fd10		194	35	0.182	161	30	0.189

TABLE 7.1. (contd)

Cut	Cut ID	Contents			Released		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
553 Fd11		194	43	0.219	161	37	0.226
554 Fd12		181	36	0.200	150	30	0.202
555 Fd13		165	34	0.204	137	29	0.212
556 Fd14		163	33	0.201	135	27	0.201
557 Fd15		152	32	0.210	126	27	0.212
558 Fd16		101	20	0.194	84	17	0.197
559 Fd17		97	20	0.200	81	16	0.204
560 Fd18		93	18	0.198	77	16	0.205
561 Fd 1		141	25	0.178	117	21	0.181
562 Fd 2		138	22	0.158	115	19	0.168
563 Fd 3		131	24	0.188	108	21	0.190
564 Fd 4		90	17	0.192	75	15	0.197
565 Fd 5		91	17	0.183	75	14	0.188
566 Fd 6		88	18	0.207	73	15	0.211
567 Dd 7		79	15	0.195	66	13	0.197
568 Dd 8		78	15	0.186	65	12	0.187
569 Dd 9		72	14	0.190	59	12	0.194
570 Dd10		39	7	0.179	32	6	0.177
571 Dd11		40	7	0.187	33	6	0.194
572 Dd12		35	7	0.186	29	6	0.190
573 Dd13		113	26	0.226	94	22	0.230
574 Dd14		115	25	0.220	95	21	0.221
575 Dd15		105	22	0.213	87	19	0.212
576 Dd16		112	23	0.208	93	19	0.204
577 Dd17		108	20	0.189	90	18	0.196
578 Dd18		102	23	0.225	85	19	0.226
579 Fd19		86	18	0.213	71	15	0.214
580 Fd20		86	17	0.197	72	14	0.195
581 Fd21		80	16	0.206	66	14	0.208
582 Fd22		144	28	0.194	119	24	0.198
583 Fd23		142	29	0.204	118	24	0.207
584 Fd24		133	27	0.203	111	23	0.205
585 Fd 1		147	29	0.200	122	25	0.203
586 Fd 2		151	32	0.213	125	26	0.209
587 Fd 3		137	23	0.167	114	19	0.167
588 Fd 4		95	19	0.196	79	16	0.198
589 Fd 5		94	18	0.193	78	15	0.198
590 Fd 6		87	17	0.195	72	14	0.195
591 Fd 7		73	13	0.173	61	11	0.174
592 Fd 8		76	17	0.218	63	14	0.226
593 Fd 9		69	13	0.190	57	11	0.196
594 Fd10		139	25	0.179	116	21	0.182
595 Fd11		140	26	0.184	116	22	0.191
596 Fd12		126	24	0.193	104	20	0.191
597 Fd13		144	25	0.176	119	21	0.177
598 Fd14		138	27	0.199	114	24	0.209

TABLE 7.1. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
599 Fd15		126	23	0.184	104	19	0.181
600 Fd16		98	17	0.178	81	15	0.179
601 Fd17		98	16	0.167	82	14	0.170
602 Fd18		94	19	0.203	78	16	0.205
603 Dd 1		78	15	0.189	65	12	0.186
604 Dd 2		78	15	0.186	65	13	0.197
605 Dd 3		72	12	0.173	60	10	0.174
606 Dd 4		128	25	0.192	106	21	0.195
607 Dd 5		123	23	0.185	102	19	0.185
608 Dd 6		116	24	0.208	96	20	0.211
609 Dd 7		128	25	0.197	106	21	0.202
610 Dd 8		128	25	0.198	106	22	0.206
611 Dd 9		118	21	0.177	98	17	0.175
612 Dd10		91	18	0.192	76	15	0.192
613 Dd11		91	17	0.191	76	15	0.193
614 Dd12		82	17	0.208	68	14	0.208
615 Fd13		95	18	0.195	79	15	0.194
616 Fd14		95	17	0.176	79	14	0.182
617 Fd15		85	17	0.198	70	14	0.203
618 Fd16		82	15	0.179	68	12	0.178
619 Fd17		81	16	0.195	67	13	0.197
620 Fd18		76	14	0.191	63	13	0.204
621 Fd19		58	10	0.165	48	8	0.163
622 Fd20		57	11	0.200	47	10	0.206
623 Fd21		52	10	0.185	43	8	0.187
624 Fd22		41	8	0.185	34	7	0.192
625 Fd23		42	8	0.200	35	7	0.205
626 Fd24		37	7	0.177	31	6	0.178
627 Fd25		100	18	0.177	83	15	0.180
628 Fd26		99	21	0.206	83	17	0.212
629 Fd27		91	17	0.192	76	15	0.197
630 Fd 1		85	17	0.195	71	14	0.197
631 Fd 2		86	15	0.177	72	13	0.184
632 Fd 3		79	14	0.180	66	12	0.185
633 Fd 4		72	13	0.177	60	11	0.178
634 Fd 5		73	14	0.191	61	12	0.201
635 Fd 6		66	11	0.168	55	9	0.171
636 Dd 7		122	23	0.191	101	20	0.195
637 Fd 8		122	24	0.194	101	20	0.198
638 Fd 9		110	24	0.221	92	20	0.221
639 Fd10		96	21	0.221	80	17	0.219
640 Fd11		92	19	0.207	76	17	0.217
641 Fd12		87	19	0.219	72	16	0.224
642 Fd13		72	14	0.198	59	12	0.195
643 Fd14		75	14	0.185	62	11	0.182
644 Fd15		68	12	0.179	57	10	0.175

TABLE 7.1. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
645 Fd16		57	11	0.200	47	10	0.204
646 Dd17		57	12	0.209	47	10	0.219
647 Dd18		50	10	0.195	41	8	0.199
648 Fd19		133	28	0.211	110	24	0.213
649 Fd20		130	27	0.211	108	23	0.210
650 Fd21		123	24	0.191	102	20	0.195
651 Fd22		122	25	0.208	101	22	0.213
652 Fd23		125	25	0.198	104	21	0.200
653 Fd24		115	20	0.175	96	17	0.178
654 Fd25		99	19	0.189	82	16	0.198
655 Fd26		93	16	0.175	78	14	0.175
656 Fd27		90	18	0.198	75	15	0.203
657 Fd 1		94	20	0.208	78	16	0.205
658 Fd 2		99	18	0.184	82	15	0.187
659 Fd 3		90	18	0.198	75	15	0.202
660 Fd 4		87	16	0.184	72	13	0.183
661 Fd 5		86	16	0.186	72	14	0.196
662 Fd 6		78	16	0.204	65	13	0.202
663 Fd 7		63	13	0.204	52	11	0.209
664 Fd 8		64	12	0.194	53	10	0.196
665 Fd 9		58	12	0.199	48	10	0.204
666 Fd10		90	19	0.205	75	16	0.212
667 Fd11		93	16	0.173	77	14	0.175
668 Fd12		81	15	0.187	68	13	0.186
669 Fd13		72	16	0.226	60	13	0.221
670 Fd14		72	15	0.212	60	13	0.211
671 Fd15		66	15	0.224	55	12	0.221
672 Fd16		92	18	0.190	77	15	0.194
673 Fd17		91	18	0.193	75	15	0.196
674 Fd18		86	16	0.182	71	13	0.185
675 Fd19		73	16	0.219	61	13	0.221
676 Fd20		74	13	0.172	62	11	0.175
677 Fd21		66	13	0.205	55	11	0.202
678 Dd 1		97	20	0.209	80	17	0.211
679 Dd 2		92	20	0.212	77	17	0.217
680 Dd 3		87	17	0.196	72	14	0.195
681 Dd 4		82	16	0.197	68	14	0.205
682 Dd 5		79	17	0.213	66	15	0.221
683 Dd 6		73	12	0.161	61	10	0.167
684 Dd 7		52	10	0.200	43	9	0.205
685 Dd 8		52	10	0.190	44	9	0.196
686 Dd 9		48	10	0.201	39	8	0.199
687 Dd10		40	8	0.205	33	7	0.208
688 Dd11		40	8	0.195	33	7	0.201
689 Dd12		37	7	0.197	30	6	0.201
690 Dd13		35	7	0.196	29	6	0.198

TABLE 7.1. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
691 Dd14		35	7	0.189	29	6	0.193
692 Dd15		33	7	0.201	27	5	0.202
693 Dd 1		28	6	0.204	23	5	0.210
694 Dd 2		27	5	0.198	23	5	0.203
695 Dd 3		26	5	0.187	21	4	0.188
696 Dd 4		23	5	0.201	19	4	0.202
697 Dd 5		24	4	0.187	20	4	0.194
698 Dd 6		21	4	0.201	17	4	0.205
699 Dd 7		42	8	0.181	35	6	0.182
700 Dd 8		41	8	0.203	34	7	0.197
701 Dd 9		41	8	0.196	34	7	0.206
702 Dd10		44	9	0.199	36	7	0.197
703 Dd11		43	9	0.211	36	8	0.209
704 Dd12		40	8	0.205	33	7	0.203
705 Dd13		82	15	0.178	68	12	0.178
706 Dd14		79	16	0.208	65	14	0.207
707 Dd15		73	15	0.199	61	13	0.209
708 Dd16		43	8	0.183	36	7	0.187
709 Dd17		42	8	0.181	35	6	0.181
710 Dd18		40	7	0.177	33	6	0.176
711 Dd19		40	7	0.185	33	6	0.187
712 Dd20		41	7	0.181	34	6	0.188
713 Dd21		36	7	0.201	30	6	0.205
714 Dd22		34	6	0.164	28	5	0.163
715 Dd23		34	7	0.190	28	5	0.187
716 Dd24		31	5	0.168	26	4	0.172
717 Dd25		38	8	0.199	32	6	0.197
718 Dd26		38	6	0.165	31	5	0.170
719 Dd27		34	7	0.204	28	6	0.199
720 Dd 1		31	6	0.203	26	5	0.206
721 Dd 2		32	6	0.201	26	5	0.202
722 Dd 3		30	6	0.192	25	5	0.190
723 Dd 4		20	4	0.197	17	3	0.196
724 Dd 5		20	4	0.200	17	3	0.198
725 Dd 6		18	4	0.194	15	3	0.195
726 Fd 7		20	4	0.216	16	4	0.214
727 Fd 8		20	4	0.209	17	3	0.206
728 Fd 9		18	4	0.209	15	3	0.209
729 Fd10		15	3	0.195	13	3	0.197
730 Fd11		16	4	0.216	13	3	0.212
731 Fd12		15	3	0.215	12	3	0.213
732 Dd13		28	6	0.208	24	5	0.213
733 Dd14		28	5	0.190	23	4	0.193
734 Dd15		26	5	0.200	21	4	0.204
735 Dd16		29	6	0.211	24	5	0.215
736 Dd17		30	6	0.199	25	5	0.203

TABLE 7.1. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
737 Dd18		27	5	0.196	23	5	0.204
738 Dd19		20	4	0.219	16	4	0.222
739 Dd20		20	4	0.190	17	3	0.191
740 Dd21		18	4	0.223	15	3	0.225
741 Dd22		32	7	0.202	27	6	0.209
742 Dd23		34	7	0.205	28	6	0.205
743 Dd24		32	6	0.196	27	5	0.196
744 Dd25		35	7	0.207	29	6	0.215
745 Dd26		34	6	0.192	28	6	0.197
746 Dd27		31	6	0.192	26	5	0.195
747 Dd 1		26	6	0.212	22	5	0.217
748 Dd 2		27	6	0.212	22	5	0.219
749 Dd 3		23	4	0.192	19	4	0.194
750 Fd 4		25	4	0.176	21	4	0.178
751 Fd 5		25	5	0.207	21	4	0.208
752 Fd 6		23	5	0.223	19	4	0.225
753 Fd 7		20	4	0.219	16	4	0.222
754 Fd 8		19	4	0.195	16	3	0.200
755 Fd 9		18	4	0.202	15	3	0.206
756 Fd10		23	4	0.182	19	4	0.185
757 Fd11		23	4	0.173	19	3	0.176
758 Fd12		22	4	0.202	18	4	0.206
759 Fd13		20	3	0.165	17	3	0.172
760 Fd14		21	4	0.205	17	4	0.207
761 Fd15		19	3	0.185	16	3	0.191
762 Fd16		17	4	0.213	14	3	0.213
763 Fd17		17	3	0.176	14	3	0.177
764 Fd18		15	3	0.176	13	2	0.181
765 Fd19		21	4	0.209	17	4	0.213
766 Fd20		21	4	0.198	17	4	0.203
767 Fd21		19	4	0.198	16	3	0.202
768 Fd 1		21	4	0.190	17	3	0.190
769 Fd 2		21	4	0.195	17	3	0.201
770 Fd 3		19	4	0.205	16	3	0.209
771 Fd 4		14	2	0.158	11	2	0.165
772 Fd 5		13	3	0.187	11	2	0.188
773 Fd 6		13	3	0.204	10	2	0.210
774 Fd 7		16	3	0.206	14	3	0.215
775 Fd 8		16	3	0.206	13	3	0.211
776 Fd 9		15	3	0.203	12	2	0.203
777 Fd10		14	3	0.190	11	2	0.187
778 Fd11		14	3	0.189	11	2	0.196
779 Fd12		13	2	0.189	11	2	0.196
780 Dd13		17	4	0.227	14	3	0.234
781 Dd14		17	3	0.187	14	3	0.189
782 Dd15		15	3	0.191	13	2	0.195

TABLE 7.1. (contd)

Cut	Cut ID	Contents			Released		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
783 Dd16		19	3	0.186	15	3	0.188
784 Dd17		19	4	0.211	16	3	0.210
785 Dd18		18	3	0.196	15	3	0.200
786 Dd 1		12	2	0.187	10	2	0.188
787 Dd 2		12	2	0.183	10	2	0.194
788 Dd 3		11	2	0.207	9	2	0.211
789 Dd 4		8	1	0.182	7	1	0.189
790 Dd 5		8	1	0.188	7	1	0.192
791 Dd 6		7	1	0.185	6	1	0.187
792 Dd 7		9	2	0.191	8	1	0.196
793 Dd 8		9	2	0.190	8	1	0.188
794 Dd 9		8	2	0.194	7	1	0.196
795 Dd10		8	2	0.220	7	1	0.221
796 Dd11		8	2	0.210	7	1	0.214
797 Dd12		7	1	0.188	6	1	0.193
798 Dd13		6	1	0.188	5	1	0.187
799 Dd14		7	1	0.195	5	1	0.198
800 Dd15		6	1	0.206	5	1	0.218
801 Dd16		5	1	0.169	4	1	0.167
802 Dd17		4	1	0.192	4	1	0.192
803 Dd18		4	1	0.192	3	1	0.191
804 Fd19		9	2	0.182	7	1	0.189
805 Fd20		8	2	0.207	7	1	0.210
806 Fd21		8	2	0.227	6	1	0.223
807 Fd22		6	1	0.200	5	1	0.209
808 Fd23		6	1	0.190	5	1	0.198
809 Fd24		5	1	0.182	5	1	0.187
810 Fd25		7	1	0.198	6	1	0.205
811 Fd26		7	1	0.182	6	1	0.183
812 Fd27		6	1	0.217	5	1	0.223
813 Fd 1		7	1	0.190	5	1	0.194
814 Fd 2		6	1	0.200	5	1	0.205
815 Fd 3		6	1	0.205	5	1	0.215
816 Fd 4		5	1	0.177	4	1	0.189
817 Fd 5		5	1	0.196	4	1	0.206
818 Fd 6		5	1	0.210	4	1	0.217
819 Dd 7		11	2	0.173	9	2	0.174
820 Dd.8		11	2	0.192	9	2	0.196
821 Dd 9		10	2	0.193	9	2	0.198
822 Dd10		12	2	0.193	10	2	0.198
823 Dd11		11	2	0.184	9	2	0.188
824 Dd12		10	2	0.177	9	2	0.180
825 Dd13		8	2	0.211	7	1	0.210
826 Dd14		8	1	0.179	7	1	0.186
827 Dd15		7	1	0.201	6	1	0.199
828 Dd16		9	2	0.205	8	2	0.209

TABLE 7.1. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
829	Dd17	9	2	0.190	7	1	0.196
830	Dd18	8	2	0.190	7	1	0.197
831	Fd19	7	1	0.189	6	1	0.192
832	Fd20	7	1	0.187	6	1	0.191
833	Fd21	7	1	0.177	5	1	0.182
Sums		333775			277008		

TABLE 7.2. B Plant Dissolver Cut Iodine-131 Contents and Releases from STRM

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
1	B-5-04-B1	559	65	0.116	464	56	0.120
2	B-5-04-B2	501	62	0.123	416	53	0.127
3	B-5-04-B3	1048	142	0.136	869	120	0.139
4	B-5-04-B4	1021	136	0.134	848	121	0.143
5	B-5-04-B5	949	129	0.136	787	107	0.136
6	B-5-04-D6	1146	146	0.127	951	127	0.133
7	B-5-04-D7	1181	157	0.133	980	138	0.141
8	B-5-04-D8	1080	139	0.129	895	112	0.126
9	B-5-04-B9	1446	181	0.125	1200	153	0.127
10	B5-04-B10	1467	200	0.136	1217	168	0.138
11	B5-04-B11	1356	183	0.135	1125	152	0.135
12	Bd-1	1213	157	0.130	1007	135	0.134
13	Bd-2	1096	135	0.123	909	114	0.126
14	Bd-3	1008	153	0.152	837	133	0.159
15	Dd-4	1508	206	0.137	1251	171	0.137
16	Dd-5	1378	173	0.125	1144	151	0.132
17	Dd-6	1257	157	0.125	1044	141	0.135
18	Dd-7	1376	172	0.125	1142	150	0.131
19	Dd-8	1263	162	0.128	1049	147	0.140
20	Dd-9	1269	162	0.128	1053	141	0.134
21	Bd-10	2927	399	0.136	2429	338	0.139
22	Bd-11	2990	424	0.142	2482	363	0.146
23	Bd-12	2932	428	0.146	2431	351	0.144
24	Bd-13	2331	287	0.123	1935	251	0.130
25	Bd-14	2168	277	0.128	1799	240	0.134
26	Bd-15	2224	282	0.127	1845	237	0.129
27	Dd-16	2705	371	0.137	2246	326	0.145
28	Dd-17	2416	305	0.126	2004	255	0.128
29	Dd-18	2224	279	0.125	1846	242	0.131
30	Bd-19	2530	338	0.134	2099	284	0.135
31	Bd-20	2296	305	0.133	1907	274	0.144
32	Bd-21	2143	295	0.138	1779	256	0.144
33	Bd-22	2046	261	0.127	1698	225	0.133
34	Bd-23	1896	218	0.115	1573	189	0.120
35	Bd-24	1737	209	0.121	1441	182	0.126
36	Dd-1	1954	267	0.137	1621	226	0.139
37	Dd-2	1790	217	0.121	1487	196	0.132
38	Dd-3	1621	219	0.135	1346	191	0.142
39	Dd-4	1758	208	0.118	1459	179	0.123
40	Dd-5	1598	209	0.131	1326	178	0.134
41	Dd-6	1482	169	0.114	1230	146	0.119
42	Bd-7	2086	285	0.137	1731	246	0.142
43	Bd-8	1890	253	0.134	1568	216	0.138
44	Bd-9	1611	209	0.130	1335	171	0.128
45	Bd-10	1902	231	0.121	1579	203	0.129
46	Bd-11	1879	224	0.119	1560	196	0.126

TABLE 7.2. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
47 Bd-12		1737	220	0.127	1442	190	0.132
48 Bd-13		1226	149	0.121	1018	132	0.130
49 Bd-14		1135	150	0.132	942	122	0.130
50 Bd-15		1140	131	0.115	946	115	0.122
51 Bd-1		1332	177	0.133	1106	156	0.141
52 Bd-2		1317	211	0.160	1093	181	0.165
53 Bd-3		1127	148	0.131	935	126	0.135
54 Bd-4		1394	175	0.126	1156	147	0.127
55 Bd-5		1243	147	0.118	1032	126	0.122
56 Bd-6		1270	145	0.114	1054	124	0.118
57 Bd-7		1916	256	0.134	1589	210	0.132
58 Bd-8		1940	281	0.145	1611	243	0.151
59 Bd-9		1782	249	0.140	1479	216	0.146
60 Bd-10		1494	196	0.132	1240	167	0.135
61 Bd-11		1370	158	0.116	1136	131	0.115
62 Bd-12		1253	143	0.115	1040	125	0.120
63 Bd-13		1066	134	0.126	884	116	0.131
64 Bd-14		1065	131	0.123	884	114	0.129
65 Bd-15		900	123	0.137	746	104	0.139
66 Bd-16		1590	206	0.130	1320	179	0.136
67 Bd-17		1528	207	0.135	1269	183	0.144
68 Bd-18		1533	200	0.131	1271	169	0.133
69 Bd-19		1691	203	0.120	1403	172	0.122
70 Bd-20		1566	216	0.138	1301	193	0.148
71 Bd-21		1460	212	0.145	1212	184	0.152
72 Bd-1		1097	142	0.130	910	116	0.128
73 Bd-2		1013	140	0.138	840	117	0.139
74 Bd-3		994	140	0.140	825	120	0.145
75 Bd-4		1994	278	0.139	1656	242	0.146
76 Bd-5		1843	268	0.145	1528	215	0.141
77 Bd-6		1677	199	0.119	1392	170	0.122
78 Bd-7		1680	198	0.118	1393	165	0.118
79 Bd-8		1521	193	0.127	1261	162	0.128
80 BF-9		1282	159	0.124	1064	137	0.129
81 Bd-10		1188	184	0.155	985	155	0.158
82 Bd-11		1082	129	0.119	898	118	0.131
83 Bd-12		1091	137	0.126	906	121	0.133
84 Bd-13		1381	173	0.125	1146	146	0.127
85 Bd-14		1224	158	0.129	1016	136	0.134
86 Bd-15		1140	147	0.129	946	127	0.134
87 Bd-16		1168	115	0.099	970	103	0.106
88 Bd-17		1073	143	0.134	891	120	0.135
89 Bd-18		1013	139	0.137	841	117	0.139
90 Bd-19		988	133	0.135	819	109	0.133
91 Bd-20		896	101	0.112	744	90	0.120
92 Bd-21		836	116	0.139	694	102	0.148

TABLE 7.2. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
93 Fd-22		2249	295	0.131	1866	251	0.135
94 Fd-23		2010	249	0.124	1669	221	0.132
95 Fd-24		1768	220	0.125	1467	192	0.131
96 Fd-25		2095	277	0.132	1739	242	0.139
97 Fd-26		1863	334	0.179	1546	284	0.184
98 Fd-27		1844	334	0.181	1529	275	0.180
99 Fd-28		1596	268	0.168	1324	224	0.169
100 Fd-29		1426	234	0.164	1184	202	0.171
101 Fd-30		1455	248	0.170	1208	211	0.175
102 Fd-1		1917	346	0.181	1590	290	0.182
103 Fd-2		1784	289	0.162	1482	252	0.170
104 Fd-3		1614	271	0.168	1340	231	0.173
105 Dd-4		2197	388	0.177	1823	332	0.182
106 Dd-5		1900	350	0.184	1576	289	0.184
107 Dd-6		1770	312	0.176	1469	265	0.180
108 Dd-7		2389	377	0.158	1982	319	0.161
109 Dd-8		2221	344	0.155	1842	290	0.158
110 Dd-9		2202	399	0.181	1826	335	0.183
111 Dd-10		2384	410	0.172	1978	349	0.177
112 Dd-11		2177	349	0.161	1806	288	0.160
113 Dd-12		2165	380	0.175	1796	320	0.178
114 Dd-13		1705	307	0.180	1416	265	0.187
115 Dd-14		1559	273	0.175	1294	232	0.180
116 Dd-15		1415	241	0.170	1174	203	0.173
117 Dd-16		1560	268	0.172	1294	225	0.174
118 Dd-17		1425	279	0.196	1182	233	0.197
119 Dd-18		1341	249	0.186	1114	220	0.197
120 Fd-19		1422	233	0.164	1181	204	0.173
121 Fd-20		1256	228	0.181	1041	188	0.181
122 Fd-21		1339	224	0.167	1112	191	0.172
123 Fd-22		1367	212	0.155	1135	182	0.160
124 Fd-23		1273	223	0.175	1057	192	0.182
125 Fd-24		1267	189	0.149	1051	159	0.151
126 Fd-25		2147	373	0.174	1782	317	0.178
127 Fd-26		1986	317	0.159	1648	268	0.163
128 Fd-27		1595	263	0.165	1323	220	0.166
129 Fd-28		1448	256	0.177	1202	221	0.184
130 Fd-29		1409	166	0.118	1168	139	0.119
131 Bd-1		1836	209	0.114	1523	175	0.115
132 Bd-2		1677	190	0.113	1392	168	0.120
133 Bd-3		1664	214	0.129	1381	182	0.132
134 Bd-4		1663	222	0.134	1380	188	0.136
135 Bd-5		1615	212	0.131	1341	183	0.136
136 Bd-6		1506	215	0.143	1251	189	0.151
137 Bd-7		1489	171	0.115	1236	148	0.120
138 Bd-8		1370	175	0.128	1136	148	0.130

TABLE 7.2. (contd)

Cut	Cut ID	Contents			Released		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
139 Bd-9		1395	167	0.120	1158	147	0.127
140 Bd-10		1237	153	0.124	1027	137	0.133
141 Bd-11		1163	167	0.144	965	141	0.146
142 Bd-12		1031	111	0.108	856	99	0.115
143 Bd-13		1334	159	0.119	1107	137	0.124
144 Bd-14		1247	160	0.128	1035	142	0.137
145 Bd-15		1144	145	0.127	949	125	0.132
146 Bd-16		1402	176	0.125	1163	150	0.129
147 Bd-17		1431	167	0.117	1188	146	0.123
148 Bd-18		1333	177	0.132	1106	151	0.136
149 Bd-19		1374	171	0.125	1141	154	0.135
150 Bd-20		1290	178	0.138	1071	157	0.147
151 Bd-21		1165	152	0.130	967	133	0.138
152 Bd-22		1103	134	0.122	914	110	0.120
153 Bd-23		982	130	0.133	814	106	0.130
154 Bd-24		1007	132	0.131	836	112	0.134
155 Bd-25		986	130	0.132	818	112	0.137
156 Bd-26		902	118	0.131	748	97	0.130
157 Bd-27		880	110	0.125	731	97	0.133
158 Bd-28		948	124	0.131	787	106	0.134
159 Bd-29		841	101	0.120	699	90	0.129
160 Bd-30		798	109	0.136	662	91	0.138
161 Dd-31		697	93	0.133	579	80	0.139
162 Dd-32		645	79	0.122	535	66	0.123
163 Dd-33		590	75	0.127	490	62	0.127
164 Dd-34		609	79	0.130	505	69	0.136
165 Dd-35		603	76	0.126	500	66	0.131
166 Dd-36		562	72	0.129	466	61	0.132
167 Dd-37		542	71	0.131	450	61	0.135
168 Dd-38		494	66	0.134	410	55	0.133
169 Dd-39		464	70	0.151	385	59	0.154
170 Dd-40		468	59	0.125	389	51	0.130
171 Dd-41		423	55	0.129	351	45	0.129
172 Dd-42		434	60	0.139	360	51	0.143
173 Dd-43		436	59	0.135	362	51	0.142
174 Dd-44		406	61	0.150	337	52	0.156
175 Dd-45		404	56	0.139	335	49	0.146
176 Bd-46		533	72	0.134	442	61	0.137
177 Bd-47		489	63	0.129	405	53	0.132
178 Bd-48		450	56	0.125	374	51	0.136
179 Bd-49		528	77	0.145	438	65	0.148
180 Bd-50		478	57	0.120	396	48	0.121
181 Bd-51		432	61	0.141	359	54	0.150
182 Bd-52		437	56	0.129	363	50	0.139
183 Bd-53		393	55	0.139	326	49	0.152
184 Bd-54		362	53	0.147	300	45	0.151

TABLE 7.2. (contd)

Cut	Cut ID	Contents			Released		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
185 Bd-55		369	43	0.116	306	36	0.118
186 Bd-56		336	41	0.121	278	35	0.126
187 Bd-57		309	44	0.142	257	38	0.147
188 Dd-1		454	58	0.128	376	50	0.134
189 Dd-2		378	54	0.144	313	46	0.147
190 Dd-3		354	42	0.119	294	37	0.125
191 Dd-4		548	74	0.135	455	65	0.142
192 Dd-5		492	61	0.125	408	54	0.132
193 Dd-6		460	58	0.127	382	51	0.133
194 Dd-7		550	70	0.128	457	63	0.138
195 Dd-8		472	63	0.134	392	55	0.142
196 Dd-9		427	51	0.119	354	44	0.124
197 Dd-10		432	60	0.138	358	51	0.142
198 Dd-11		388	54	0.139	322	48	0.147
199 Dd-12		365	49	0.133	303	41	0.137
200 Dd-13		394	51	0.128	327	44	0.134
201 Dd-14		330	38	0.115	274	34	0.122
202 Dd-15		303	41	0.137	252	37	0.148
203 Dd-16		486	65	0.134	403	57	0.141
204 Dd-17		458	62	0.136	380	53	0.140
205 Dd-18		410	49	0.120	340	43	0.125
206 Dd-19		748	104	0.139	620	84	0.136
207 Dd-20		680	86	0.126	564	69	0.123
208 Dd-21		617	82	0.133	512	69	0.136
209 Dd-22		788	104	0.133	654	92	0.141
210 Dd-23		659	92	0.140	547	77	0.140
211 Dd-24		625	83	0.133	519	73	0.141
212 Dd-25		616	81	0.132	511	68	0.132
213 Dd-26		557	71	0.127	463	60	0.130
214 Dd-27		471	55	0.117	391	50	0.127
215 Dd-28		622	83	0.133	516	69	0.133
216 Dd-29		569	68	0.119	472	59	0.125
217 Dd-30		519	65	0.126	431	54	0.126
218 Dd-31		665	82	0.124	552	72	0.130
219 Dd-32		612	78	0.127	508	68	0.134
220 Dd-33		562	74	0.132	466	63	0.135
221 Dd-34		695	88	0.126	577	74	0.128
222 Dd-35		630	77	0.123	523	68	0.130
223 Dd-36		585	73	0.126	486	64	0.132
224 Dd-37		699	102	0.146	580	87	0.150
225 Dd-38		645	82	0.127	535	71	0.132
226 Dd-39		651	84	0.129	540	70	0.130
227 Dd-40		705	101	0.143	585	87	0.148
228 Dd-41		702	88	0.125	582	76	0.130
229 Dd-42		591	83	0.140	491	74	0.151
230 Dd-43		809	115	0.143	671	99	0.147

TABLE 7.2. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
231 Dd-44		739	93	0.126	613	79	0.129
232 Dd-45		676	81	0.120	561	69	0.123
233 Dd-1		1312	161	0.123	1089	139	0.127
234 Dd-2		1214	153	0.126	1008	135	0.134
235 Dd-3		1128	153	0.136	936	131	0.140
236 Dd-4		1492	191	0.128	1238	165	0.133
237 Dd-5		1345	200	0.149	1117	174	0.156
238 Dd-6		1250	178	0.143	1037	148	0.143
239 Fd-7		1662	224	0.135	1379	187	0.136
240 Fd-8		1501	193	0.128	1245	163	0.131
241 Fd-9		1368	153	0.112	1135	127	0.112
242 Fd-10		1724	222	0.129	1431	196	0.137
243 Fd-11		1474	192	0.130	1222	159	0.130
244 Fd-12		1117	160	0.143	927	132	0.143
245 Fd-13		1479	192	0.130	1228	169	0.137
246 Fd-14		1043	134	0.128	865	115	0.133
247 Fd-15		965	135	0.140	802	120	0.150
248 Fd-16		1052	136	0.129	874	120	0.138
249 Fd-17		967	125	0.130	803	109	0.135
250 Fd-18		889	113	0.127	739	100	0.136
251 Dd-19		1847	275	0.149	1533	236	0.154
252 Dd-20		1733	242	0.139	1439	208	0.145
253 Dd-21		1542	207	0.134	1279	176	0.137
254 Dd-22		2170	236	0.109	1802	211	0.117
255 Dd-23		1674	219	0.131	1389	187	0.134
256 Dd-24		1553	206	0.133	1290	181	0.140
257 Bd-25		1291	154	0.119	1071	132	0.124
258 Bd-26		1173	152	0.129	974	137	0.141
259 Bd-27		1163	145	0.124	965	121	0.126
260 Bd-28		1074	138	0.129	892	123	0.138
261 Bd-29		966	141	0.146	802	118	0.147
262 Bd-30		813	97	0.119	674	83	0.124
263 Bd-31		1079	136	0.126	896	122	0.136
264 Bd-32		979	126	0.129	812	108	0.133
265 Bd-33		866	109	0.126	719	93	0.130
266 Bd-34		995	117	0.117	825	95	0.116
267 Bd-35		934	131	0.140	775	111	0.143
268 Bd-36		840	109	0.130	697	92	0.132
269 Dd-37		755	102	0.135	627	89	0.143
270 Dd-38		586	77	0.132	486	65	0.134
271 Dd-39		495	61	0.124	411	56	0.136
272 Dd-40		463	58	0.125	384	49	0.128
273 Dd-41		423	50	0.119	351	43	0.123
274 Dd-42		434	52	0.121	360	45	0.126
275 Dd-1		426	60	0.142	353	50	0.142
276 Dd-2		397	56	0.141	329	48	0.146

TABLE 7.2. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
277	Dd-3	362	42	0.116	300	36	0.121
278	Dd-4	318	38	0.121	264	33	0.124
279	Dd-5	298	42	0.140	248	35	0.142
280	Dd-6	271	36	0.133	225	32	0.141
281	Fd-7	325	40	0.125	269	33	0.123
282	Fd-8	305	48	0.158	253	40	0.159
283	Fd-9	279	35	0.125	231	30	0.131
284	Fd-10	320	45	0.139	266	38	0.143
285	Fd-11	301	41	0.137	250	35	0.140
286	Fd-12	278	34	0.124	230	30	0.129
287	Fd-13	307	42	0.136	255	36	0.140
288	Fd-14	274	38	0.140	227	32	0.143
289	Fd-15	252	29	0.115	209	25	0.122
290	Fd-16	268	34	0.126	223	28	0.128
291	Fd-17	243	31	0.127	202	26	0.131
292	Fd-18	221	29	0.132	183	24	0.130
293	Fd-19	221	32	0.146	184	28	0.150
294	Fd-20	224	31	0.136	186	27	0.144
295	Fd-21	206	26	0.124	171	22	0.128
296	Fd-22	154	21	0.133	128	17	0.132
297	Fd-23	156	23	0.148	130	20	0.155
298	Fd-24	157	21	0.137	130	18	0.141
299	Fd-25	223	31	0.139	185	27	0.147
300	Fd-26	207	28	0.134	172	24	0.142
301	Fd-27	209	28	0.132	174	23	0.132
302	Bd-28	224	32	0.143	186	28	0.150
303	Bd-29	202	28	0.138	167	24	0.145
304	Bd-30	204	27	0.134	169	23	0.135
305	Bd-1	121	14	0.119	100	13	0.128
306	Bd-2	111	15	0.131	92	13	0.141
307	Bd-3	111	15	0.136	92	13	0.142
308	Bd-4	112	15	0.134	93	13	0.137
309	Bd-5	102	12	0.121	85	11	0.125
310	Bd-6	101	14	0.136	84	12	0.138
311	Dd-7	132	15	0.116	109	14	0.123
312	Dd-8	121	17	0.141	101	14	0.140
313	Dd-9	110	14	0.128	91	13	0.140
314	Dd-10	130	15	0.117	108	14	0.130
315	Dd-11	117	15	0.124	97	12	0.125
316	Dd-12	107	13	0.124	89	11	0.127
317	Dd-13	110	15	0.134	91	13	0.138
318	Dd-14	99	13	0.127	82	11	0.130
319	Dd-15	93	13	0.137	77	11	0.140
320	Dd-16	95	12	0.123	79	10	0.133
321	Dd-17	86	11	0.134	71	10	0.137
322	Dd-18	84	10	0.114	70	9	0.124

TABLE 7.2. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
323 Dd-19		84	12	0.138	69	10	0.141
324 Dd-20		78	9	0.119	65	8	0.123
325 Dd-21		69	9	0.127	58	8	0.133
326 Dd-22		109	15	0.133	91	13	0.139
327 Dd-23		98	12	0.126	81	11	0.134
328 Dd-24		100	11	0.115	83	10	0.120
329 Dd-25		101	14	0.135	84	12	0.145
330 Dd-26		94	13	0.140	78	11	0.142
331 Dd-27		94	14	0.149	78	12	0.157
332 Dd-28		141	17	0.120	117	14	0.121
333 Dd-29		127	17	0.131	106	14	0.134
334 Fd-30		190	26	0.136	158	21	0.136
335 Fd-31		178	25	0.141	148	22	0.151
336 Fd-32		176	26	0.146	146	22	0.152
337 Fd-33		213	25	0.120	176	22	0.123
338 Fd-34		193	27	0.142	160	23	0.144
339 Fd-35		178	23	0.131	148	21	0.139
340 Fd-36		174	24	0.138	144	21	0.142
341 Fd-37		190	25	0.132	158	22	0.139
342 Fd-38		162	18	0.113	134	17	0.123
343 Dd-39		182	24	0.129	151	20	0.129
344 Dd-40		166	24	0.143	138	20	0.142
345 Dd-41		166	24	0.144	138	21	0.149
346 Dd-42		160	22	0.138	132	19	0.145
347 Dd-43		147	21	0.143	122	19	0.152
348 Dd-44		138	18	0.133	115	16	0.138
349 Dd-1		106	13	0.123	88	11	0.129
350 Dd-2		97	14	0.147	81	12	0.153
351 Dd-3		96	13	0.134	80	11	0.141
352 Bd-4		105	14	0.132	87	12	0.136
353 Bd-5		96	10	0.104	80	9	0.108
354 Bd-6		97	12	0.127	81	11	0.136
355 Bd-7		93	12	0.129	77	10	0.130
356 Bd-8		87	10	0.120	72	9	0.126
357 Bd-9		86	12	0.134	72	9	0.126
358 Bd-10		73	9	0.125	60	8	0.129
359 Bd-11		68	8	0.115	56	7	0.123
360 Bd-12		68	8	0.113	56	6	0.114
361 Dd-13		195	25	0.129	162	21	0.132
362 Dd-14		176	24	0.139	146	20	0.139
363 DD015		176	25	0.145	146	22	0.153
364 Dd-16		239	29	0.123	199	26	0.129
365 Dd-17		215	27	0.125	178	23	0.129
366 Dd-18		202	27	0.134	167	24	0.141
367 Dd-19		203	27	0.131	169	23	0.135
368 Dd-20		181	28	0.154	150	25	0.164

TABLE 7.2. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
369 Dd-21		184	25	0.134	153	21	0.139
370 Dd-22		171	24	0.138	142	20	0.141
371 Dd-23		167	21	0.126	139	17	0.125
372 Dd-24		170	19	0.114	141	17	0.117
373 Dd-25		153	20	0.128	127	17	0.132
374 Dd-26		139	18	0.129	115	15	0.135
375 Dd-27		142	17	0.118	118	15	0.129
376 Fd-28		139	20	0.143	115	17	0.150
377 Fd-29		128	16	0.128	107	15	0.137
378 Fd-30		118	16	0.135	98	13	0.138
379 Fd-31		115	15	0.127	96	13	0.134
380 Fd-32		107	13	0.124	89	11	0.127
381 Fd-33		100	14	0.144	83	12	0.145
382 Fd-34		107	15	0.141	89	13	0.148
383 Fd-35		98	13	0.128	82	11	0.133
384 Fd-36		90	13	0.142	75	11	0.145
385 Fd-37		90	12	0.130	75	10	0.135
386 Fd-38		82	10	0.122	68	8	0.123
387 Fd-39		74	10	0.134	62	8	0.134
388 Bd-40		213	28	0.131	177	24	0.137
389 Bd-41		193	22	0.115	160	19	0.116
390 Bd-42		180	24	0.134	149	21	0.141
391 Bd-43		221	25	0.115	183	22	0.118
392 Bd-44		204	25	0.125	169	22	0.129
393 Bd-45		206	24	0.119	171	22	0.129
394 Bd-46		214	26	0.124	177	22	0.125
395 Bd-47		190	27	0.140	157	24	0.152
396 Bd-48		177	23	0.129	147	21	0.143
397 Bd-1		175	20	0.116	145	18	0.123
398 Bd-2		160	20	0.123	133	16	0.118
399 Bd-3		145	17	0.119	120	15	0.121
400 Dd-4		259	35	0.135	215	30	0.138
401 Dd-5		243	35	0.142	202	30	0.149
402 Dd-6		238	34	0.142	198	29	0.147
403 Dd-7		307	44	0.144	255	38	0.147
404 Dd-8		274	36	0.131	228	30	0.132
405 Dd-9		257	36	0.139	213	31	0.144
406 Dd-10		264	34	0.127	219	30	0.139
407 Dd-11		238	29	0.123	197	25	0.125
408 Dd-12		238	26	0.110	198	23	0.117
409 Dd-13		230	29	0.125	191	24	0.126
410 Dd-14		211	25	0.118	175	21	0.117
411 Dd-15		200	24	0.122	166	22	0.130
412 Bd-16		204	25	0.123	169	22	0.127
413 Bd-17		187	23	0.125	155	21	0.134
414 Bd-18		168	23	0.139	140	20	0.143

TABLE 7.2. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
415 Bd-19		174	19	0.109	145	17	0.119
416 Bd-20		162	21	0.132	134	19	0.142
417 Bd-21		160	20	0.125	133	17	0.132
418 Dd-22		149	18	0.119	124	15	0.123
419 Dd-23		135	16	0.120	112	14	0.123
420 Dd-24		126	16	0.123	105	14	0.131
421 Bd-25		102	12	0.119	85	10	0.122
422 Bd-26		94	12	0.124	78	10	0.128
423 Bd-27		94	12	0.132	78	10	0.135
424 Bd-28		63	8	0.121	53	7	0.131
425 Bd-29		62	8	0.132	52	7	0.140
426 Bd-30		57	7	0.121	47	6	0.130
427 Fd-31		225	32	0.141	187	27	0.144
428 Fd-32		208	33	0.157	173	28	0.161
429 Fd-33		185	24	0.131	153	21	0.139
430 Fd-34		264	32	0.120	219	26	0.119
431 Fd-35		239	28	0.117	198	24	0.121
432 Fd-36		243	28	0.114	202	26	0.127
433 Fd-37		219	26	0.119	182	23	0.127
434 Fd-38		222	29	0.130	184	26	0.141
435 Fd-39		202	25	0.125	168	22	0.133
436 Fd-1		207	27	0.131	172	23	0.133
437 Fd-2		190	26	0.136	157	22	0.138
438 Fd-3		190	28	0.147	157	23	0.148
439 Fd-4		172	21	0.123	143	18	0.126
440 Fd-5		157	19	0.123	130	17	0.129
441 Fd-6		158	22	0.142	131	19	0.149
442 Bd-7		144	16	0.110	119	13	0.111
443 Bd-8		131	14	0.106	109	12	0.114
444 Bd-9		132	18	0.134	110	15	0.134
445 Bd-10		112	14	0.127	93	12	0.128
446 Bd-11		113	15	0.132	94	13	0.141
447 Bd-12		104	13	0.125	86	11	0.130
448 Bd-13		104	14	0.133	87	12	0.144
449 Bd-14		94	12	0.125	78	10	0.133
450 Bd-15		95	12	0.128	79	11	0.139
451 Bd-16		95	13	0.138	79	12	0.147
452 Bd-17		87	11	0.127	73	10	0.135
453 Bd-18		80	10	0.128	66	9	0.133
454 Fd-19		279	39	0.139	231	33	0.144
455 Fd-20		250	33	0.134	207	29	0.138
456 Fd-21		251	33	0.131	208	29	0.140
457 Fd-22		315	45	0.142	261	37	0.143
458 Fd-23		294	42	0.143	244	38	0.154
459 Fd-24		270	34	0.127	224	30	0.134
460 Fd-25		270	36	0.134	224	31	0.139

TABLE 7.2. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
461 Fd-26		244	27	0.112	203	23	0.116
462 Fd-27		224	28	0.126	186	25	0.134
463 Fd-28		242	30	0.123	201	26	0.128
464 Fd-29		223	25	0.111	185	22	0.120
465 Fd-30		207	29	0.140	172	25	0.147
466 Fd-31		208	23	0.109	173	19	0.111
467 Fd-32		192	23	0.120	159	20	0.126
468 Fd-33		189	23	0.123	157	20	0.128
469 Dd-34		225	32	0.144	187	28	0.153
470 Dd-35		208	27	0.131	172	23	0.136
471 Dd-36		191	27	0.141	158	23	0.145
472 Dd-37		217	25	0.117	180	22	0.121
473 Dd-38		202	25	0.125	167	21	0.126
474 Dd-39		185	23	0.123	154	20	0.132
475 Dd-40		190	24	0.126	158	21	0.135
476 Dd-41		169	22	0.128	141	19	0.137
477 Dd-42		172	24	0.137	143	21	0.145
478 Dd-43		155	20	0.128	129	16	0.121
479 Dd-44		158	20	0.124	131	17	0.129
480 Dd-45		145	20	0.135	120	16	0.136
481 Dd-46		144	19	0.133	119	17	0.139
482 Dd-47		133	15	0.112	110	13	0.114
483 Dd-48		133	18	0.134	110	16	0.145
484 Fd-49		149	22	0.150	124	19	0.156
485 Fd-50		153	19	0.125	127	17	0.132
486 Fd-51		136	16	0.118	113	13	0.118
487 Fd-52		154	21	0.139	127	18	0.142
488 Fd-53		158	20	0.127	131	17	0.130
489 Fd-54		141	19	0.132	117	16	0.137
490 Fd-1		132	17	0.127	109	15	0.138
491 Fd-2		120	16	0.135	100	13	0.134
492 Fd-3		117	15	0.129	97	13	0.134
493 Dd-4		163	24	0.147	135	20	0.149
494 Dd-5		146	21	0.146	121	18	0.150
495 Dd-6		150	21	0.141	124	18	0.147
496 Dd-7		156	23	0.148	130	20	0.151
497 Dd-8		144	20	0.142	120	18	0.152
498 Dd-9		144	19	0.136	119	16	0.137
499 Dd-10		131	15	0.118	109	14	0.129
500 Dd-11		122	15	0.124	102	13	0.128
501 Dd-12		111	15	0.136	93	13	0.141
502 Fd-13		145	20	0.136	121	16	0.136
503 Fd-14		136	19	0.141	113	16	0.142
504 Fd-15		125	16	0.125	104	13	0.123
505 Fd-16		139	19	0.137	116	17	0.147
506 Fd-17		126	17	0.138	105	15	0.143

TABLE 7.2. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
507 Fd-18		120	17	0.140	99	15	0.147
508 Fd-19		117	16	0.134	97	13	0.134
509 Fd-20		107	13	0.121	89	12	0.130
510 Fd-21		98	12	0.125	82	10	0.126
511 Dd-22		133	18	0.138	110	16	0.149
512 Dd-23		134	19	0.142	111	16	0.146
513 Dd-24		122	17	0.136	101	15	0.147
514 Dd-25		129	18	0.141	107	16	0.146
515 Dd-26		131	18	0.140	109	15	0.139
516 Dd-27		121	17	0.139	100	13	0.134
517 Dd-28		109	16	0.144	91	14	0.150
518 Dd-29		109	15	0.136	91	13	0.146
519 Dd-30		100	15	0.145	83	12	0.148
520 Fd-31		88	11	0.129	73	10	0.134
521 Fd-32		80	10	0.131	66	9	0.135
522 Fd-33		81	11	0.131	67	9	0.136
523 Fd-34		70	10	0.146	58	9	0.147
524 Fd-35		65	9	0.139	54	8	0.140
525 Fd-36		64	10	0.154	53	8	0.157
526 Fd-37		59	9	0.151	49	8	0.154
527 Fd-38		55	8	0.141	45	6	0.141
528 Fd-39		56	8	0.147	47	7	0.148
529 Dd-40		116	16	0.136	96	14	0.143
530 Dd-41		104	15	0.145	86	13	0.152
531 Dd-42		97	14	0.147	80	12	0.147
532 Dd-1		114	16	0.145	95	14	0.151
533 Dd-2		101	15	0.144	84	13	0.151
534 Dd-3		101	15	0.145	84	13	0.151
535 Dd-4		94	14	0.147	78	12	0.155
536 Dd-5		88	12	0.133	73	10	0.136
537 Dd-6		87	14	0.166	72	13	0.173
538 Dd-7		118	15	0.129	98	13	0.136
539 Dd-8		107	13	0.124	89	12	0.131
540 Dd-9		109	15	0.136	91	12	0.135
541 Dd-10		120	18	0.147	100	15	0.149
542 Dd-11		109	17	0.152	91	14	0.160
543 Dd-12		110	16	0.149	92	14	0.155
544 Dd-13		165	21	0.129	137	18	0.128
545 Dd-14		150	21	0.140	124	18	0.148
546 Dd-15		136	17	0.123	113	15	0.131
547 Dd-16		168	23	0.138	139	20	0.143
548 Dd-17		151	21	0.137	125	18	0.145
549 Dd-18		138	17	0.121	115	15	0.131
550 Dd-19		129	16	0.127	107	14	0.132
551 Dd-20		127	18	0.140	105	16	0.148
552 Dd-21		119	16	0.138	98	14	0.145

TABLE 7.2. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
553 Dd-22		155	20	0.126	129	17	0.132
554 Dd-23		144	21	0.145	120	17	0.145
555 Dd-24		130	17	0.129	108	14	0.131
556 Dd-25		149	22	0.146	124	18	0.145
557 Dd-26		137	21	0.151	114	17	0.150
558 Dd-27		124	15	0.122	103	13	0.126
559 Fd-28		119	16	0.137	99	14	0.146
560 Fd-29		109	14	0.131	90	12	0.137
561 Fd-30		98	13	0.136	81	11	0.136
562 Fd-31		87	10	0.116	72	9	0.123
563 Fd-32		85	11	0.129	70	9	0.135
564 Fd-33		80	11	0.132	66	9	0.135
565 Dd-34		123	20	0.164	102	17	0.171
566 Dd-35		123	19	0.152	102	16	0.161
567 Dd-36		108	16	0.148	90	14	0.151
568 Dd-37		121	15	0.127	101	13	0.130
569 Dd-38		122	17	0.136	101	14	0.140
570 Dd-39		112	17	0.153	93	14	0.153
571 Dd-40		123	16	0.126	102	14	0.137
572 Dd-41		125	15	0.123	104	13	0.130
573 Dd-42		112	16	0.139	93	14	0.146
574 Dd-43		133	18	0.138	110	15	0.132
575 Dd-44		120	17	0.138	99	13	0.136
576 Dd-45		109	16	0.151	91	14	0.155
577 Dd-46		118	16	0.140	98	14	0.142
578 Dd-47		109	14	0.130	91	13	0.139
579 Dd-48		109	14	0.132	91	13	0.141
580 Fd-49		98	12	0.122	81	11	0.131
581 Fd-50		99	14	0.140	82	12	0.143
582 Fd-51		91	12	0.136	76	11	0.141
583 Fd-1		89	12	0.139	74	11	0.144
584 Fd-2		83	10	0.125	69	9	0.132
585 Fd-3		83	12	0.147	69	11	0.154
586 Fd-4		77	11	0.141	64	9	0.146
587 Fd-5		77	9	0.122	64	8	0.131
588 Fd-6		70	11	0.159	58	10	0.164
589 Dd-7		170	25	0.149	142	22	0.158
590 Dd-8		152	20	0.131	126	17	0.135
591 Dd-9		155	20	0.129	129	17	0.136
592 Dd-10		185	26	0.139	153	21	0.137
593 Dd-11		184	27	0.147	153	22	0.146
594 Dd-12		168	22	0.130	140	18	0.132
595 Dd-13		196	26	0.131	163	23	0.140
596 Dd-14		180	23	0.128	149	20	0.132
597 Dd-15		167	24	0.141	139	21	0.150
598 Dd-16		181	24	0.132	150	20	0.133

TABLE 7.2. (contd)

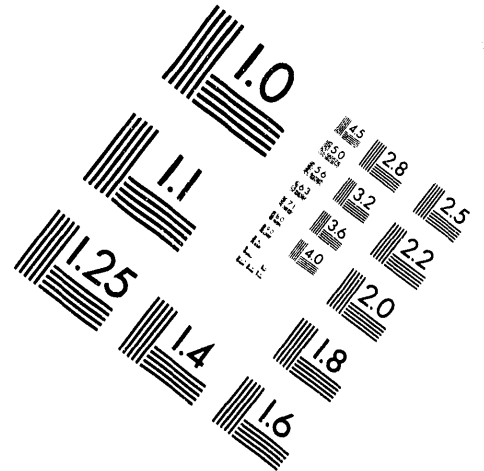
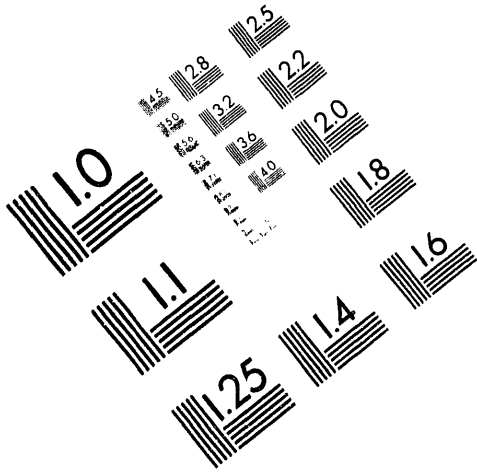
Cut	Cut ID	-----Contents-----			-----Released-----		
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599 Dd-17		162	24	0.146	135	20	0.151
600 Dd-18		167	21	0.128	138	18	0.130
601 Fd-19		134	18	0.136	111	15	0.135
602 Fd-20		136	21	0.151	113	17	0.153
603 Fd-21		123	17	0.134	102	14	0.138
604 Fd-22		119	17	0.142	99	14	0.143
605 Fd-23		108	16	0.149	90	14	0.152
606 Fd-24		106	15	0.140	88	13	0.142
607 Dd-25		172	26	0.151	143	21	0.148
608 Dd-26		177	26	0.145	147	22	0.148
609 Dd-27		162	22	0.137	134	19	0.143
610 Dd-28		198	31	0.156	164	27	0.162
611 Dd-29		179	28	0.157	148	24	0.163
612 Dd-30		179	23	0.130	149	20	0.135
613 Fd-31		162	36	0.224	135	31	0.230
614 Fd-32		159	33	0.210	132	29	0.216
615 Fd-33		148	31	0.208	123	26	0.209
616 Dd-34		280	45	0.162	232	37	0.160
617 Dd-35		256	37	0.143	213	33	0.154
618 Dd-36		260	40	0.153	216	34	0.157
619 Dd37		351	69	0.195	292	58	0.198
620 Dd38		352	69	0.195	292	57	0.194
621 Dd39		318	58	0.183	264	48	0.180
622 Fd40		257	43	0.168	214	37	0.175
623 Fd41		265	47	0.177	220	39	0.177
624 Fd42		227	47	0.208	188	39	0.208
625 Dd43		292	57	0.194	242	49	0.200
626 Dd44		290	54	0.184	241	44	0.184
627 Dd45		273	54	0.199	227	46	0.204
628 Dd46		255	46	0.180	211	37	0.173
629 Dd47		262	47	0.179	218	39	0.177
630 Dd48		239	45	0.188	199	39	0.196
631 Dd49		220	43	0.195	182	36	0.200
632 Dd50		223	43	0.194	185	36	0.194
633 Dd51		203	38	0.189	169	32	0.191
634 Dd52		257	46	0.180	214	39	0.183
635 Dd53		242	47	0.192	201	40	0.198
636 Dd54		237	50	0.212	197	42	0.216
637 Dd 1		251	45	0.180	208	38	0.181
638 Dd 2		257	49	0.192	214	42	0.195
639 Dd 3		234	44	0.187	194	38	0.194
640 Dd 4		196	39	0.200	162	33	0.204
641 Dd 5		202	41	0.202	168	34	0.205
642 Dd 6		188	38	0.201	156	31	0.198
643 Fd 7		244	46	0.190	202	39	0.192
644 Fd 8		256	51	0.200	213	44	0.208



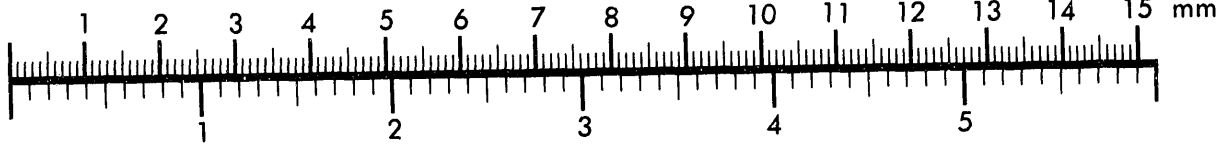
AIM

Association for Information and Image Management

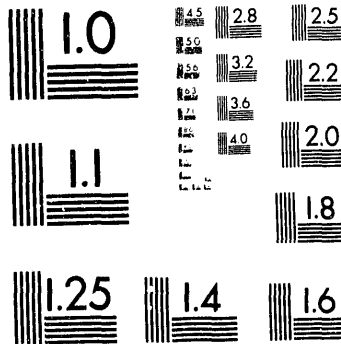
1100 Wayne Avenue, Suite 1100
Silver Spring, Maryland 20910
301/587-8202



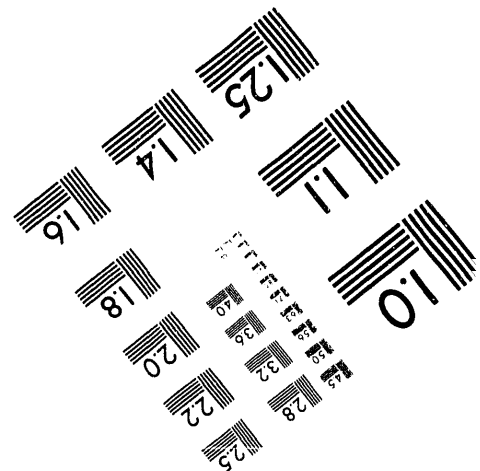
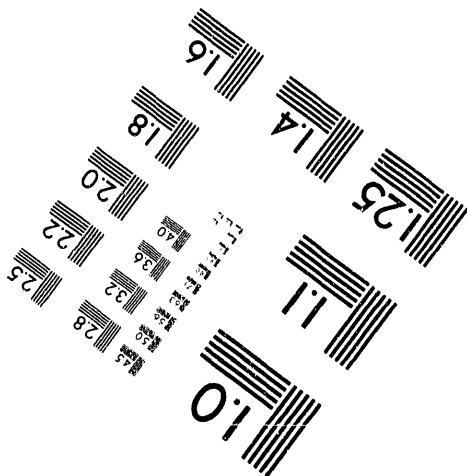
Centimeter



Inches



MANUFACTURED TO AIM STANDARDS
BY APPLIED IMAGE, INC.



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TABLE 7.2. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
645 Fd 9		224	44	0.197	186	38	0.205
646 Fd10		197	41	0.206	163	34	0.206
647 Fd11		199	42	0.209	165	35	0.210
648 Fd12		177	33	0.186	147	27	0.187
649 Dd13		238	47	0.198	198	41	0.206
650 Dd14		240	46	0.192	199	40	0.199
651 Dd15		218	42	0.192	181	35	0.192
652 Dd16		230	42	0.183	191	35	0.185
653 Dd17		228	46	0.203	189	39	0.205
654 Dd18		207	38	0.182	172	31	0.181
655 Fd19		222	44	0.196	185	37	0.198
656 Fd20		217	39	0.179	180	32	0.178
657 Fd21		196	41	0.209	163	34	0.211
658 Fd22		185	42	0.227	154	35	0.227
659 Fd23		186	43	0.230	155	37	0.241
660 Fd24		166	31	0.190	138	27	0.194
661 Dd25		301	60	0.198	250	50	0.201
662 Dd26		301	55	0.182	250	47	0.189
663 Dd27		268	54	0.203	222	44	0.200
664 Dd28		149	30	0.198	124	25	0.201
665 Dd29		154	26	0.168	128	22	0.171
666 Dd30		142	25	0.175	118	21	0.177
667 Dd31		131	27	0.209	109	23	0.211
668 Dd32		131	27	0.209	109	23	0.214
669 Dd33		119	23	0.191	99	20	0.199
670 Dd 1		116	24	0.204	96	20	0.203
671 Dd 2		114	23	0.203	95	20	0.210
672 Dd 3		102	19	0.185	85	16	0.189
673 Fd 4		105	18	0.173	87	16	0.179
674 Fd 5		101	22	0.214	84	18	0.220
675 Fd 6		94	18	0.190	78	15	0.192
676 Fd 7		97	20	0.203	81	16	0.203
677 Fd 8		96	18	0.193	79	15	0.194
678 Fd 9		86	15	0.173	72	12	0.171
679 Fd10		83	14	0.165	69	12	0.169
680 Fd11		84	17	0.202	70	14	0.207
681 Fd12		75	15	0.193	62	12	0.190
682 Fd13		68	12	0.181	57	11	0.190
683 Fd14		69	13	0.190	57	11	0.188
684 Fd15		67	12	0.182	55	10	0.187
685 Dd16		166	33	0.202	138	29	0.209
686 Dd17		169	31	0.186	140	26	0.186
687 Dd18		156	33	0.209	130	29	0.219
688 Dd19		193	42	0.215	161	36	0.223
689 Dd20		191	33	0.173	159	28	0.178
690 Dd21		173	35	0.203	144	30	0.209

TABLE 7.2. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
691 Dd22		170	35	0.205	141	30	0.210
692 Dd23		175	34	0.193	145	29	0.199
693 Dd24		161	37	0.230	134	31	0.236
694 Dd25		163	34	0.209	135	29	0.215
695 Dd26		159	33	0.205	132	27	0.208
696 Dd27		144	29	0.202	119	24	0.204
697 Fd28		131	24	0.180	109	20	0.184
698 Fd29		126	25	0.198	105	21	0.202
699 Fd30		122	22	0.177	101	19	0.187
700 Fd31		89	16	0.181	74	14	0.183
701 Fd32		86	16	0.187	72	13	0.182
702 Fd33		79	16	0.197	66	13	0.202
703 Fd34		75	14	0.192	62	12	0.197
704 Fd35		73	15	0.204	60	13	0.210
705 Fd36		66	12	0.180	55	10	0.188
706 Fd37		43	9	0.206	35	7	0.208
707 Fd38		43	9	0.202	36	7	0.209
708 Fd39		40	8	0.202	34	7	0.204
709 Fd40		46	10	0.218	38	8	0.217
710 Fd41		48	10	0.204	39	8	0.206
711 Fd42		43	10	0.224	36	8	0.229
712 Fd43		47	12	0.252	39	10	0.252
713 Fd44		44	10	0.226	37	8	0.227
714 Fd45		40	10	0.236	33	8	0.245
715 Dd46		89	16	0.181	74	14	0.183
716 Dd47		89	18	0.203	74	15	0.203
717 Dd48		82	17	0.207	68	14	0.207
718 Dd 1		104	22	0.208	86	18	0.212
719 Dd 2		106	21	0.203	88	18	0.206
720 Dd 3		94	19	0.204	78	16	0.209
721 Dd 4		90	19	0.205	75	16	0.208
722 Dd 5		84	18	0.208	70	15	0.209
723 Dd 6		80	18	0.221	67	15	0.222
724 Dd 7		81	16	0.195	67	13	0.199
725 Dd 8		85	18	0.216	71	15	0.214
726 Dd 9		76	15	0.201	63	13	0.200
727 Fd10		73	15	0.200	61	12	0.202
728 Fd11		71	14	0.196	59	12	0.200
729 Fd12		65	12	0.183	54	10	0.194
730 Fd13		69	12	0.176	58	10	0.180
731 Fd14		70	14	0.206	58	12	0.208
732 Fd15		64	14	0.219	53	12	0.221
733 Fd16		59	11	0.189	49	9	0.192
734 Fd17		58	10	0.172	48	8	0.173
735 Fd18		54	11	0.211	44	9	0.205
736 Dd19		126	23	0.184	105	20	0.193

TABLE 7.2. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
737 Dd20		127	24	0.187	106	20	0.193
738 Dd21		114	22	0.196	95	20	0.207
739 Fd22		107	21	0.193	89	18	0.197
740 Fd23		103	19	0.188	86	16	0.187
741 Fd24		99	17	0.172	82	14	0.174
742 Fd25		64	13	0.204	54	11	0.209
743 Fd26		65	13	0.198	54	11	0.204
744 Fd27		60	12	0.198	49	10	0.202
745 Dd28		143	29	0.206	119	25	0.212
746 Dd29		146	28	0.189	121	24	0.196
747 Dd30		131	22	0.169	108	19	0.173
748 Dd31		137	28	0.208	114	24	0.213
749 Dd32		132	24	0.181	110	20	0.182
750 Dd33		120	22	0.184	100	18	0.181
751 Dd34		120	28	0.232	100	24	0.237
752 Dd35		143	27	0.190	118	24	0.200
753 Dd36		146	30	0.205	121	25	0.205
754 Dd37		135	27	0.197	112	22	0.198
755 Fd 1		167	31	0.184	138	26	0.190
756 Fd 2		164	28	0.169	136	23	0.170
757 Fd 3		159	30	0.191	132	26	0.196
758 Fd 4		158	31	0.199	131	26	0.202
759 Fd 5		156	28	0.182	130	23	0.176
760 Fd 6		145	29	0.198	121	25	0.205
761 Fd 7		130	23	0.179	108	19	0.179
762 Fd 8		130	27	0.209	108	23	0.209
763 Fd 9		121	25	0.207	100	21	0.211
764 Dd10		208	40	0.193	173	34	0.199
765 Dd11		200	39	0.197	166	32	0.194
766 Dd12		186	38	0.206	154	32	0.208
767 Dd13		236	45	0.190	196	39	0.200
768 Dd14		235	39	0.165	195	33	0.169
769 Dd15		212	40	0.189	176	33	0.189
770 Dd16		198	42	0.213	165	36	0.218
771 Dd17		202	39	0.193	167	33	0.200
772 Dd18		185	30	0.163	153	27	0.174
773 Dd19		171	31	0.183	142	26	0.185
774 Dd20		169	33	0.194	140	27	0.190
775 Dd21		152	27	0.180	126	23	0.180
776 Dd22		115	19	0.164	96	16	0.169
777 Dd23		112	20	0.182	93	18	0.191
778 Dd24		110	20	0.183	91	17	0.186
779 Dd25		114	23	0.199	94	19	0.203
780 Dd26		110	21	0.190	92	17	0.189
781 Dd27		98	20	0.208	82	17	0.213
782 Dd28		236	47	0.198	196	39	0.198

TABLE 7.2. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
783 Dd29		232	49	0.209	193	41	0.211
784 Dd30		207	41	0.198	172	33	0.193
785 Dd31		256	46	0.181	212	39	0.186
786 Dd32		250	49	0.197	208	41	0.199
787 Dd33		233	40	0.170	194	34	0.178
788 Dd 1		150	31	0.208	124	27	0.213
789 Dd 2		151	29	0.190	125	24	0.191
790 Dd 3		141	27	0.193	117	22	0.192
791 Dd 4		127	21	0.168	105	19	0.177
792 Dd 5		131	27	0.206	109	22	0.206
793 Dd 6		120	22	0.184	100	18	0.184
794 Fd 7		230	41	0.179	191	35	0.184
795 Fd 8		229	50	0.220	190	42	0.222
796 Fd 9		214	38	0.180	177	32	0.181
797 Fd10		287	60	0.210	238	52	0.217
798 Fd11		282	55	0.195	234	47	0.199
799 Fd12		254	41	0.161	211	35	0.164
800 Fd13		197	38	0.193	163	32	0.194
801 Fd14		198	37	0.188	164	31	0.190
802 Fd15		183	36	0.198	152	31	0.202
803 Dd16		255	45	0.176	212	37	0.176
804 Dd17		245	42	0.173	203	35	0.174
805 Dd18		226	42	0.185	188	36	0.194
806 Dd19		228	41	0.179	189	35	0.186
807 Dd20		225	42	0.189	187	37	0.198
808 Dd21		203	36	0.176	169	31	0.186
809 Dd22		189	30	0.159	157	25	0.159
810 Dd23		196	37	0.191	162	31	0.192
811 Dd24		174	31	0.175	145	27	0.184
812 Dd25		102	21	0.204	84	17	0.205
813 Dd26		101	21	0.210	84	18	0.211
814 Dd27		91	17	0.184	76	14	0.190
815 Dd28		122	25	0.203	101	21	0.207
816 Dd29		120	23	0.194	99	20	0.196
817 Dd30		110	19	0.177	91	16	0.178
818 Dd 1		100	19	0.188	83	16	0.193
819 Dd 2		105	19	0.183	87	16	0.184
820 Dd 3		94	17	0.181	78	14	0.178
821 Dd 4		80	15	0.185	67	12	0.177
822 Dd 5		80	14	0.180	66	12	0.184
823 Dd 6		74	14	0.184	62	12	0.189
824 Dd 7		74	13	0.175	61	11	0.175
825 Dd 8		24	4	0.175	20	4	0.178
826 Dd 9		24	4	0.178	20	4	0.179
827 Dd10		67	14	0.210	55	11	0.207
828 Dd11		63	12	0.185	52	10	0.185

TABLE 7.2. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
829 Dd12		65	12	0.180	54	10	0.182
830 Dd13		81	14	0.180	67	12	0.180
831 Dd14		82	17	0.211	68	15	0.216
832 Dd15		75	14	0.182	62	11	0.179
833 Dd16		66	12	0.186	55	10	0.187
834 Dd17		70	14	0.196	58	12	0.205
835 Dd18		63	13	0.203	52	10	0.198
836 Dd19		51	10	0.204	42	9	0.203
837 Dd20		52	11	0.201	43	9	0.202
838 Dd21		46	8	0.165	38	6	0.167
839 Dd 1		138	26	0.190	114	22	0.196
840 Dd 2		137	29	0.215	114	26	0.226
841 Dd 3		124	25	0.199	103	20	0.196
842 Dd 4		171	31	0.183	141	26	0.183
843 Dd 5		164	33	0.202	136	28	0.203
844 Dd 6		148	30	0.205	123	25	0.205
845 Dd 7		142	28	0.196	118	24	0.201
846 Dd 8		143	30	0.207	119	25	0.208
847 Dd 9		129	25	0.195	107	22	0.202
848 Dd10		78	17	0.214	64	14	0.211
849 Dd11		77	14	0.182	64	12	0.185
850 Dd12		69	13	0.186	57	11	0.190
851 Dd13		127	25	0.194	105	21	0.195
852 Dd14		127	24	0.190	105	21	0.197
853 Dd15		116	22	0.190	96	18	0.189
854 Dd16		142	29	0.205	118	26	0.218
855 Dd17		142	27	0.193	118	24	0.199
856 Dd18		132	26	0.196	110	21	0.190
857 Dd19		123	22	0.180	102	18	0.180
858 Dd20		119	23	0.197	99	20	0.199
859 Dd21		111	20	0.180	92	16	0.174
860 Dd22		94	19	0.203	78	16	0.210
861 Dd23		94	18	0.188	78	16	0.199
862 Dd24		86	17	0.200	71	15	0.205
863 Dd25		118	23	0.191	98	19	0.197
864 Dd26		121	24	0.200	101	21	0.208
865 Dd27		109	21	0.189	90	17	0.192
866 Dd28		117	23	0.201	97	20	0.208
867 Dd29		116	24	0.203	96	20	0.206
868 Dd30		107	22	0.206	89	18	0.206
869 Dd31		90	18	0.205	75	16	0.213
870 Dd32		91	18	0.196	75	15	0.195
871 Dd33		84	15	0.173	70	12	0.175
872 Dd 1		178	38	0.215	148	33	0.223
873 Dd 2		179	36	0.199	149	30	0.202
874 Dd 3		166	36	0.216	138	29	0.214

TABLE 7.2. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
875 Dd 4		171	30	0.174	142	25	0.176
876 Dd 5		155	31	0.200	129	26	0.204
877 Dd 6		154	30	0.194	128	26	0.204
878 Dd 7		113	21	0.185	94	18	0.192
879 Dd 8		110	24	0.219	91	21	0.226
880 Dd 9		98	17	0.175	82	14	0.174
881 Dd10		90	18	0.198	75	15	0.200
882 Dd11		87	16	0.182	72	13	0.178
883 Dd12		81	17	0.203	68	14	0.204
884 Fd13		79	15	0.186	66	12	0.189
885 Fd14		77	15	0.199	64	13	0.208
886 Fd15		72	14	0.199	60	12	0.205
887 Fd16		73	13	0.175	60	11	0.174
888 Fd17		73	14	0.190	60	12	0.192
889 Fd18		70	13	0.181	58	11	0.184
890 Fd19		61	12	0.201	51	10	0.202
891 Fd20		64	12	0.190	53	10	0.187
892 Fd21		57	9	0.163	47	8	0.167
893 Dd22		158	29	0.187	131	25	0.191
894 Dd23		153	26	0.172	127	22	0.177
895 Dd24		145	28	0.194	120	23	0.195
896 Dd25		174	36	0.205	144	29	0.201
897 Dd26		170	34	0.197	142	30	0.209
898 Dd27		159	34	0.212	132	29	0.219
899 Dd28		121	22	0.184	100	19	0.189
900 Dd29		122	24	0.197	101	20	0.203
901 Dd30		115	22	0.190	95	18	0.191
902 Dd 1		162	33	0.206	135	28	0.210
903 Dd 2		154	28	0.182	128	24	0.186
904 Dd 3		145	29	0.198	121	25	0.205
905 Dd 4		152	33	0.214	126	28	0.220
906 Dd 5		151	27	0.180	125	23	0.181
907 Dd 6		142	25	0.176	118	21	0.178
908 Dd 7		116	21	0.185	96	18	0.191
909 Dd 8		120	20	0.168	100	17	0.171
910 Dd 9		106	20	0.185	88	17	0.194
911 Dd10		77	13	0.165	64	11	0.168
912 Dd11		76	12	0.157	63	10	0.159
913 Dd12		70	14	0.197	58	11	0.194
914 Dd13		87	16	0.189	72	14	0.189
915 Dd14		81	15	0.184	68	13	0.186
916 Dd15		76	16	0.209	63	13	0.210
917 Dd16		72	14	0.198	59	12	0.200
918 Dd17		71	13	0.184	59	11	0.191
919 Dd18		64	13	0.196	53	10	0.190
920 Dd19		59	12	0.212	49	10	0.211

TABLE 7.2. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
921 Dd20		61	10	0.166	51	8	0.168
922 Dd21		55	9	0.173	45	8	0.177
923 Dd22		35	6	0.176	29	5	0.176
924 Dd23		36	7	0.199	30	6	0.206
925 Dd24		34	7	0.212	28	6	0.213
926 Dd25		46	9	0.191	38	7	0.192
927 Dd26		44	9	0.206	36	7	0.206
928 Dd27		41	7	0.174	34	6	0.177
929 Dd 1		40	8	0.198	33	7	0.196
930 Dd 2		39	7	0.190	33	6	0.196
931 Dd 3		37	8	0.202	31	6	0.202
932 Dd 4		32	7	0.222	26	6	0.225
933 Dd 5		30	5	0.178	25	5	0.182
934 Dd 6		27	5	0.191	23	4	0.192
935 Dd 7		23	5	0.228	19	4	0.224
936 Dd 8		23	5	0.203	19	4	0.199
937 Dd 9		21	4	0.184	17	3	0.187
938 Fd10		41	9	0.211	34	7	0.210
939 Fd11		41	9	0.217	34	8	0.220
940 Fd12		36	7	0.205	30	6	0.204
941 Fd13		37	8	0.202	31	7	0.212
942 Fd14		38	8	0.202	32	6	0.205
943 Fd15		35	8	0.216	29	7	0.225
944 Fd16		32	6	0.179	27	5	0.180
945 Fd17		33	6	0.195	28	5	0.197
946 Fd18		30	6	0.192	25	5	0.200
947 Fd19		20	3	0.167	16	3	0.167
948 Fd20		19	4	0.181	16	3	0.183
949 Fd21		18	4	0.207	15	3	0.212
950 Fd22		62	13	0.212	52	11	0.215
951 Fd23		62	12	0.201	52	10	0.201
952 Fd24		57	13	0.230	47	11	0.234
953 Fd25		64	13	0.201	53	11	0.200
954 Fd26		67	13	0.193	55	11	0.199
955 Fd27		58	11	0.190	49	9	0.194
956 Fd 1		55	11	0.194	46	9	0.204
957 Fd 2		54	10	0.180	45	8	0.185
958 Fd 3		50	11	0.226	41	9	0.225
959 Fd 4		45	9	0.189	37	7	0.192
960 Fd 5		44	8	0.186	37	7	0.193
961 Fd 6		42	8	0.193	34	7	0.193
962 Fd 7		44	10	0.228	37	9	0.237
963 Fd 8		45	10	0.231	38	9	0.233
964 Fd 9		41	8	0.199	34	7	0.204
965 Fd10		44	10	0.225	36	8	0.225
966 Fd11		44	9	0.202	37	8	0.206

TABLE 7.2. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
967 Fd12		42	8	0.187	35	7	0.194
968 Fd13		48	10	0.207	40	8	0.210
969 Fd14		49	10	0.210	41	9	0.213
970 Fd15		45	9	0.203	37	8	0.201
971 Fd16		49	10	0.213	40	9	0.221
972 Fd17		49	10	0.205	41	8	0.204
973 Fd18		45	9	0.212	37	8	0.218
974 Fd19		54	11	0.204	44	9	0.204
975 Fd20		53	11	0.211	44	10	0.217
976 Fd21		49	10	0.209	40	8	0.209
977 Fd22		55	11	0.193	46	9	0.193
978 Fd23		54	11	0.195	45	9	0.192
979 Fd24		50	10	0.197	41	8	0.195
980 Fd25		31	6	0.196	26	5	0.198
981 Fd26		32	6	0.175	26	5	0.183
982 Fd27		30	5	0.171	25	4	0.176
983 Dd 1		47	9	0.200	39	8	0.202
984 Dd 2		49	10	0.209	41	9	0.215
985 Dd 3		46	10	0.217	38	9	0.227
986 Dd 4		53	11	0.200	44	9	0.204
987 Dd 5		54	11	0.215	45	10	0.223
988 Dd 6		49	11	0.223	40	9	0.227
989 Dd 7		41	8	0.204	34	7	0.203
990 Dd 8		42	8	0.189	35	7	0.194
991 Dd 9		38	8	0.213	32	7	0.218
992 Fd10		43	8	0.187	36	7	0.189
993 Fd11		41	8	0.191	34	7	0.194
994 Fd12		39	8	0.193	33	7	0.200
995 Fd13		40	7	0.183	33	6	0.187
996 Fd14		40	7	0.189	33	6	0.189
997 Fd15		37	7	0.193	31	6	0.200
998 Fd16		23	5	0.219	19	4	0.218
999 Fd17		24	5	0.196	20	4	0.202
1000 Fd18		22	4	0.193	18	4	0.198
1001 Fd19		25	4	0.178	20	4	0.176
1002 Fd20		25	5	0.184	20	4	0.185
1003 Fd21		22	4	0.176	19	3	0.175
1004 Fd22		21	4	0.188	17	3	0.196
1005 Fd23		20	4	0.200	17	3	0.206
1006 Fd24		18	3	0.182	15	3	0.183
1007 Fd 1		17	3	0.181	14	3	0.184
1008 Fd 2		17	3	0.178	14	3	0.179
1009 Fd 3		15	3	0.196	13	2	0.194
1010 Fd 4		13	2	0.184	11	2	0.185
1011 Fd 5		13	2	0.185	11	2	0.186
1012 Fd 6		12	2	0.194	10	2	0.203

TABLE 7.2. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
1013 Dd 7		39	7	0.179	32	6	0.183
1014 Dd 8		40	8	0.189	33	6	0.191
1015 Dd 9		35	7	0.200	29	6	0.200
1016 Dd10		44	9	0.193	37	7	0.196
1017 Dd11		44	9	0.216	36	8	0.225
1018 Dd12		42	8	0.184	35	7	0.191
1019 Dd13		33	7	0.219	28	6	0.222
1020 Dd14		34	6	0.185	28	5	0.184
1021 Dd15		31	6	0.207	26	5	0.208
1022 Dd16		42	8	0.199	35	7	0.205
1023 Dd17		40	7	0.187	33	6	0.194
1024 Dd18		37	7	0.196	30	6	0.204
1025 Dd19		32	6	0.179	26	5	0.188
1026 Dd20		31	6	0.208	26	5	0.207
1027 Dd21		29	5	0.183	24	5	0.187
1028 Dd22		25	5	0.205	20	4	0.215
1029 Dd23		25	4	0.181	20	4	0.189
1030 Dd24		22	5	0.218	19	4	0.221
1031 Dd25		22	4	0.183	18	3	0.187
1032 Dd26		21	4	0.195	18	3	0.196
1033 Dd27		19	4	0.205	16	3	0.207
1034 Dd28		14	3	0.196	12	2	0.201
1035 Dd29		13	2	0.177	11	2	0.182
1036 Dd30		12	2	0.186	10	2	0.185
1037 Dd 1		10	2	0.184	8	2	0.189
1038 Dd 2		9	2	0.214	8	2	0.217
1039 Dd 3		8	2	0.197	7	1	0.201
1040 Dd 4		5	1	0.198	4	1	0.199
1041 Dd 5		5	1	0.206	4	1	0.208
1042 Dd 6		5	1	0.187	4	1	0.196
1043 Dd 7		12	2	0.211	10	2	0.213
1044 Dd 8		11	2	0.217	10	2	0.226
1045 Dd 9		11	2	0.223	9	2	0.229
1046 Dd10		13	3	0.198	11	2	0.203
1047 Dd11		13	2	0.185	11	2	0.186
1048 Dd12		12	2	0.194	10	2	0.194
1049 Dd13		9	2	0.194	8	2	0.199
1050 Dd14		10	2	0.187	8	2	0.194
1051 Dd15		9	2	0.226	7	2	0.231
1052 Dd16		9	2	0.220	8	2	0.223
1053 Dd17		9	2	0.195	8	2	0.197
1054 Dd18		9	2	0.201	7	2	0.208
1055 Fd 1		9	2	0.196	7	1	0.201
1056 Fd 2		9	2	0.179	7	1	0.180
1057 Fd 3		8	2	0.200	7	1	0.202
1058 Fd 4		6	1	0.180	5	1	0.189

TABLE 7.2. (contd)

Cut	Cut ID	-----Contents-----			-----Released-----		
		Mean	Std. Dev.	C of V	Mean	Std. Dev.	C of V
1059 Fd 5		6	1	0.192	5	1	0.198
1060 Fd 6		6	1	0.186	5	1	0.185
1061 Fd 7		3	1	0.183	3	1	0.188
1062 Fd 8		3	1	0.212	3	1	0.207
1063 Fd 9		3	1	0.206	3	1	0.211
1064 Fd10		2	0	0.206	2	0	0.210
1065 Fd11		2	0	0.193	2	0	0.196
1066 Fd12		2	0	0.196	2	0	0.202
1067 Dd13		11	2	0.199	9	2	0.202
1068 Dd14		11	2	0.210	9	2	0.213
1069 Dd15		10	2	0.202	8	2	0.197
1070 Dd16		9	2	0.186	7	1	0.197
1071 Dd17		9	2	0.213	8	2	0.225
1072 Dd18		8	1	0.174	7	1	0.178
1073 Dd19		8	1	0.193	6	1	0.198
1074 Dd20		8	2	0.199	7	1	0.209
1075 Dd21		7	1	0.201	6	1	0.204
1076 Dd22		5	1	0.206	4	1	0.210
1077 Dd23		5	1	0.164	4	1	0.170
1078 Dd24		5	1	0.203	4	1	0.208
1079 Dd 1		9	2	0.206	8	2	0.212
1080 Dd 2		9	2	0.189	7	1	0.191
1081 Dd 3		8	2	0.219	7	2	0.224
1082 Dd 4		8	2	0.195	7	1	0.199
1083 Dd 5		8	2	0.200	7	1	0.200
1084 Dd 6		8	2	0.202	6	1	0.201
1085 Dd 7		5	1	0.189	4	1	0.194
1086 Dd 8		5	1	0.197	4	1	0.207
1087 Dd 9		4	1	0.188	4	1	0.189
1088 Dd10		4	1	0.191	3	1	0.201
1089 Dd11		4	1	0.174	3	1	0.173
1090 Dd12		4	1	0.193	3	1	0.199
1091 Fd13		4	1	0.211	4	1	0.221
1092 Fd14		4	1	0.203	3	1	0.207
1093 Fd15		4	1	0.205	3	1	0.205
1094 Fd16		4	1	0.208	4	1	0.208
1095 Fd17		4	1	0.203	4	1	0.210
1096 Fd18		4	1	0.214	3	1	0.220
Sums		431226			357874		

TABLE 7.3. Daily Releases of Iodine-131 from 100 STRM "Realizations"

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
12/25/44						
12/26/44	75	182	2.42			
12/27/44	409	337	0.82			
12/28/44	503	388	0.77			
12/29/44	477	408	0.86			
12/30/44	96	157	1.63			
12/31/44	31	8	0.24			
01/01/45	547	453	0.83			
01/02/45	561	401	0.72			
01/03/45	459	378	0.82			
01/04/45	46	47	1.04			
01/05/45	31	7	0.23			
01/06/45	26	6	0.24			
01/07/45	15	8	0.53			
01/08/45	5	5	0.98			
01/09/45	0	0	2.71			
01/10/45	80	133	1.67			
01/11/45	174	149	0.86			
01/12/45	274	203	0.74			
01/13/45	163	143	0.88			
01/14/45	189	174	0.92			
01/15/45	335	238	0.71			
01/16/45	280	198	0.71			
01/17/45	211	168	0.80			
01/18/45	29	23	0.82			
01/19/45	18	4	0.23			
01/20/45	13	4	0.31			
01/21/45	7	4	0.60			
01/22/45	2	2	1.07			
01/23/45	0	0	2.39			
01/24/45	432	348	0.80			
01/25/45	438	291	0.66			
01/26/45	432	291	0.67			
01/27/45	46	48	1.05			
01/28/45	26	7	0.25			
01/29/45	22	6	0.28			
01/30/45	13	6	0.49			
01/31/45	253	243	0.96			
02/01/45	343	254	0.74			
02/02/45	323	229	0.71			
02/03/45	129	136	1.06			

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
02/04/45	20	5	0.22			
02/05/45	19	4	0.23			
02/06/45	12	5	0.42			
02/07/45	6	4	0.65			
02/08/45	1	1	1.25			
02/09/45	190	279	1.47			
02/10/45	514	406	0.79			
02/11/45	566	442	0.78			
02/12/45	296	267	0.90			
02/13/45	51	50	0.98			
02/14/45	30	7	0.24			
02/15/45	526	389	0.74			
02/16/45	505	362	0.72	141	210	1.49
02/17/45	466	324	0.70	298	271	0.91
02/18/45	50	53	1.06	292	214	0.73
02/19/45	29	7	0.24	165	191	1.15
02/20/45	589	667	1.13	574	601	1.05
02/21/45	828	656	0.79	937	629	0.67
02/22/45	1413	874	0.62	796	573	0.72
02/23/45	1414	741	0.52	309	366	1.19
02/24/45	992	637	0.64	50	14	0.27
02/25/45	375	377	1.01	46	12	0.27
02/26/45	760	719	0.95	29	12	0.42
02/27/45	1309	857	0.65	13	9	0.73
02/28/45	1132	824	0.73	617	693	1.12
03/01/45	500	476	0.95	966	748	0.77
03/02/45	69	17	0.24	964	674	0.70
03/03/45	63	16	0.24	346	385	1.11
03/04/45	676	603	0.89	928	843	0.91
03/05/45	946	689	0.73	1258	1004	0.80
03/06/45	1430	882	0.62	1042	816	0.78
03/07/45	1315	768	0.58	559	532	0.95
03/08/45	991	619	0.62	391	485	1.24
03/09/45	408	412	1.01	693	655	0.94
03/10/45	541	464	0.86	932	757	0.81
03/11/45	930	566	0.61	918	735	0.80
03/12/45	826	508	0.62	1059	951	0.90
03/13/45	1228	905	0.74	1349	868	0.64
03/14/45	1317	872	0.66	992	675	0.68
03/15/45	1000	692	0.69	1447	1055	0.73
03/16/45	320	335	1.05	1205	824	0.68

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
03/17/45	78	18	0.23	1066	704	0.66
03/18/45	58	16	0.27	1850	1925	1.04
03/19/45	314	802	2.55	2721	2244	0.82
03/20/45	992	1141	1.15	2430	1918	0.79
03/21/45	1051	1268	1.21	837	1174	1.40
03/22/45	1527	1201	0.79	156	39	0.25
03/23/45	1365	970	0.71	135	34	0.25
03/24/45	1363	1048	0.77	145	114	0.79
03/25/45	2007	1502	0.75	1703	1369	0.80
03/26/45	1931	1364	0.71	2610	1604	0.61
03/27/45	1423	1051	0.74	3026	1759	0.58
03/28/45	129	36	0.28	2322	1821	0.78
03/29/45	113	25	0.22	1781	1345	0.76
03/30/45	1005	1063	1.06	774	811	1.05
03/31/45	1793	1178	0.66	165	41	0.25
04/01/45	1412	1010	0.72	114	32	0.28
04/02/45	1160	960	0.83	576	778	1.35
04/03/45	966	942	0.98	1507	1162	0.77
04/04/45	1231	1033	0.84	1405	1052	0.75
04/05/45	1910	1291	0.68	1466	1192	0.81
04/06/45	2734	1469	0.54	914	862	0.94
04/07/45	2137	1103	0.52	1619	1256	0.78
04/08/45	1680	1126	0.67	1614	1187	0.74
04/09/45	1039	775	0.75	1334	1143	0.86
04/10/45	1136	768	0.68	569	668	1.17
04/11/45	745	620	0.83	263	424	1.61
04/12/45	94	29	0.31	663	844	1.27
04/13/45	354	572	1.61	893	796	0.89
04/14/45	1462	948	0.65	1365	1115	0.82
04/15/45	1489	809	0.54	1220	798	0.65
04/16/45	954	736	0.77	1655	1097	0.66
04/17/45	156	163	1.05	1531	857	0.56
04/18/45	82	18	0.22	1228	819	0.67
04/19/45	65	19	0.29	514	522	1.02
04/20/45	36	20	0.55	102	26	0.25
04/21/45	11	11	1.05	76	21	0.27
04/22/45	1	1	2.38	44	19	0.43
04/23/45				18	14	0.75
04/24/45				3	4	1.40
04/25/45						
04/26/45				63	101	1.61

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
04/27/45				742	805	1.08
04/28/45	613	843	1.38	1114	935	0.84
04/29/45	1629	1300	0.80	1460	1038	0.71
04/30/45	2976	1651	0.55	1657	1171	0.71
05/01/45	2133	1436	0.67	1686	1186	0.70
05/02/45	1157	925	0.80	1486	927	0.62
05/03/45	1374	1158	0.84	1085	717	0.66
05/04/45	2193	1380	0.63	445	409	0.92
05/05/45	1639	1280	0.78	435	515	1.18
05/06/45	695	831	1.19	826	730	0.88
05/07/45	108	25	0.23	1095	884	0.81
05/08/45	93	20	0.22	660	586	0.89
05/09/45	59	26	0.43	202	295	1.46
05/10/45	24	21	0.86	51	13	0.25
05/11/45	4	6	1.58	40	13	0.32
05/12/45	251	345	1.38	583	599	1.03
05/13/45	893	683	0.76	774	611	0.79
05/14/45	1026	624	0.61	1252	775	0.62
05/15/45	811	562	0.69	1481	896	0.60
05/16/45	448	441	0.98	1560	899	0.58
05/17/45	714	473	0.66	860	672	0.78
05/18/45	987	543	0.55	221	289	1.31
05/19/45	901	487	0.54	86	22	0.26
05/20/45	1041	754	0.72	761	853	1.12
05/21/45	1158	640	0.55	1583	1074	0.68
05/22/45	846	664	0.78	1558	880	0.57
05/23/45	302	382	1.26	821	603	0.74
05/24/45	72	19	0.27	238	220	0.92
05/25/45	55	15	0.28	84	19	0.23
05/26/45	32	19	0.59	100	69	0.69
05/27/45	13	15	1.20	588	678	1.15
05/28/45	1	3	1.99	1163	825	0.71
05/29/45	740	648	0.88	1192	860	0.72
05/30/45	1183	1012	0.86	696	649	0.93
05/31/45	1794	1150	0.64	650	580	0.89
06/01/45	1856	1138	0.61	940	670	0.71
06/02/45	1758	1081	0.62	685	642	0.94
06/03/45	1749	962	0.55	364	341	0.94
06/04/45	1115	676	0.61	527	685	1.30
06/05/45	686	570	0.83	1134	1003	0.88
06/06/45	706	524	0.74	1344	972	0.72

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
06/07/45	959	683	0.71	868	739	0.85
06/08/45	1228	788	0.64	1221	1032	0.85
06/09/45	1402	820	0.58	1550	1105	0.71
06/10/45	1344	685	0.51	1266	881	0.70
06/11/45	1834	1109	0.60	394	478	1.22
06/12/45	1802	1140	0.63	426	476	1.12
06/13/45	1273	985	0.77	805	655	0.81
06/14/45	1189	791	0.67	844	628	0.74
06/15/45	625	361	0.58	586	415	0.71
06/16/45	1123	845	0.75	533	666	1.25
06/17/45	1315	992	0.75	1362	1133	0.83
06/18/45	1558	917	0.59	1180	942	0.80
06/19/45	1441	988	0.69	1269	974	0.77
06/20/45	1351	935	0.69	516	345	0.67
06/21/45	1214	853	0.70	762	761	1.00
06/22/45	624	579	0.93	974	897	0.92
06/23/45	222	303	1.36	852	801	0.94
06/24/45	1119	910	0.81	975	804	0.82
06/25/45	1641	944	0.58	793	764	0.96
06/26/45	2660	1177	0.44	1179	971	0.82
06/27/45	2844	1237	0.44	1396	861	0.62
06/28/45	2053	911	0.44	1147	750	0.65
06/29/45	1188	706	0.59	1185	811	0.68
06/30/45	316	233	0.74	928	590	0.64
07/01/45	142	33	0.23	1119	788	0.70
07/02/45	88	26	0.29	1317	816	0.62
07/03/45	39	19	0.50	1341	744	0.55
07/04/45	73	81	1.10	1119	659	0.59
07/05/45	976	838	0.86	1376	951	0.69
07/06/45	1290	1046	0.81	1652	1053	0.64
07/07/45	1911	1114	0.58	1386	965	0.70
07/08/45	1632	1030	0.63	1660	1305	0.79
07/09/45	2091	1086	0.52	1820	1420	0.78
07/10/45	1478	652	0.44	1993	1339	0.67
07/11/45	1006	536	0.53	1137	921	0.81
07/12/45	328	231	0.71	781	779	1.00
07/13/45	488	435	0.89	1241	971	0.78
07/14/45	1047	733	0.70	1342	788	0.59
07/15/45	2287	1228	0.54	1388	996	0.72
07/16/45	2499	1160	0.46	943	757	0.80
07/17/45	1865	923	0.49	1873	1212	0.65

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
07/18/45	874	644	0.74	2290	1117	0.49
07/19/45	303	360	1.19	1887	1261	0.67
07/20/45	555	532	0.96	1657	1145	0.69
07/21/45	1026	856	0.83	3046	1546	0.51
07/22/45	1604	1030	0.64	2430	1487	0.61
07/23/45	1395	888	0.64	3143	1673	0.53
07/24/45	1305	845	0.65	2288	1311	0.57
07/25/45	1181	843	0.71	1578	945	0.60
07/26/45	1291	816	0.63	721	629	0.87
07/27/45	1170	808	0.69	981	688	0.70
07/28/45	881	606	0.69	1224	673	0.55
07/29/45	633	538	0.85	1130	761	0.67
07/30/45	672	663	0.99	1503	1025	0.68
07/31/45	1343	935	0.70	1594	1000	0.63
08/01/45	1609	1106	0.69	1490	1040	0.70
08/02/45	1257	904	0.72	1363	943	0.69
08/03/45	1030	837	0.81	1351	813	0.60
08/04/45	1034	948	0.92	1728	1139	0.66
08/05/45	1915	1317	0.69	1462	1044	0.71
08/06/45	2057	1149	0.56	2179	1351	0.62
08/07/45	2045	1285	0.63	2232	1403	0.63
08/08/45	2484	1533	0.62	2048	1264	0.62
08/09/45	2781	1511	0.54	2842	1485	0.52
08/10/45	2753	1527	0.55	2811	1393	0.50
08/11/45	2361	1444	0.61	3065	1641	0.54
08/12/45	2485	1487	0.60	2893	1334	0.46
08/13/45	2434	1478	0.61	2198	1115	0.51
08/14/45	2748	1179	0.43	2079	1093	0.53
08/15/45	1514	1029	0.68	1715	873	0.51
08/16/45	1189	843	0.71	2481	1254	0.51
08/17/45	1387	782	0.56	2423	1249	0.52
08/18/45	1929	1003	0.52	2396	1260	0.53
08/19/45	1964	1016	0.52	1924	977	0.51
08/20/45	1445	816	0.56	1562	757	0.48
08/21/45	953	565	0.59	1607	782	0.49
08/22/45	944	523	0.55	2008	949	0.47
08/23/45	888	474	0.53	1766	781	0.44
08/24/45	941	536	0.57	1334	623	0.47
08/25/45	1028	451	0.44	860	451	0.52
08/26/45	960	451	0.47	560	321	0.57
08/27/45	989	530	0.54	594	395	0.66

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
08/28/45	1039	493	0.48	568	413	0.73
08/29/45	735	429	0.58	955	477	0.50
08/30/45	597	485	0.81	1024	555	0.54
08/31/45	590	452	0.77	787	434	0.55
09/01/45	942	611	0.65	880	410	0.47
09/02/45	1056	599	0.57	804	339	0.42
09/03/45	1119	651	0.58	1025	507	0.49
09/04/45	1501	790	0.53	987	431	0.44
09/05/45	1413	807	0.57	929	443	0.48
09/06/45	1378	793	0.58	894	438	0.49
09/07/45	1376	716	0.52	654	339	0.52
09/08/45	1371	741	0.54	639	350	0.55
09/09/45	1150	696	0.61	508	283	0.56
09/10/45	1005	589	0.59	427	242	0.57
09/11/45	898	504	0.56	332	221	0.67
09/12/45	925	430	0.46	496	337	0.68
09/13/45	968	454	0.47	555	403	0.73
09/14/45	704	397	0.56	587	378	0.64
09/15/45	833	453	0.54	570	385	0.68
09/16/45	620	377	0.61	514	332	0.64
09/17/45	609	313	0.51	586	299	0.51
09/18/45	396	237	0.60	605	333	0.55
09/19/45	417	224	0.54	548	332	0.61
09/20/45	544	239	0.44	455	295	0.65
09/21/45	466	261	0.56	546	313	0.57
09/22/45	515	250	0.48	599	331	0.55
09/23/45	542	270	0.50	914	461	0.50
09/24/45	579	254	0.44	822	449	0.55
09/25/45	621	295	0.47	789	479	0.61
09/26/45	483	274	0.57	713	488	0.68
09/27/45	369	198	0.54	736	412	0.56
09/28/45	216	166	0.77	804	426	0.53
09/29/45	144	122	0.85	635	368	0.58
09/30/45	131	102	0.78	674	339	0.50
10/01/45	172	138	0.80	678	350	0.52
10/02/45	224	145	0.65	596	359	0.60
10/03/45	279	156	0.56	702	444	0.63
10/04/45	268	168	0.63	894	498	0.56
10/05/45	258	168	0.65	986	533	0.54
10/06/45	354	236	0.67	1319	660	0.50
10/07/45	776	440	0.57	1398	676	0.48

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released	Std. Dev.	Coef. of Var.	Released	Std. Dev.	Coef. of Var.
	I-131 Ci			I-131 Ci		
10/08/45	983	484	0.49	1318	685	0.52
10/09/45	807	469	0.58	1528	874	0.57
10/10/45	595	364	0.61	1922	1025	0.53
10/11/45	393	206	0.52	1961	998	0.51
10/12/45	312	186	0.60	1954	1094	0.56
10/13/45	277	152	0.55	2175	1101	0.51
10/14/45	377	193	0.51	2104	1173	0.56
10/15/45	515	348	0.68	2270	1314	0.58
10/16/45	747	433	0.58	1590	1007	0.63
10/17/45	846	475	0.56	1025	790	0.77
10/18/45	1091	521	0.48	755	705	0.93
10/19/45	1106	579	0.52	872	629	0.72
10/20/45	1443	757	0.52	1468	768	0.52
10/21/45	1635	710	0.43	1612	816	0.51
10/22/45	1587	770	0.49	1108	844	0.76
10/23/45	1464	707	0.48	1293	995	0.77
10/24/45	1079	577	0.53	1345	1105	0.82
10/25/45	1153	655	0.57	1807	1108	0.61
10/26/45	1118	581	0.52	1491	1048	0.70
10/27/45	701	440	0.63	1093	1071	0.98
10/28/45	383	376	0.98	1008	875	0.87
10/29/45	281	281	1.00	1289	890	0.69
10/30/45	282	269	0.96	1615	1000	0.62
10/31/45	221	225	1.02	1657	896	0.54
11/01/45	135	107	0.79	1327	764	0.58
11/02/45	123	98	0.79	772	530	0.69
11/03/45	114	92	0.81	919	644	0.70
11/04/45	82	63	0.76	1140	616	0.54
11/05/45	76	53	0.70	1357	747	0.55
11/06/45	52	32	0.62	1076	640	0.59
11/07/45	40	22	0.56	970	628	0.65
11/08/45	24	17	0.71	781	500	0.64
11/09/45	18	13	0.75	403	366	0.91
11/10/45	18	15	0.80	243	143	0.59
11/11/45	18	14	0.76	376	222	0.59
11/12/45	20	18	0.90	627	394	0.63
11/13/45	31	26	0.85	723	393	0.54
11/14/45	53	36	0.68	597	351	0.59
11/15/45	68	45	0.66	413	250	0.61
11/16/45	68	42	0.62	337	195	0.58
11/17/45	80	50	0.62	383	231	0.60

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
11/18/45	75	44	0.59	415	245	0.59
11/19/45	55	37	0.68	395	220	0.56
11/20/45	61	43	0.71	357	206	0.58
11/21/45	64	46	0.71	384	235	0.61
11/22/45	110	64	0.58	422	205	0.49
11/23/45	104	65	0.62	342	209	0.61
11/24/45	81	62	0.77	392	233	0.59
11/25/45	53	52	0.98	327	174	0.53
11/26/45	80	68	0.86	399	190	0.48
11/27/45	98	72	0.74	265	171	0.64
11/28/45	90	67	0.74	193	146	0.76
11/29/45	50	47	0.95	157	118	0.75
11/30/45	72	61	0.85	146	102	0.70
12/01/45	121	88	0.72	199	135	0.68
12/02/45	147	87	0.59	243	137	0.56
12/03/45	149	81	0.54	247	152	0.62
12/04/45	134	79	0.59	251	155	0.62
12/05/45	98	51	0.52	197	132	0.67
12/06/45	55	43	0.79	128	106	0.83
12/07/45	22	24	1.10	51	59	1.17
12/08/45	7	2	0.26	14	4	0.28
12/09/45	21	49	2.27	9	3	0.33
12/10/45	103	114	1.11	41	47	1.16
12/11/45	161	124	0.77	115	82	0.71
12/12/45	173	143	0.82	202	111	0.55
12/13/45	184	156	0.85	212	101	0.48
12/14/45	214	139	0.65	189	108	0.57
12/15/45	230	147	0.64	165	85	0.52
12/16/45	295	173	0.59	144	90	0.62
12/17/45	191	126	0.66	141	84	0.59
12/18/45	96	77	0.81	150	79	0.52
12/19/45	40	43	1.07	175	94	0.53
12/20/45	99	76	0.77	156	78	0.50
12/21/45	118	84	0.71	150	69	0.46
12/22/45	95	76	0.79	129	67	0.52
12/23/45	101	73	0.73	114	56	0.49
12/24/45	85	58	0.68	119	67	0.56
12/25/45	85	53	0.63	111	65	0.59
12/26/45	42	41	0.98	167	97	0.58
12/27/45	51	42	0.81	121	80	0.66
12/28/45	81	48	0.59	148	91	0.61

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
12/29/45	66	43	0.65	158	111	0.70
12/30/45	40	31	0.77	215	118	0.55
12/31/45	20	23	1.14	257	146	0.57
01/01/46	18	18	1.02	302	169	0.56
01/02/46	16	17	1.06	242	155	0.64
01/03/46	10	15	1.46	210	123	0.58
01/04/46	1	0	0.39	210	144	0.68
01/05/46	31	23	0.74	196	118	0.60
01/06/46	36	22	0.62	179	99	0.55
01/07/46	32	20	0.63	127	89	0.70
01/08/46	14	13	0.94	132	87	0.65
01/09/46	2	0	0.22	51	49	0.96
01/10/46	2	0	0.21	53	53	1.01
01/11/46	11	12	1.07	93	73	0.79
01/12/46	17	13	0.77	79	62	0.78
01/13/46	16	12	0.72	99	66	0.67
01/14/46	8	8	1.08	74	61	0.82
01/15/46	8	8	0.94	114	72	0.63
01/16/46	26	25	0.94	114	78	0.68
01/17/46	37	34	0.90	98	66	0.67
01/18/46	43	34	0.79	76	46	0.61
01/19/46	41	35	0.86	65	47	0.72
01/20/46	32	26	0.82	100	56	0.56
01/21/46	11	16	1.42	222	146	0.66
01/22/46	21	24	1.11	279	171	0.61
01/23/46	78	45	0.58	374	198	0.53
01/24/46	89	45	0.51	325	161	0.50
01/25/46	80	42	0.53	330	149	0.45
01/26/46	58	35	0.59	314	128	0.41
01/27/46	66	38	0.58	327	149	0.46
01/28/46	60	30	0.49	241	101	0.42
01/29/46	45	40	0.89	229	112	0.49
01/30/46	84	64	0.76	175	104	0.59
01/31/46	117	82	0.70	207	94	0.45
02/01/46	133	98	0.74	180	101	0.56
02/02/46	251	121	0.48	189	97	0.52
02/03/46	255	110	0.43	197	97	0.49
02/04/46	236	110	0.47	241	145	0.60
02/05/46	138	85	0.62	384	183	0.48
02/06/46	78	70	0.89	373	192	0.51
02/07/46	124	105	0.85	285	152	0.53

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
02/08/46	215	138	0.64	267	136	0.51
02/09/46	214	145	0.68	184	100	0.55
02/10/46	316	162	0.51	162	93	0.57
02/11/46	300	142	0.47	137	106	0.77
02/12/46	238	141	0.59	258	173	0.67
02/13/46	174	116	0.66	379	206	0.54
02/14/46	138	92	0.67	474	203	0.43
02/15/46	73	62	0.85	459	223	0.49
02/16/46	38	40	1.07	415	182	0.44
02/17/46	19	26	1.32	364	209	0.57
02/18/46	53	50	0.94	278	161	0.58
02/19/46	71	55	0.78	265	131	0.49
02/20/46	91	64	0.71	249	117	0.47
02/21/46	191	118	0.62	263	112	0.42
02/22/46	239	128	0.53	200	91	0.46
02/23/46	237	121	0.51	164	85	0.52
02/24/46	155	88	0.57	117	68	0.58
02/25/46	127	83	0.65	84	52	0.61
02/26/46	122	77	0.63	77	54	0.70
02/27/46	102	69	0.68	88	62	0.71
02/28/46	122	87	0.71	64	45	0.71
03/01/46	186	122	0.66	19	25	1.34
03/02/46	277	156	0.56	5	1	0.22
03/03/46	320	141	0.44	49	40	0.81
03/04/46	356	169	0.47	82	76	0.92
03/05/46	319	161	0.50	149	123	0.82
03/06/46	181	96	0.53	249	171	0.69
03/07/46	85	70	0.82	304	193	0.64
03/08/46	99	70	0.71	408	216	0.53
03/09/46	129	104	0.81	378	208	0.55
03/10/46	267	196	0.73	417	185	0.44
03/11/46	393	255	0.65	291	152	0.52
03/12/46	390	224	0.58	279	132	0.47
03/13/46	375	197	0.53	270	106	0.39
03/14/46	261	185	0.71	272	119	0.44
03/15/46	258	178	0.69	277	112	0.40
03/16/46	235	174	0.74	204	103	0.50
03/17/46	252	142	0.56	180	86	0.48
03/18/46	252	148	0.59	216	134	0.62
03/19/46	162	111	0.68	234	159	0.68
03/20/46	141	103	0.73	314	211	0.67

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
03/21/46	124	88	0.71	358	240	0.67
03/22/46	168	97	0.58	273	188	0.69
03/23/46	226	91	0.40	370	192	0.52
03/24/46	174	91	0.52	398	177	0.45
03/25/46	136	73	0.54	441	197	0.45
03/26/46	74	49	0.66	451	194	0.43
03/27/46	55	37	0.67	260	149	0.57
03/28/46	29	27	0.91	173	135	0.78
03/29/46	29	27	0.93	172	122	0.71
03/30/46	14	18	1.30	252	172	0.68
03/31/46	26	30	1.16	290	171	0.59
04/01/46	26	28	1.09	276	153	0.55
04/02/46	22	25	1.16	314	157	0.50
04/03/46	21	23	1.13	269	160	0.59
04/04/46	23	21	0.91	294	142	0.48
04/05/46	12	13	1.08	271	148	0.55
04/06/46	15	15	0.94	231	128	0.55
04/07/46	13	13	0.96	267	133	0.50
04/08/46	9	11	1.16	277	109	0.39
04/09/46	8	9	1.09	223	107	0.48
04/10/46	10	10	0.99	191	113	0.59
04/11/46	11	9	0.86	141	94	0.67
04/12/46	11	10	0.90	218	109	0.50
04/13/46	9	8	0.86	174	100	0.57
04/14/46	13	8	0.64	229	107	0.47
04/15/46	6	5	0.92	174	99	0.57
04/16/46	6	5	0.88	159	85	0.54
04/17/46	5	5	1.03	159	94	0.59
04/18/46	8	6	0.76	155	108	0.70
04/19/46	6	5	0.87	199	109	0.55
04/20/46	6	4	0.77	145	95	0.65
04/21/46	5	5	0.89	197	109	0.55
04/22/46	5	4	0.80	140	86	0.61
04/23/46	5	4	0.77	131	79	0.60
04/24/46	4	4	1.00	168	105	0.63
04/25/46	6	4	0.73	154	93	0.60
04/26/46	4	3	0.76	169	106	0.63
04/27/46	3	3	0.95	149	95	0.64
04/28/46	3	3	0.86	187	102	0.54
04/29/46	4	3	0.78	128	79	0.62
04/30/46	2	2	0.88	112	71	0.63

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
05/01/46	3	2	0.82	117	68	0.58
05/02/46	3	2	0.94	97	54	0.56
05/03/46	4	3	0.75	93	58	0.62
05/04/46	2	2	0.85	83	50	0.60
05/05/46	2	2	0.77	84	40	0.47
05/06/46	2	1	0.88	94	58	0.61
05/07/46	2	1	0.79	100	72	0.72
05/08/46	1	1	1.05	94	59	0.63
05/09/46	13	19	1.46	103	67	0.65
05/10/46	23	23	1.01	103	58	0.57
05/11/46	35	26	0.76	129	72	0.56
05/12/46	41	30	0.73	128	69	0.54
05/13/46	46	33	0.72	119	65	0.55
05/14/46	41	32	0.77	136	79	0.58
05/15/46	23	20	0.85	158	87	0.55
05/16/46	24	20	0.84	161	96	0.59
05/17/46	22	20	0.90	136	88	0.65
05/18/46	32	24	0.74	146	80	0.55
05/19/46	33	26	0.77	182	102	0.56
05/20/46	38	29	0.75	184	99	0.54
05/21/46	47	34	0.73	176	103	0.59
05/22/46	38	31	0.81	181	107	0.59
05/23/46	25	24	0.96	173	87	0.51
05/24/46	32	24	0.75	202	92	0.46
05/25/46	25	22	0.90	196	92	0.47
05/26/46	32	21	0.67	182	90	0.49
05/27/46	33	23	0.68	212	105	0.50
05/28/46	28	21	0.73	155	84	0.54
05/29/46	28	20	0.70	140	81	0.58
05/30/46	23	17	0.71	111	67	0.61
05/31/46	15	13	0.87	100	55	0.55
06/01/46	14	11	0.82	158	87	0.55
06/02/46	17	16	0.98	131	77	0.59
06/03/46	24	18	0.75	189	101	0.53
06/04/46	29	19	0.66	131	88	0.67
06/05/46	29	21	0.73	181	117	0.65
06/06/46	25	18	0.72	124	82	0.66
06/07/46	21	16	0.78	141	72	0.51
06/08/46	16	13	0.83	115	55	0.48
06/09/46	8	9	1.13	136	63	0.47
06/10/46	9	9	0.96	174	85	0.49

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released	Std. Dev.	Coef. of Var.	Released	Std. Dev.	Coef. of Var.
	I-131 Ci			I-131 Ci		
06/11/46	2	1	0.96	201	97	0.48
06/12/46	1	0	0.40	172	87	0.51
06/13/46	0	0	0.53	159	74	0.46
06/14/46	0	0	0.80	141	64	0.46
06/15/46	0	0	1.39	171	85	0.50
06/16/46	0	0	3.35	192	97	0.51
06/17/46				269	136	0.51
06/18/46				296	163	0.55
06/19/46				289	156	0.54
06/20/46				278	136	0.49
06/21/46	0	3	7.02	264	146	0.55
06/22/46	1	4	3.67	288	150	0.52
06/23/46	2	5	2.98	247	120	0.49
06/24/46	4	6	1.74	222	108	0.49
06/25/46	5	7	1.38	250	124	0.49
06/26/46	8	8	1.05	271	160	0.59
06/27/46	6	6	1.13	307	173	0.56
06/28/46	5	5	1.18	283	153	0.54
06/29/46	3	4	1.35	293	144	0.49
06/30/46	3	4	1.34	422	217	0.51
07/01/46	3	4	1.49	432	246	0.57
07/02/46	4	5	1.28	398	253	0.63
07/03/46	5	6	1.10	332	256	0.77
07/04/46	4	4	0.98	302	242	0.80
07/05/46	3	4	1.22	383	291	0.76
07/06/46	2	3	1.43	373	268	0.72
07/07/46	1	2	1.53	353	232	0.66
07/08/46	1	1	2.10	322	217	0.67
07/09/46	6	26	4.72	341	198	0.58
07/10/46	6	27	4.30	281	202	0.72
07/11/46	31	61	1.99	302	201	0.67
07/12/46	55	68	1.24	369	244	0.66
07/13/46	54	64	1.18	368	227	0.62
07/14/46	77	67	0.87	375	259	0.69
07/15/46	52	53	1.02	337	246	0.73
07/16/46	28	42	1.50	369	223	0.60
07/17/46	24	34	1.43	324	213	0.66
07/18/46	8	16	2.01	292	173	0.59
07/19/46	3	3	1.02	260	178	0.68
07/20/46	1	1	0.83	262	174	0.67
07/21/46	1	1	1.32	274	198	0.72

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
07/22/46	0	1	1.86	314	210	0.67
07/23/46	0	0	4.41	374	242	0.65
07/24/46	0	0	8.11	371	228	0.61
07/25/46				339	193	0.57
07/26/46	6	19	3.19	358	205	0.57
07/27/46	11	22	2.02	335	195	0.58
07/28/46	23	32	1.39	306	202	0.66
07/29/46	26	27	1.06	262	189	0.72
07/30/46	23	29	1.26	180	149	0.83
07/31/46	21	23	1.09	138	136	0.98
08/01/46	12	16	1.31	79	87	1.11
08/02/46	6	10	1.76	48	69	1.45
08/03/46	3	7	1.98	26	46	1.76
08/04/46	1	3	2.10	10	25	2.54
08/05/46	1	1	1.03	17	44	2.54
08/06/46	0	0	1.27	50	75	1.50
08/07/46	0	0	2.25	70	92	1.32
08/08/46	0	0	3.52	109	102	0.94
08/09/46	0	0	6.62	151	112	0.75
08/10/46	0	0	9.95	175	113	0.64
08/11/46				152	108	0.71
08/12/46	1	7	9.95	159	102	0.64
08/13/46	13	36	2.68	136	93	0.68
08/14/46	28	60	2.12	160	108	0.67
08/15/46	50	67	1.34	148	94	0.64
08/16/46	65	66	1.01	145	86	0.59
08/17/46	60	55	0.91	139	88	0.64
08/18/46	38	47	1.23	141	91	0.65
08/19/46	33	45	1.36	134	110	0.82
08/20/46	12	21	1.73	149	126	0.84
08/21/46	6	11	2.00	213	150	0.70
08/22/46	3	4	1.48	264	186	0.70
08/23/46	1	3	2.26	322	210	0.65
08/24/46	1	1	1.36	294	177	0.60
08/25/46	0	0	2.67	276	152	0.55
08/26/46	0	0	4.60	263	144	0.55
08/27/46	3	12	4.43	204	124	0.61
08/28/46	8	19	2.49	146	99	0.68
08/29/46	12	23	1.83	96	72	0.75
08/30/46	21	27	1.26	105	76	0.73
08/31/46	23	25	1.09	92	63	0.69

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
09/01/46	22	25	1.11	69	51	0.74
09/02/46	18	21	1.18	63	50	0.78
09/03/46	11	15	1.41	40	37	0.91
09/04/46	5	10	1.85	30	27	0.89
09/05/46	2	5	2.14	23	27	1.17
09/06/46	1	1	0.59	24	25	1.05
09/07/46	0	0	0.97	30	30	0.98
09/08/46	0	0	1.63	37	34	0.91
09/09/46	0	0	2.56	41	40	0.97
09/10/46	0	0	5.39	50	35	0.71
09/11/46				59	50	0.85
09/12/46	2	17	7.00	81	65	0.79
09/13/46	14	41	2.88	104	63	0.61
09/14/46	28	51	1.82	110	75	0.68
09/15/46	50	68	1.35	154	87	0.57
09/16/46	58	66	1.14	153	90	0.59
09/17/46	67	72	1.09	135	81	0.60
09/18/46	69	74	1.07	110	72	0.65
09/19/46	70	68	0.97	90	59	0.66
09/20/46	99	79	0.80	62	51	0.83
09/21/46	85	83	0.98	42	38	0.90
09/22/46	87	74	0.85	39	46	1.18
09/23/46	106	102	0.97	45	42	0.94
09/24/46	108	90	0.84	55	49	0.89
09/25/46	115	105	0.92	66	56	0.85
09/26/46	120	118	0.98	78	56	0.71
09/27/46	113	104	0.93	87	70	0.80
09/28/46	103	96	0.93	108	80	0.74
09/29/46	114	116	1.02	146	98	0.67
09/30/46	125	113	0.91	134	82	0.62
10/01/46	104	106	1.02	146	90	0.62
10/02/46	90	75	0.84	133	85	0.64
10/03/46	72	67	0.94	152	100	0.66
10/04/46	63	54	0.86	191	130	0.68
10/05/46	59	46	0.78	216	135	0.62
10/06/46	50	40	0.81	216	128	0.59
10/07/46	51	39	0.76	223	134	0.60
10/08/46	40	31	0.78	236	140	0.59
10/09/46	32	34	1.07	212	114	0.54
10/10/46	40	48	1.20	227	147	0.65
10/11/46	45	49	1.08	212	138	0.65

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
10/12/46	71	60	0.85	219	128	0.59
10/13/46	65	58	0.89	200	141	0.71
10/14/46	72	49	0.67	183	162	0.89
10/15/46	73	58	0.79	244	173	0.71
10/16/46	74	54	0.73	319	195	0.61
10/17/46	55	42	0.77	316	191	0.61
10/18/46	48	42	0.87	333	211	0.63
10/19/46	44	41	0.95	286	185	0.55
10/20/46	58	71	1.22	268	169	0.63
10/21/46	79	86	1.09	212	144	0.68
10/22/46	131	118	0.90	137	105	0.76
10/23/46	103	101	0.98	91	87	0.96
10/24/46	103	110	1.07	48	56	1.15
10/25/46	78	89	1.14	28	40	1.42
10/26/46	62	84	1.37	17	30	1.74
10/27/46	70	89	1.27	38	65	1.69
10/28/46	81	100	1.23	61	66	1.10
10/29/46	87	91	1.04	106	100	0.95
10/30/46	87	91	1.04	120	108	0.90
10/31/46	82	77	0.95	150	141	0.94
11/01/46	80	77	0.96	212	168	0.79
11/02/46	79	66	0.83	238	185	0.78
11/03/46	65	56	0.86	242	180	0.75
11/04/46	36	39	1.07	232	180	0.78
11/05/46	24	30	1.27	186	145	0.78
11/06/46	18	26	1.42	148	139	0.94
11/07/46	6	18	2.99	72	84	1.18
11/08/46	13	40	3.04	80	98	1.22
11/09/46	24	57	2.39	107	100	0.93
11/10/46	58	80	1.39	117	96	0.82
11/11/46	80	82	1.03	125	99	0.79
11/12/46	73	75	1.03	126	94	0.74
11/13/46	70	72	1.02	87	73	0.83
11/14/46	64	73	1.13	91	79	0.87
11/15/46	61	58	0.96	64	94	1.46
11/16/46	78	69	0.88	114	142	1.25
11/17/46	74	57	0.77	191	215	1.12
11/18/46	78	56	0.72	212	205	0.96
11/19/46	56	47	0.83	267	211	0.79
11/20/46	41	44	1.08	243	184	0.76
11/21/46	24	27	1.10	206	157	0.76

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
11/22/46	13	18	1.41	209	158	0.76
11/23/46	10	15	1.57	141	129	0.92
11/24/46	12	18	1.46	189	175	0.92
11/25/46	18	23	1.28	200	182	0.91
11/26/46	20	26	1.31	191	166	0.87
11/27/46	31	40	1.30	201	153	0.76
11/28/46	40	55	1.37	194	154	0.79
11/29/46	49	57	1.17	262	162	0.62
11/30/46	75	70	0.92	231	154	0.66
12/01/46	69	66	0.95	199	149	0.75
12/02/46	64	68	1.06	140	110	0.79
12/03/46	71	72	1.02	100	88	0.88
12/04/46	82	73	0.89	46	58	1.27
12/05/46	88	73	0.88	35	48	1.36
12/06/46	85	76	0.90	27	41	1.54
12/07/46	69	61	0.89	32	52	1.60
12/08/46	53	50	0.95	54	65	1.21
12/09/46	42	51	1.21	84	77	0.92
12/10/46	35	45	1.30	100	88	0.88
12/11/46	65	76	1.18	102	82	0.80
12/12/46	67	84	1.26	123	85	0.69
12/13/46	76	91	1.20	95	73	0.76
12/14/46	116	103	0.88	84	64	0.76
12/15/46	108	107	0.99	97	71	0.73
12/16/46	107	99	0.92	85	67	0.79
12/17/46	94	77	0.82	83	60	0.73
12/18/46	87	81	0.93	60	54	0.91
12/19/46	51	63	1.24	57	47	0.83
12/20/46	67	63	0.94	30	30	0.99
12/21/46	61	56	0.93	14	19	1.36
12/22/46	59	54	0.91	6	10	1.71
12/23/46	72	58	0.80	3	5	1.73
12/24/46	64	57	0.88	1	1	0.77
12/25/46	55	56	1.01	1	1	1.08
12/26/46	73	84	1.15	0	0	2.02
12/27/46	78	87	1.11	0	0	3.74
12/28/46	100	90	0.90	2	11	5.00
12/29/46	118	99	0.84	26	39	1.49
12/30/46	114	98	0.86	38	44	1.16
12/31/46	98	88	0.90	60	57	0.95
01/01/47	93	82	0.88	76	62	0.82

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
01/02/47	82	71	0.87	91	69	0.75
01/03/47	74	71	0.96	95	61	0.65
01/04/47	92	70	0.76	98	58	0.59
01/05/47	72	65	0.90	65	50	0.77
01/06/47	79	65	0.83	86	78	0.91
01/07/47	63	59	0.93	94	87	0.93
01/08/47	53	47	0.88	132	112	0.85
01/09/47	42	49	1.17	174	120	0.69
01/10/47	50	57	1.14	198	127	0.64
01/11/47	75	86	1.14	196	132	0.67
01/12/47	87	93	1.07	177	121	0.69
01/13/47	91	80	0.88	117	101	0.86
01/14/47	96	88	0.92	81	64	0.79
01/15/47	85	88	1.04	50	50	1.01
01/16/47	103	75	0.73	37	50	1.36
01/17/47	80	72	0.90	39	53	1.37
01/18/47	85	72	0.85	56	67	1.19
01/19/47	58	60	1.04	77	79	1.03
01/20/47	79	76	0.97	132	107	0.81
01/21/47	69	63	0.92	192	116	0.61
01/22/47	80	63	0.79	185	124	0.67
01/23/47	79	63	0.80	159	102	0.64
01/24/47	77	69	0.89	140	94	0.67
01/25/47	72	57	0.79	141	93	0.66
01/26/47	61	49	0.81	120	83	0.69
01/27/47	47	44	0.94	127	101	0.80
01/28/47	40	42	1.04	123	87	0.71
01/29/47	40	33	0.81	128	88	0.69
01/30/47	40	34	0.87	140	104	0.74
01/31/47	34	32	0.94	131	91	0.69
02/01/47	33	34	1.01	107	82	0.77
02/02/47	39	36	0.91	95	79	0.83
02/03/47	53	53	1.00	87	62	0.71
02/04/47	59	56	0.95	70	59	0.85
02/05/47	68	61	0.91	66	79	1.21
02/06/47	42	49	1.17	66	81	1.23
02/07/47	46	53	1.14	82	103	1.25
02/08/47	52	60	1.15	102	93	0.91
02/09/47	58	48	0.82	106	110	1.04
02/10/47	62	61	0.99	92	111	1.20
02/11/47	83	55	0.66	114	99	0.87

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
02/12/47	60	51	0.85	101	98	0.97
02/13/47	63	54	0.85	93	77	0.83
02/14/47	52	51	1.00	93	85	0.92
02/15/47	60	59	0.98	66	79	1.18
02/16/47	71	67	0.95	76	77	1.01
02/17/47	51	66	1.30	90	78	0.86
02/18/47	54	59	1.10	94	71	0.76
02/19/47	40	50	1.26	77	58	0.75
02/20/47	55	69	1.25	72	55	0.76
02/21/47	41	52	1.27	53	47	0.89
02/22/47	53	55	1.03	40	47	1.16
02/23/47	57	61	1.08	33	38	1.15
02/24/47	62	60	0.96	46	50	1.08
02/25/47	62	67	1.09	68	54	0.79
02/26/47	66	50	0.75	77	55	0.72
02/27/47	65	58	0.90	89	72	0.81
02/28/47	63	57	0.89	89	77	0.86
03/01/47	79	65	0.82	134	101	0.76
03/02/47	96	82	0.85	132	102	0.78
03/03/47	91	72	0.79	163	127	0.78
03/04/47	102	82	0.81	167	123	0.74
03/05/47	82	84	1.02	160	129	0.80
03/06/47	91	92	1.01	118	110	0.93
03/07/47	91	77	0.85	101	94	0.93
03/08/47	97	71	0.73	119	89	0.75
03/09/47	91	79	0.87	84	76	0.90
03/10/47	77	66	0.86	72	67	0.93
03/11/47	70	61	0.86	69	81	1.17
03/12/47	49	47	0.96	68	91	1.33
03/13/47	54	52	0.95	93	108	1.16
03/14/47	47	55	1.17	104	113	1.09
03/15/47	71	53	0.76	111	110	0.99
03/16/47	69	57	0.82	123	107	0.87
03/17/47	68	58	0.85	126	93	0.74
03/18/47	73	57	0.78	113	90	0.80
03/19/47	63	64	1.01	130	101	0.77
03/20/47	59	57	0.98	92	75	0.82
03/21/47	78	68	0.87	78	69	0.89
03/22/47	82	60	0.73	55	55	0.99
03/23/47	82	61	0.74	58	54	0.93
03/24/47	64	55	0.86	49	49	1.00

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
03/25/47	62	50	0.80	64	59	0.92
03/26/47	61	53	0.87	61	61	0.99
03/27/47	39	42	1.07	69	58	0.85
03/28/47	42	42	0.99	73	56	0.77
03/29/47	42	39	0.92	54	51	0.94
03/30/47	39	58	1.48	76	59	0.77
03/31/47	70	59	0.84	73	54	0.74
04/01/47	54	54	1.01	62	49	0.79
04/02/47	51	48	0.94	64	50	0.78
04/03/47	43	47	1.09	44	34	0.79
04/04/47	41	43	1.07	39	33	0.86
04/05/47	38	41	1.08	27	26	0.98
04/06/47	35	36	1.03	19	23	1.20
04/07/47	42	40	0.96	26	25	0.96
04/08/47	28	30	1.10	28	30	1.08
04/09/47	20	26	1.29	39	31	0.78
04/10/47	12	19	1.61	42	30	0.71
04/11/47	7	18	2.55	36	31	0.87
04/12/47	12	30	2.44	41	31	0.75
04/13/47	24	39	1.66	35	24	0.70
04/14/47	42	56	1.33	33	23	0.72
04/15/47	51	61	1.19	32	25	0.80
04/16/47	47	52	1.11	27	24	0.88
04/17/47	41	45	1.09	25	23	0.90
04/18/47	43	50	1.16	26	25	0.94
04/19/47	49	51	1.04	25	22	0.88
04/20/47	41	41	1.01	26	22	0.84
04/21/47	33	38	1.17	28	26	0.93
04/22/47	39	37	0.95	29	26	0.87
04/23/47	39	41	1.05	37	34	0.92
04/24/47	36	34	0.92	30	27	0.89
04/25/47	26	26	1.00	34	28	0.83
04/26/47	28	28	1.00	43	32	0.75
04/27/47	15	19	1.22	32	24	0.77
04/28/47	13	16	1.17	24	21	0.86
04/29/47	9	12	1.40	20	18	0.88
04/30/47	3	7	2.02	14	12	0.87
05/01/47	2	6	3.22	10	12	1.15
05/02/47	7	15	2.14	10	12	1.14
05/03/47	13	21	1.62	14	23	1.60
05/04/47	16	21	1.35	16	20	1.24

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
05/05/47	20	21	1.08	29	31	1.06
05/06/47	30	26	0.85	34	39	1.15
05/07/47	31	23	0.73	35	38	1.08
05/08/47	29	26	0.88	46	46	1.00
05/09/47	28	23	0.81	57	46	0.79
05/10/47	35	34	0.96	68	51	0.76
05/11/47	48	43	0.90	66	51	0.77
05/12/47	69	50	0.73	57	43	0.76
05/13/47	60	41	0.68	59	40	0.68
05/14/47	62	45	0.73	56	40	0.72
05/15/47	53	37	0.70	46	37	0.81
05/16/47	46	39	0.83	37	31	0.84
05/17/47	36	35	0.97	33	31	0.96
05/18/47	39	33	0.84	44	32	0.72
05/19/47	40	33	0.83	45	34	0.77
05/20/47	37	30	0.82	45	30	0.68
05/21/47	24	22	0.92	45	35	0.77
05/22/47	19	19	1.00	28	28	0.99
05/23/47	11	14	1.26	38	38	1.02
05/24/47	7	11	1.55	44	37	0.84
05/25/47	8	18	2.22	50	37	0.74
05/26/47	11	18	1.62	37	33	0.87
05/27/47	22	29	1.29	38	34	0.88
05/28/47	28	30	1.08	26	27	1.03
05/29/47	30	28	0.95	36	34	0.94
05/30/47	42	33	0.79	35	36	1.03
05/31/47	36	26	0.73	38	35	0.94
06/01/47	34	29	0.86	56	47	0.85
06/02/47	37	26	0.71	43	37	0.86
06/03/47	32	24	0.74	38	28	0.74
06/04/47	37	28	0.76	26	24	0.94
06/05/47	34	25	0.73	20	23	1.17
06/06/47	27	24	0.90	14	18	1.26
06/07/47	25	27	1.06	15	17	1.12
06/08/47	22	21	0.94	17	18	1.08
06/09/47	19	18	0.98	22	20	0.93
06/10/47	22	18	0.82	13	16	1.24
06/11/47	14	15	1.06	12	21	1.73
06/12/47	14	14	0.97	22	29	1.35
06/13/47	12	12	1.06	31	36	1.18
06/14/47	13	13	1.00	41	37	0.91

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
06/15/47	11	11	1.04	40	33	0.83
06/16/47	15	13	0.86	51	37	0.73
06/17/47	14	13	0.95	46	34	0.73
06/18/47	13	13	0.97	45	35	0.79
06/19/47	11	12	1.08	42	37	0.87
06/20/47	13	11	0.84	38	32	0.85
06/21/47	10	11	1.07	41	32	0.79
06/22/47	10	11	1.04	37	32	0.87
06/23/47	12	13	1.06	47	34	0.73
06/24/47	15	17	1.14	41	32	0.77
06/25/47	21	21	0.99	30	23	0.78
06/26/47	25	20	0.82	20	22	1.07
06/27/47	26	21	0.79	12	15	1.24
06/28/47	24	19	0.79	12	13	1.11
06/29/47	21	19	0.87	13	13	1.05
06/30/47	16	15	0.96	11	11	1.04
07/01/47	13	13	0.96	14	13	0.92
07/02/47	13	13	1.01	11	12	1.09
07/03/47	11	12	1.06	12	13	1.09
07/04/47	9	10	1.15	14	15	1.05
07/05/47	10	12	1.19	13	14	1.06
07/06/47	10	14	1.42	15	14	0.91
07/07/47	10	17	1.64	13	13	1.04
07/08/47	14	18	1.26	15	14	0.94
07/09/47	22	24	1.09	17	13	0.77
07/10/47	27	22	0.80	20	14	0.70
07/11/47	30	24	0.81	16	12	0.75
07/12/47	22	19	0.88	21	16	0.75
07/13/47	27	24	0.90	19	15	0.76
07/14/47	26	23	0.90	23	23	0.99
07/15/47	27	19	0.73	28	30	1.06
07/16/47	21	20	0.94	41	30	0.73
07/17/47	24	19	0.77	38	30	0.80
07/18/47	23	17	0.73	47	36	0.76
07/19/47	16	14	0.84	40	34	0.85
07/20/47	16	14	0.90	42	33	0.79
07/21/47	13	14	1.05	53	36	0.69
07/22/47	14	14	0.99	42	25	0.59
07/23/47	13	11	0.84	38	26	0.68
07/24/47	14	13	0.92	30	27	0.89
07/25/47	14	14	1.03	26	21	0.81

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
07/26/47	16	15	0.93	26	21	0.81
07/27/47	16	13	0.81	28	21	0.73
07/28/47	14	15	1.06	28	22	0.77
07/29/47	17	15	0.90	27	20	0.72
07/30/47	16	15	0.89	25	18	0.72
07/31/47	18	13	0.71	20	15	0.77
08/01/47	16	13	0.77	16	13	0.78
08/02/47	13	12	0.93	10	10	1.01
08/03/47	10	9	0.86	7	8	1.11
08/04/47	5	6	1.17	3	5	1.39
08/05/47	3	5	1.37	2	4	1.84
08/06/47	2	6	2.59	2	5	2.17
08/07/47	2	6	2.69	3	6	1.90
08/08/47	5	10	1.97	5	7	1.43
08/09/47	8	11	1.34	7	7	0.95
08/10/47	12	13	1.13	6	7	1.11
08/11/47	17	14	0.86	6	6	0.97
08/12/47	18	16	0.88	5	5	1.13
08/13/47	14	12	0.84	4	5	1.09
08/14/47	12	12	0.99	4	5	1.18
08/15/47	10	9	0.91	5	6	1.08
08/16/47	9	9	1.06	5	5	1.14
08/17/47	10	11	1.15	3	4	1.17
08/18/47	8	8	1.04	2	3	1.45
08/19/47	12	11	0.94	2	3	1.58
08/20/47	13	11	0.79	2	3	1.45
08/21/47	12	10	0.88	3	4	1.52
08/22/47	9	9	0.98	5	5	1.12
08/23/47	11	10	0.88	6	7	1.11
08/24/47	11	8	0.78	7	8	1.10
08/25/47	8	9	1.12	9	8	0.91
08/26/47	7	7	0.97	12	10	0.83
08/27/47	6	6	1.09	10	8	0.80
08/28/47	4	5	1.25	10	8	0.75
08/29/47	2	3	1.84	11	9	0.82
08/30/47	2	5	2.50	8	6	0.75
08/31/47	3	6	2.15	7	6	0.91
09/01/47	4	8	1.72	6	6	0.93
09/02/47	8	10	1.22	5	6	1.24
09/03/47	13	13	1.04	7	6	0.88
09/04/47	16	12	0.78	6	6	0.99

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
09/05/47	16	13	0.79	6	5	0.87
09/06/47	13	11	0.82	4	5	1.13
09/07/47	9	9	0.99	4	5	1.23
09/08/47	10	10	0.97	5	5	1.07
09/09/47	9	8	0.89	5	5	1.08
09/10/47	7	7	1.00	5	5	0.99
09/11/47	5	7	1.31	4	4	1.15
09/12/47	5	6	1.12	4	5	1.12
09/13/47	6	6	1.02	3	3	1.13
09/14/47	5	5	0.97	4	3	0.93
09/15/47	6	6	1.00	3	3	0.98
09/16/47	7	6	0.92	2	3	1.07
09/17/47	7	5	0.74	2	2	1.22
09/18/47	7	7	0.92	1	2	1.44
09/19/47	8	6	0.78	1	2	1.39
09/20/47	7	6	0.86	2	2	1.31
09/21/47	7	5	0.72	2	2	1.00
09/22/47	7	6	0.86	2	2	1.20
09/23/47	7	5	0.78	2	3	1.44
09/24/47	5	4	0.75	3	4	1.22
09/25/47	5	4	0.87	4	5	1.20
09/26/47	4	3	0.82	6	5	0.88
09/27/47	4	3	0.81	6	6	1.10
09/28/47	5	4	0.96	6	6	0.89
09/29/47	4	5	1.09	4	5	1.15
09/30/47	6	5	0.85	4	5	1.08
10/01/47	6	5	0.81	4	5	1.13
10/02/47	4	4	1.04	6	6	1.10
10/03/47	3	3	1.05	7	6	0.94
10/04/47	2	3	1.36	7	6	0.78
10/05/47	2	2	1.51	8	7	0.82
10/06/47	3	3	1.33	5	4	0.82
10/07/47	3	3	1.13	5	4	0.80
10/08/47	4	4	1.08	4	4	1.02
10/09/47	4	4	0.99	4	4	0.98
10/10/47	4	4	1.00	3	2	0.85
10/11/47	5	4	0.88	3	2	0.95
10/12/47	5	4	0.79	3	4	1.18
10/13/47	6	5	0.86	4	5	1.28
10/14/47	6	5	0.86	4	5	1.27
10/15/47	7	5	0.70	5	5	0.98

TABLE 7.3. (contd)

Date	-----T Plant-----			-----B Plant-----		
	Released I-131 Ci	Std. Dev.	Coef. of Var.	Released I-131 Ci	Std. Dev.	Coef. of Var.
10/16/47	6	4	0.69	5	6	1.08
10/17/47	6	5	0.94	6	5	0.92
10/18/47	7	6	0.90	5	5	0.96
10/19/47	7	7	0.93	5	5	0.95
10/20/47	8	7	0.86	4	4	1.09
10/21/47	9	8	0.83	4	4	0.99
10/22/47	9	7	0.74	2	3	1.19
10/23/47	8	7	0.86	3	3	1.15
10/24/47	9	7	0.77	3	3	1.08
10/25/47	6	5	0.89	3	3	0.92
10/26/47	6	5	0.93	4	3	0.87
10/27/47	5	5	0.96	3	3	1.02
10/28/47	6	6	1.02	4	3	0.77
10/29/47	5	5	0.97	3	3	0.89
10/30/47	5	5	0.98	4	3	0.84
10/31/47	7	6	0.82	4	3	0.78
11/01/47	5	5	0.91	5	3	0.74
11/02/47	5	5	1.05	4	3	0.77
11/03/47	6	5	0.79	3	2	0.77
11/04/47	4	4	0.95	2	2	1.13
11/05/47	4	3	0.94	1	2	1.17
11/06/47	3	3	0.92	1	1	1.32
11/07/47	1	2	1.35	0	1	1.77
11/08/47	1	2	1.61	0	0	0.64
Totals	299076			386359		
	Total for T and B			685435		

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