



Commonwealth Edison
LaSalle County Nuclear Station
Rural Route #1, Box 220
Marseilles, Illinois 61341
Telephone 815/357-6761

LRP-1110-3
Revision 2
August 6, 1985
17

PRIORITY ROUTING

FILE *llc*

ATTACHMENT B

August 27, 1986

Mr. James G. Keppler
Regional Administrator
Directorate of Inspection and Enforcement
Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

SUBJECT: LaSalle County Station Operation Report, NRC Docket Nos. 50-373
and 50-374

Dear Mr. Keppler:

Enclosed is Part 1 of the LaSalle County Station Operating Report, reporting radioactive effluents for January through June. Also enclosed is a letter explaining the Unit One Residual Heat Removal Service Water System Process Radiation Monitor (PRM) time clock expiration reported in accordance with Technical Specification 3.3.7.10.b. Table I of this report presents a summary of water analyses from sub-surface water pumped from a test well into the cooling pond in order to lower the water level in the adjacent caisson, dug in connection with the May 27, 1985 HPCS line break event.

One copy of this report is provided for your use and 39 copies are being submitted directly to Mr. D. Eisenhut, Deputy Director of the Office of Nuclear Reactor Regulation.

Sincerely yours,

R.D. Bishop
for G.J. Diederich
Station Manager
LaSalle County Station

GJD/LRA/MJV/DRP/jdp

xc: R. Romito, TSN

SEP 2 1986

8609090020 860827
PDR ADDCK 05000373
R PDR

TABLE I

Summary of Discharged Sub-Surface Water Analyses

DATE	Mn-54	Co-60	Co-58	Total % MPC _w
1-1-86	4.9E-8	7.8E-8	< 4.1E-8 *	3.1E-1
1-2-86	3.0E-7	1.6E-7	2.0E-6	3.1E-0
1-3-86	1.0E-7	1.3E-7	< 4.1E-8 *	5.3E-1
1-4-86	7.6E-8	7.9E-8	< 4.1E-8 *	3.4E-1
1-5-86	1.3E-7	1.0E-7	< 4.1E-8 *	4.6E-1
1-6-86	6.9E-8	1.3E-7	< 4.1E-8 *	5.0E-1
1-7-86	< 6.8E-8 *	9.4E-8	< 4.1E-8 *	3.1E-1
1-8-86	1.1E-7	1.2E-7	< 4.1E-8 *	5.1E-1
1-9-86	5.8E-8	9.9E-8	< 4.1E-8 *	3.9E-1
1-10-86	< 6.8E-8 *	5.9E-8	< 4.1E-8 *	2.0E-1
1-11-86	< 6.8E-8 *	8.3E-8	< 4.1E-8 *	2.8E-1
1-12-86	6.1E-8	8.8E-8	< 4.1E-8 *	3.5E-1
1-13-86	5.6E-8	9.9E-8	< 4.1E-8 *	3.9E-1
1-14-86	8.1E-8	1.2E-7	< 4.1E-8 *	4.8E-1
1-15-86	2.3E-7	2.6E-7	< 4.1E-8 *	1.1E-0
1-16-86	1.3E-7	1.2E-7	< 4.1E-8 *	5.3E-1
1-17-86	1.2E-7	1.6E-7	< 4.1E-8 *	6.5E-1
1-18-86	1.6E-7	1.8E-7	< 4.1E-8 *	7.6E-1
1-19-86	9.5E-8	1.9E-7	< 4.1E-8 *	7.3E-1
1-20-86	1.3E-7	1.2E-7	< 4.1E-8 *	5.3E-1
1-21-86	1.4E-7	9.6E-8	< 4.1E-8 *	4.6E-1
1-22-86	1.2E-7	1.5E-7	< 4.1E-8 *	6.2E-1
1-23-86	8.9E-8	1.2E-7	< 4.1E-8 *	4.9E-1
1-24-86	1.5E-7	1.5E-7	< 4.1E-8 *	6.5E-1
1-25-86	1.2E-7	1.2E-7	< 4.1E-8 *	5.2E-1
1-26-86	2.1E-7	1.6E-7	< 4.1E-8 *	7.4E-1
1-27-86	1.4E-7	1.3E-7	< 4.1E-8 *	5.7E-1
1-28-86	7.2E-8	1.0E-7	< 4.1E-8 *	4.1E-1
1-29-86	7.6E-8	1.3E-7	< 4.1E-8 *	5.1E-1
1-30-86	1.7E-7	1.6E-7	< 4.5E-8 *	7.0E-1
1-31-86 to 5-29-86+	N/A	N/A	N/A	N/A
5-30-86	2.6E-7	3.8E-7	< 4.1E-8 *	1.53E0

No samples taken between 1-31-86 through 6-29-86 because no water was discharged from the affected area.

* Activity of sample is less than Lower Limit of detectability given.

ATTACHMENT A

LRP-1110-3
Revision 2
August 6, 1985
4

REPORT OF RADIOACTIVE EFFLUENTS

FACILITY: LASALLE COUNTY NPS UNIT 1 & 2 DOCKET NOS.: 50-373, 50-374

YEAR: 86

I. Gaseous Effluents	UNITS	JAN	FEB	MAR	1ST QTR TOT	APR	MAY	JUN	2ND QTR TOT	6 MO TOTAL
1. Gross Radioactivity Release										
a. Noble Gas Release										
Main Stack	Curies	2.9E2	4.7E2	8.6E2	1.6E3	1.1E3	2.3E2	5.0E-1	1.3E3	2.9E3
b. Maximum Release Rate (grab sample)	uCi/sec	5.1E2	1.9E2	2.0E3	2.0E3	9.2E2	1.9E2	5.1E-3	9.2E2	9.2E2
c. Isotopes Released										
Kr-85m	Curies	8.1E1	8.9E1	1.1E2	2.8E2	8.5E1	1.9E1	---	1.0E2	3.8E2
Kr-87	Curies	5.9E0	1.2E1	<6.1E-8+	1.8E1	<6.1E-8+	9.7E-3	<6.1E-8+	9.7E-3	1.8E1
Kr-88	Curies	1.2E2	9.4E1	1.9E2	4.0E2	1.3E2	4.7E1	<6.5E-8+	1.8E2	5.8E2
Xe-131m	Curies	---	1.1E-1	6.0E-1	7.1E-1	---	---	---	---	7.1E-1
Xe-133	Curies	8.1E1	2.4E2	4.8E2	8.0E2	2.9E2	1.0E2	4.7E-1	3.9E2	1.2E3
Xe-133m	Curies	---	5.3E-2	---	5.3E-2	---	1.4E-2	---	1.4E-2	6.7E-2
Xe-135	Curies	1.2E-2	3.9E1	5.1E1	9.0E1	5.7E2	5.9E1	3.4E-2	6.3E2	7.2E2
Xe-135m	Curies	<2.8E-8+	<2.8E-8+	3.2E1	3.2E1	<2.8E-8+	7.5E0	<2.8E-8+	7.5E0	4.0E1
Ar-41	Curies	4.1E0	4.2E-1	9.8E-3	4.5E0	6.6E-4	5.3E-6	---	6.7E-4	4.5E0
d. Percent of Stack Limit	%	2.0E-1	1.7E-1	3.3E-1	6.9E-1	3.0E-1	8.6E-2	1.5E-5	3.9E-1	1.1E0
e. Average Release Rate	uCi/sec	1.1E2	1.9E2	3.2E2	2.1E2	4.2E2	8.6E1	2.0E-1	3.7E2	3.7E2
2. Main Stack Iodine Release										
a. Isotopes Released										
I-131	Curies	<2.6E-12+	5.4E-2	4.2E-3	5.8E-2	5.8E-4	2.3E-3	1.6E-4	3.0E-3	6.1E-2
I-132	Curies	---	---	5.5E-4	5.5E-4	---	4.2E-4	---	4.2E-4	9.7E-4
I-133	Curies	1.0E-1	2.1E-4	1.7E-3	1.0E-1	1.7E-3	1.2E-3	1.3E-4	3.0E-3	1.0E-1
I-134	Curies	3.8E-3	---	---	3.8E-3	---	3.9E-4	---	3.9E-4	4.2E-3
I-135	Curies	5.9E-4	4.7E-4	---	1.1E-3	---	4.4E-4	---	4.4E-4	1.5E-3
b. Percent of Stack Limit	%	5.1E-3	1.3E-2	1.1E-3	1.9E-2	2.3E-4	6.3E-4	4.6E-5	8.9E-4	2.0E-2
c. Average Release Rate	uCi/sec	3.7E-2	2.3E-2	2.4E-3	2.1E-2	8.9E-4	1.8E-3	1.1E-4	9.4E-4	1.1E-2

*Data to be presented in an errata to this report.

+Activity of each sample is less than LLD given (uCi/cc).

ATTACHMENT A

LRP-1110-3
Revision 2
August 6, 1985
6

REPORT OF RADIOACTIVE EFFLUENTS

FACILITY: LASALLE COUNTY NPS UNIT 1 & 2 DOCKET NOS.: 50-373, 50-374

YEAR: 86

I. Gaseous Effluents(Cont)	UNITS	JAN	FEB	MAR	1ST QTR TOT	APR	MAY	JUN	2ND QTR TOT	6 MO TOTAL
3. Main Stack Particulate Release										
a. Gross Radioactivity (B-)	milli-curies	6.6E1	3.3E3	5.6E1	3.5E3	7.2E1	3.3E1	9.8E-1	1.1E2	3.6E3
b. Gross Alpha Radioactivity	mCi	2.0E-9	<4.0E-9+	<2.0E-6+	2.0E-9	5.0E-9	*	*	*	*
c. Isotopes Released										
Mn-54	mCi	1.4E-1	4.8E-1	1.4E-1	7.6E-1	7.0E-2	7.9E-2	2.6E-1	4.1E-1	1.2E0
Co-58	mCi	<1.3E-12+	<1.3E-12+	<1.3E-12+	---	<1.3E-12+	<1.3E-12+	<1.3E-12+	---	---
Fe-59	mCi	<2.4E-12+	<2.4E-12+	<2.4E-12+	---	<2.4E-12+	<2.4E-12+	<2.4E-12+	---	---
Co-60	mCi	1.4E-1	2.7E-1	1.5E-1	5.6E-1	1.7E-1	6.0E-1	7.1E-1	1.5E0	2.1E0
Zn-65	mCi	<3.1E-12+	<3.1E-12+	<3.1E-12+	---	<3.1E-12+	<3.1E-12+	<3.1E-12+	---	---
Sr-89	mCi	1.1E-8	<7.0E-9+	<7.0E-9+	1.1E-8	3.1E-8	*	*	*	*
Sr-90	mCi	<4.0E-9+	6.0E-6	<5.0E-9+	6.0E-6	9.0E-9	*	*	*	*
Zr-95	mCi	---	---	---	---	---	---	---	---	---
Nb-95	mCi	---	---	---	---	---	---	---	---	---
BR-82	mCi	---	---	---	---	---	---	7.8E-4	7.8E-4	7.8E-4
Ag-110m	mCi	---	---	---	---	---	---	9.3E-3	9.3E-3	9.3E-3
Sb-124	mCi	---	---	---	---	---	---	---	---	---
Cs-134	mCi	<1.4E-12+	<1.4E-12+	<1.4E-12+	---	<1.4E-12+	<1.4E-12+	<1.4E-12+	---	---
Cs-136	mCi	---	---	---	---	---	---	---	---	---
Cs-137	mCi	<1.8E-12+	<1.8E-12+	<1.8E-12+	---	<1.8E-12+	<1.8E-12+	<1.8E-12+	---	---
Na24	mCi	---	---	---	---	2.8E-1	1.5E-1	---	4.3E-1	4.3E-1
Ce-141	mCi	<2.3E-12+	<2.3E-12+	<2.3E-12+	---	<2.3E-12+	<2.3E-12+	<2.3E-12+	---	---
Ce-144	mCi	<8.5E-12+	<8.5E-12+	<8.5E-12+	---	<8.5E-12+	<8.5E-12+	<8.5E-12+	---	---
Se-75	mCi	3.8E-2	---	---	3.8E-2	---	---	---	---	3.8E-2
Cs-138	mCi	1.6E1	3.1E1	2.7E1	7.4E1	---	2.0E0	---	2.0E0	7.6E1
F-18	mCi	5.0E1	3.3E3	2.9E1	3.4E3	7.1E1	3.0E1	---	1.0E2	3.5E3
Rb-88	mCi	---	8.3E-2	---	8.3E-2	---	---	---	---	8.3E-2
Ni-65	mCi	---	---	---	---	2.6E-1	---	---	2.6E-1	2.6E-1
Sb-122	mCi	---	---	---	---	1.6E-1	---	---	1.6E-1	1.6E-1

*Data to be presented in an errata to this report.

+Activity of each sample is less than LLD given (uCi/cc).

REPORT OF RADIOACTIVE EFFLUENTS

ATTACHMENT A

LRP-1110-3
Revision 2
August 6, 1985
8

FACILITY: LASALLE COUNTY NPS UNIT 1 & 2 DOCKET NOS.: 50-373, 50-374

YEAR: 86

I. Gaseous Effluents(Cont)	UNITS	JAN	FEB	MAR	1ST QTR TOT	APR	MAY	JUN	2ND QTR TOT	6 MO TOTAL
3. Main Stack Particulate Release										
d. Percent Main Stack Limit	%	1.6E-3	3.3E-3	1.7E-3	6.6E-3	1.9E-3	6.6E-3	7.9E-3	1.7E-2	2.4E-2
e. Average Release Rate	uCi/sec	2.5E-2	1.4E0	2.1E-2	4.5E-1	2.8E-2	1.2E-2	3.8E-4	1.5E-2	1.1E1
4. Sum of Iodine and Particulate	Curies	1.7E-1	3.4E0	6.3E-2	3.6E0	7.4E-2	3.8E-2	1.3E-3	1.3E-1	3.7E0
a. Percent Main Stack Limit	%	6.5E-3	1.6E-2	2.8E-3	2.5E-2	2.1E-3	7.2E-3	7.9E-3	1.7E-2	4.3E-2
5. Gaseous Tritium										
a. Release	Curies	3.0E-1	1.1E0	1.2E-1	1.5E0	1.0E0	6.3E-1	1.8E-1	1.8E0	3.3E0
b. Average Release Rate	uCi/sec	1.1E-1	4.5E-1	4.5E-2	1.9E-1	3.9E-1	2.4E-1	6.9E-2	2.3E-1	2.1E-1
c. Percent Tech Spec Limit	%	4.0E-4	1.5E-3	1.6E-4	2.0E-3	1.3E-3	8.4E-4	2.4E-4	2.4E-3	4.4E-3

*Data to be presented in an errata to this report.

+Activity of each sample is less than LLD given (uCi/cc).

ATTACHMENT A

LRP-1110-3
Revision 2
August 6, 1985
10

REPORT OF RADIOACTIVE EFFLUENTS

FACILITY: LASALLE COUNTY NPS UNIT 1 & 2 DOCKET NOS.: 50-373, 50-374

YEAR: 86

II. Liquid Effluents(Cont)	UNITS	JAN	FEB	MAR	1ST QTR TOT	APR	MAY	JUN	2ND QTR TOT	6 MO TOTAL
1. Gross Radioactivity (B-)		None	None	None	None	None	None	None	None	None
a. Total Release	Curies	Released	Released	Released	Released	Released	Released	Released	Released	Released
b. Avg. Conc. Released	uCi/ml	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
c. Max. Conc. Released	uCi/ml	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d. Percent of Tech Spec	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2. Tritium		None	None	None						
a. Total Release	Curies	Released	Released	Released	N/A	N/A	N/A	N/A	N/A	N/A
b. Avg. Conc. Released	uCi/ml	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
c. Percent of Tech Spec	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3. Dissolved Noble Gases		None	None	None						
a. Total Release	Curies	Released	Released	Released	N/A	N/A	N/A	N/A	N/A	N/A
b. Avg. Conc. Released	uCi/ml	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
c. Percent of Tech Spec	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4. Gross Alpha Radioactivity		None	None	None						
a. Total Release	Curies	Released	Released	Released	N/A	N/A	N/A	N/A	N/A	N/A
b. Avg. Conc. Released	uCi/ml	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5. Volume of Liquid Waste	Liters	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A
6. Volume of Dilution Water	Liters	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A

*Data to be presented in an errata to this report.

+Activity of each sample is less than LLD given (uCi/cc).

ATTACHMENT A

LRP-1110-3
Revision 2
August 6, 1985
14

REPORT OF RADIOACTIVE EFFLUENTS

FACILITY: LASALLE COUNTY NPS UNIT 1 & 2 DOCKET NOS.: 50-373, 50-374

YEAR: 86

III. Solid Waste Shipped
Offsite for Burial
or Disposal

	UNITS	JAN	FEB	MAR	1ST QTR TOT	APR	MAY	JUN	2ND QTR TOT	6 MO TOTAL
1. Spent Resins, Filter Sludges, Evaporator Bottoms, etc.										
a. Quantity Shipped	Cu. meters	5.9E1	4.8E1	3.0E1	1.4E2	2.1E1	2.7E1	3.1E1	7.9E1	2.2E2
b. Type of Waste		EB&SR	EB&SR	EB&SR	EB&SR	Eb, Sr, Diat. Earth		EB		
c. Activity - Total Measured	Curies	3.4E1	5.5E1	4.2E1	1.3E2	2.4E2	4.5E2	3.3E1	7.2E2	8.5E2
d. Principle Nuclides Measured/%										
Mn-54	%	32	32	32	32	32	32	32	32	32
Cr-51	%	22	22	22	22	22	22	22	22	22
Co-60	%	19	19	19	19	19	19	19	19	19
e. Type of Container (LSA, Type A, Type B, Lge Quantity)		LSA	LSA	LSA	LSA	LSA	LSA	LSA	LSA	LSA
Container Volume	Cu. meters	2.1E-1	2.1E-1	2.1E-1	2.1E-1	2.1E-1	2.1E-1	2.1E-1	2.1E-1	2.1E-1
f. Solidification Agent		Cement	Cement	Cement	Cement	Cement	Cement	Cement	Cement	Cement
2. Dry Compressible Waste, Contaminated Equipment, etc.										
a. Quantity Shipped	Cu. meters	1.7E1	3.6E1	1.7E1	7.0E1	1.8E1	3.6E1	1.9E1	7.3E1	1.4E2
b. Activity - Total Measured	Curies	2.1E-1	1.5E0	1.6E-1	2.0E0	4.1E-1	1.0E0	3.2E-1	1.7E0	3.7E0
c. Principle Nuclides Measured/%										
Mn-54	%	28	31	28	---	30	30	30	---	---
Cr-51	%	28	21	22	---	20	20	20	---	---
Co-60	%	16	19	28	---	20	20	20	---	---
d. Type of Container (LSA, Type A, Type B, Lge Quantity)		LSA	LSA	LSA	LSA	LSA	LSA	LSA	LSA	LSA
Container Volume	Cu. meters	2.1E-1	2.9E1	2.2E-1	2.1E-1	2.1E-1	2.1E-1	2.1E-1	2.1E-1	2.1E-1
e. Type of Waste		DAW	DAW	DAW	DAW	DAW	DAW	DAW	DAW	DAW

LRP-1110-3
Revision 2
August 6, 1985
16

	DISPOSITION OF MATERIAL		Type of	Type of	Solidifi-	Principle	Shipment	Shipment	Volume	Activity
DATE	TRANS CO.	BURIAL SITE	Waste	Container	cation Agent	Nuclides	Volume (ft3)	Activity (mCi)	Per Month (ft3)	Per Month (mCi)
6JAN86	HN	RWA	EB	LSA	Cement	Mn54	180	2554.73	180	2554.73
9JAN86	HN	RWA	EB	LSA	Cement	Co60	180	3090.39	360	5645.12
16JAN86	TSMT	RWA	DAW	DOT 17H	N/A	Fe55	585	219.81	945	5864.93
20JAN86	HN	BSC	EB	LSA	Cement	Fe59	180	2706.85	1530	8571.78
22JAN86	HN	BSC	EB	LSA	Cement	Co58	180	2615.05	1710	11186.83
24JAN86	HN	RWA	EB & SR	LSA	Cement	Cr51	105	8682.14	1815	19868.97
27JAN86	HN	BSC	EB	LSA	Cement	Zn65	180	2721.13	1995	22590.1
30JAN86	HN	BSC	SR	LSA	Cement	Ni63	105	11814.53	2100	34404.63

H-3

C-14

RWA - Richland, Washington
 BSC - Barnwell, South Carolina
 CN - Chem Nuclear Co.
 HN - Hittman Nuclear & Development Co.
 TSMT - Tri-State Motor Transit

ATTACHMENT A
REPORT OF RADIOACTIVE WASTE SUMMARY
 UNITS 1/2
 LASALLE COUNTY NUCLEAR POWER STATION

LRP-1110-3
 Revision 2
 August 6, 1985
 16

DATE	DISPOSITION OF MATERIAL		Type of Waste	Type of Container	Solidifi- cation Agent	Principle Nuclides	Shipment Volume (ft3)	Shipment Activity (mCi)	Volume Per Month (ft3)	Activity Per Month (mCi)
	TRANS CO.	BURIAL SITE								
3FEB86	HN	BSC	EB&SR	LSA	Cement	Mn54	180	3411.78	180	3411.78
4FEB86	HN	BSC	EB&DAW	LSA	Cement	Fe55	180	2082.19	360	5493.97
6FEB86	HN	BSC	EB	LSA	Cement	Co58	105	3839.01	540	9332.98
7FEB86	HACKE	BSC	EB&DAW	LSA	Cement	Fe59	584.2	721.06	1124.2	10054.04
7FEB86	HN	BSC	EB	LSA	Cement	Co60	105	3839.15	1229.2	13893.19
10FEB86	HN	BSC	EB&DAW	LSA	Cement	Ni63	180	3456.36	1409.2	17349.55
13FEB86	HN	BSC	EB	LSA	Cement	Zn65	105	4239.55	1514.2	21589.1
14FEB86	HN	BSC	EB	LSA	Cement	TC99	105	4417.31	1619.2	26006.41
14FEB86	HN	BSC	EB	LSA	Cement	H 3	105	4155.23	1724.2	30161.64
18FEB86	HN	BSC	EB	LSA	Cement	C 14	105	3970.15	1829.2	34131.79
19FEB86	HN	BSC	EB	LSA	Cement	Cr51	105	4297.24	1934.2	38429.03
20FEB86	HN	BSC	EB	LSA	Cement		105	4460.03	2039.2	42889.06
21FEB86	HN	BSC	EB	LSA	Cement		105	4274.53	2144.2	47163.59
24FEB86	HN	BSC	EB	LSA	Cement		105	4765.10	2249.2	51928.69
25FEB86	HN	BSC	EB	LSA	Cement		105	3740.56	2354.2	55669.25
28FEB86	HACKE	RWA	DAW	LSA	N/A		606	649.19	2960.2	56318.44

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ATTACHMENT A
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UNITS 1/2
LASALLE COUNTY NUCLEAR POWER STATION

LRP-1110-3
Revision 2
August 6, 1985
16

DATE	DISPOSITION OF MATERIAL		Type of Waste	Type of Container	Solidifi- cation Agent	Principle Nuclides	Shipment Volume (ft3)	Shipment Activity (mCi)	Volume Per Month (ft3)	Activity Per Month (mCi)
	TRANS CO.	BURIAL SITE								
6MAR86	HACKE	RWA	DAW	LSA	N/A	Co-60	600	259.85	600	259.85
10MAR86	HN	BSC	EB	LSA	Cement	Mn-54	105	4251.12	750	4510.97
14MAR86	HN	BSC	EB&SR	LSA	Cement	Fe-59	105	7928.90	855	12439.87
18MAR86	HN	RWA	EB&SR	LSA	Cement	Fe-55	105	11819.52	960	24259.39
25MAR86	HN	RWA	EB&SR	LSA	Cement	Co-58	105	17981.47	1065	42240.86
						Cr-51				
						Zn-65				
						Ni-63				
						H-3				
						C-14				
	</									

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	TRANS CO.	BURIAL SITE								
1APR86	TSMT	RWA	DAW	LSA	N/A	Cr-51	642	405.86	642	405.86
2APR86	HN	RWA	EB&SR	LSA	Cement	Fe-59	105	6155.97	747	6561.83
3APR86	HN	RWA	EB&SR	LSA	Cement	Co-58	105	12067.42	852	18629.25
7APR86	CN	RWA	EB&SR	LSA	Cement	Co-60	105	31347.27	957	49976.52
15APR86	CN	RWA	EB,SR, DIAT. EARTH	LSA	Cement	Mn-54	105	47163.95	1062	97140.47
22APR86	CN	RWA	SR DIAT. EARTH	LSA	Cement	Zn-65	105	92208.94	1167	189349.41
24APR86	CN	RWA	EB&SR	LSA	Cement	H-3	105	49527.08	1272	238876.49
24APR86	HN	RWA	EB	LSA	Cement	C-14	105	3516.69	1377	242393.18
Ni-63										
Fe-55										
Tc-99										
I-129										

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	TRANS CO.	BURIAL SITE								
1MAY86	CN	RWA	EB&SR	LSA	Cement	Cr-51	105	61856.91	105	61856.91
1MAY86	TSMT	RWA	DAW	LSA	N/A	Fe-59	591	198.55	696	62055.46
5MAY86	CN	RWA	EB,SR, DIAT. EARTH	LSA	Cement	Co-58	105	44484.61	801	106540.07
8MAY86	CN	RWA	EB&SR	LSA	Cement	Co-60	105	42878.36	906	149418.43
13MAY86	CN	RWA	EB,SR, DIAT. EARTH	LSA	Cement	Mn-54	105	45423.27	1011	194841.7
15MAY86	CN	RWA	SR & DIAT. EARTH	LSA	Cement	Zn-65	105	81123.54	1116	275965.2
21MAY86	CN	RWA	EB & DIAT. EARTH	LSA	Cement	H-3	105	14669.30	1221	290634.5
22MAY86	CN	RWA	SR & DIAT. EARTH	LSA	Cement	C-14	105	92208.94	1326	382843.4
23MAY86	CN	RWA	SR & DIAT. EARTH	LSA	Cement	Ni-63	105	64667.40	1431	447510.8
29MAY86	TSMT	RWA	DAW	LSA	N/A	Fe-55	670.5	890.10	2101.5	448359.9
30MAY86	HN	BSC	EB	LSA	Cement	Tc-99	105	3125.69	2206.5	451485.6

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	TRANS CO.	BURIAL SITE								
2JUN86	HN	BSC	EB	LSA	Cement	Mn54	105	3650.27	105	3650.27
3JUN86	HN	BSC	EB	LSA	Cement	Cr51	105	3618.04	210	7268.31
4JUN86	HN	BSC	EB	LSA	Cement	Co60	105	3721.40	315	10989.71
5JUN86	HN	BSC	EB	LSA	Cement	Fe55	105	3394.32	420	14384.03
6JUN86	HN	BSC	EB	LSA	Cement	Co58	105	3215.33	525	17599.36
9JUN86	HN	BSC	EB	LSA	Cement	Zn-65	105	3764.23	630	21363.59
17JUN86	HN	BSC	EB	LSA	Cement	Fe59	105	3096.48	735	24460.07
17JUN86	TSMT	U.S. Ecology	DAW	LSA	N/A	Ni63	622.4	307.28	1357.4	24767.35
19JUN86	HN	U.S. Ecology	EB & DAW	LSA	Cement	H3	180	2626.56	1537.4	26304.75
23JUN86	HN	BSC	EB	LSA	Cement	C14	105	3601.45	1642.4	29906.20
23JUN86	HN	BSC	EB	LSA	Cement		105	3321.56	1747.4	32227.76