

processed 11/7/78

TA 50

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #1																
11/10/59	140 Ba, 140 La + FP	1	10													
11/10/59	140 Ba, 140 La + FP	1	125													
11/10/59	140 Ba, 140 La + FP	1	55													

Shaft = 2' diam. x 15' deep - unlined
Shaft filled 11/10/59

Area C - Shaft #2

11/30/59	Irr. ²³⁵ U + FP															
12/23/59	Uranyl Phosphate															
1/5/60	Irr. graphite	1														
1/7/60	Ba-La waste	1	760													
3/23/60	Ba-La waste	1	4													
3/23/60	Ba-La waste	1	75													

Shaft = 2' diam. x 15' deep - unlined
Shaft filled, 2/23/60

Area C - Shaft #3

1/7/60	Ba-La waste	1	600													
1/7/60	Ba-La waste	1	0.5													
1/7/60	Ba-La waste	1	8													
3/23/60	⁶⁰ Co capsule					1	10									

Shaft = 2' diam. x 15' deep - unlined
Shaft filled, 3/23/60



8319

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci

Area C - Shaft #6 (cont)

11/30/60	^{Ta} Irr. PA wire					1	1									
12/22/60	ThO ₂ and Cesium Cs	(1)	(<u><1</u>)													

Shaft = 2' diam. x 15' deep - unlined

Shaft filled, 12/22/60

Area C - Shaft #7

5/10/60	¹⁴⁰ La waste	1	740													
2/21/61	¹⁴⁰ Ba- ¹⁴⁰ La waste	27	8.5													

Shaft = 2' diam. x 15' deep - unlined

Shaft filled, 2/21/61

Area C - Shaft #8

5/10/60	¹⁴⁰ La waste	1														
5/10/60	¹⁴⁰ La waste	1	25													
6/13/60	Irr. U															1
7/5/60	Irr. glassware			1	1											
7/7/60	²³³ U residues		10													1
7/8/60	Thermocouple- PTC (²³⁵ U) residues															1
8/3/60	Po-Be source			(1)	(1)	X	X									
11/4/60	Notebook															1
11/10/60	Notebook															1
2/21/61	¹⁴⁰ Ba- ¹⁴⁰ La waste	27	184													
3/24/61	End Boxes			1												
3/24/61	D-38															4

Shaft = 2' diam. x 15' deep - unlined

Shaft filled, 3/24/61

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci

Area C - Shaft #9

7/19/60	³ H waste in concrete									4	500					
11/10/60	Ba-La waste	12	350													

Shaft = 2' diam. x 15' deep - unlined
Shaft filled, 11/10/60

Area C - Shaft #10

7/25/60	⁸⁹ Sr, ⁹⁰ Sr, ¹⁴⁰ Ba, ¹⁴⁰ La	4	400													
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Shaft = 2' diam. x 15' deep - unlined
Shaft filled, 7/25/60

Area C - Shaft #11

7/29/60	Ra La waste	2														
9/11/60	UO ₂ , Th and Cs, Cesium															
9/11/60	²³³ U residues												2			
9/11/60	³ H												2			
11/10/60	⁸⁹ Sr, ⁹⁰ Sr, ¹⁴⁰ Ba, ¹⁴⁰ La	12	350							4						

Shaft = 2' diam. x 15' deep - unlined
Shaft filled, 11/10/60

Area C - Shaft #12

10/3/60	¹⁴⁰ La waste	12	200													
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Shaft = 2' diam. x 15' deep - unlined
Shaft filled, 10/3/60

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci

Area C - Shaft #13

10/19/60	Fuel element rods															
10/21/60	²³³ U residues															
11/28/60	¹⁴⁰ Ba, ¹⁴⁰ La waste <i>89Sr, 90Sr</i>	27														

(X4)
2

Shaft = 2' diam. x 15' deep - unlined
Shaft filled, 11/28/60

Area C - Shaft #14

10/5/60	Radioactive Material															
4/18/61	¹⁴⁰ Ba, ¹⁴⁰ La waste <i>89Sr, 90Sr</i>	10														16

Shaft = 2' diam. x 15' deep - unlined
Shaft filled, 4/18/61

Area C - Shaft #15

11/28/60	¹⁴⁰ Ba, ¹⁴⁰ La, ⁸⁹ Sr, ⁹⁰ Sr waste															
11/17/60	Fuel element end boxes	27														737
4/18/61	¹⁴⁰ Ba, ¹⁴⁰ La waste <i>89Sr, 90Sr</i>	10														221

Shaft = 2' diam. x 15' deep - unlined
Shaft filled, 4/18/61

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #18 (contd)																
2/8/61	Irr. ²³⁵ U + FP		14													
2/8/61	Irr. Ta, SS and FP	2.7	8										2.7			
2/8/61	Irr. Ta, SS and FP	2.7	7													
2/8/61	FP Lab waste	2.7	<0.1													
2/21/61	Irr. Ta					2.7	<0.1									
2/21/61	Water Boiler ^{Reactor} Solution ^{Soln.}															
2/21/61	⁹⁰ Sr + ¹³⁷ Cs	2.7	1										2.7	.05		

Shaft = 2' diam. x 15' deep - unlined

Area C - Shaft #19

3/23/61 Radioactive metal

6

Shaft = 2' diam. x 15' deep - unlined

Area C - Shaft #20

3/28/61 ⁶⁰Co sources
3/28/61 ¹³⁴Cs sources

1 0.6

2 7.8

Shaft = 2' diam. x 15' deep - unlined

Area C - Shaft #21

4/18/61 ~~Ra-La~~ waste
^{Ra-La}

10 221

Shaft = 2' diam. x 15' deep - unlined
Shaft filled 4/18/61

Area C - Shaft #22

6/5/61 Alpha contam. soil

27

Shaft = 2' diam. x 15' deep - unlined

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #23																
5/2/61	²³⁵ U residue												20	10-20		
5/3/61	Po-Be sources			10		10										
5/9/61	Po-Be Ra-Be sources	2														
5/22/61	"active" gaps			4	<1											
5/22/61	³ H									2	<1					
6/5/61	Alpha contam. acid solution		<1													1
6/5/61	²³³ U- ²³⁵ U in acid solution															1

Shaft = 2' diam. x 15' deep, unlined.

Area C - Shaft #24																
5/10/61	Thermocouple residue		4													
5/10/61	²³⁵ U in Soln.		<1										2			
5/12/61	Reactor seals			2	<1								2	0.6		
5/12/61	²³⁵ U in Soln.												2	2-3		
5/12/61	Reactor seals and residue			2	<1											
5/12/61	Thermocouple residue		<1										2			
5/26/61	15% enriched ²³⁵ U												2	100		

Shaft = 2' diam. x 15' deep, unlined.

Area C - Shaft #25																
5/22/61	SS rods			20	<1											
2/8/62	⁶⁰ Co + FP in Soln.							1	0.5							

Shaft = 2' diam. x 15' deep, unlined.
Shaft filled 2/8/62

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci

Area C - Shaft #26

6/6/61	Radioactive Material								10							
9/11/61	End boxes			1	<1											
9/15/61	End boxes			1	<1											
10/2/61	H waste									20	0.4	<0.4				
10/11/61	D-38 metal											-7				
10/13/61	¹³⁷ Cesium Cs	0.1	0.1													
2/12/62	⁶⁰ Co and Irr. Ni			1	0.5	X	0.5									
2/20/62	ALPHA & contam. chemical								1							
2/26/62	End boxes			1												

Shaft = 2' diam. x 15' deep, UNLINED
Shaft filled 2/26/62.

Area C - Shaft #27.

6/6/61	Irr. Ta							20	1000							
6/12/61	D-38															10
6/26/61	Metal scrap															8

Shaft = 2' diam. x 15' deep - unlined.

Area C - Shaft #28

6/16/61	Ba-La waste	20	2100													
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Shaft = 2' diam. x 15' deep - unlined.

Area C - Shaft #29

6/26/61	²³⁹ Pu waste + FP Fiss. Prod.		10													4
6/26/61	²³⁹ Pu waste + FP Fiss. Prod.															4
6/26/61	FP residues ⁹⁹ Sr, ⁹⁰ Sr, ⁹⁰ Y		1													
7/17/61	¹⁴⁰ Ba, ¹⁴⁰ La, ¹⁴⁰ La waste		678													

Shaft = 2' diam x 15' deep - unlined
Shaft filled 7/17/61.

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #33																
8/14/61	Irr. ²³⁵ U + FP Fiss. Prod.		0.6									2.7	3			
8/14/61	Irr. ²³⁵ U + FP Fiss. Prod.		0.6									2.7	3			
8/14/61	Irr. ²³⁵ U + FP Fiss. Prod.		0.5									2.7	3			
8/24/61	Contam. H ₂ SO ₄							2.7								
9/26/61	²³⁵ U residue											0.1	3			
10/27/61	End Boxes ²³⁵ U + FP			1	<1											
10/27/61	Fiss. Prod.		0.5									1	76			
11/24/61	U scrap											0.1				
11/30/61	End boxes			1	<1											
12/1/61	End boxes			1	<1											
12/1/61	⁵⁹ Fe, ¹³¹ I, ⁶⁰ Co			4.8	0.6	4.8	0.6									
12/13/61	Irr. ²³⁹ Pu + FP FP		0.2							1						
12/20/61	Irr. ²³⁹ Pu + FP FP		0.6							0.1						
12/21/61	²³⁵ U + D-38		6.11									0.1				
12/22/61	D-38 metal											0.1				
1/11/62	²³⁵ U + D-38		0.1									0.1				
1/12/62	Foils and targets							4	0.04							
2/5/62	Ra-La waste ¹⁴⁰ Ba, ¹⁴⁰ La waste	0.1	40													

Shaft = 2' diam. x 15' deep - unlined.

^{22}Na , ^{60}Co , ^{85}Sr , ^{90}Sr , $^{110\text{m}}\text{Ag}$,

^{134}Ce , ^{137}Ce , ^{141}Ce , ^{144}Ce , ^{230}Th ,

^{204}Tl , ^{99}Tc , $^{88\text{y}}\text{Y}$, ^{132}Ba

List the above for shaft #34

date 11/15/61

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #34																
10/31/61	235U + FP		0.7									0.1	75			
11/15/61	Misc. radio-SEE ATT. isotopes NOTE			7.2	<0.1											
1/3/62	Irr. Pu + FP		1					0.1	1							
1/3/62	Irr. Pu + FP		0.8					0.1	1							
1/3/62	Irr. Pu + FP		0.8					0.1	1							
1/5/62	235U + FP IN SOLN.											7				
Shaft = 2' diam. x 15' deep - unlined. Shaft filled 1/5/62.																
Area C - Shaft #35																
12/26/61	235U + FP IN SOLN.		4									6	250			
Shaft = 2' diam. x 15' deep - unlined. Shaft filled 12/26/61.																
Area C - Shaft #36																
12/28/61	235U + FP IN SOLN.		3.5									5	200			
Shaft = 2' diam. x 15' deep - unlined. Shaft filled 12/28/61.																
Area C - Shaft #37																
12/29/61	235U + FP IN SOLN.		2.1									3	170 200			
12/29/61	235U + FP IN SOLN.		1.4									2	80			
Shaft = 2' diam. x 15' deep - unlined. Shaft filled 12/29/61																
Area C - Shaft #38																
1/3/62	235U + FP IN SOLN.		3.5									5				
Shaft = 2' diam. x 15' deep - unlined. SHAFT FILLED 1/3/62																

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #39																
1/4/62	BeRa-La waste	0.1	35													
1/4/62	BeRa-La waste	0.1	0.5													
1/4/62	BeRa-La waste	0.1	0.5													
1/4/62	BeRa-La waste	0.1	1.5													

Shaft = 2' diam. x 15' deep - unlined
Shaft filled 1/4/62,

1/4/62	235U + FP IN SOLN.		1	Area C - Shaft #40												
1/5/62	235U + FP IN SOLN.		1.2													0.1

Shaft = 2' diam. x 15' deep - unlined.
Shaft filled 1/5/62.

1/5/62	235U + FP			Area C - Shaft #41													
2/5/62	Be, La Ra-La waste	0.1	190													27	93
2/6/62	Be, La Ra-La waste	0.1	68														

Shaft = 2' diam. x 15' deep - unlined.

1/15/62	235U + FP IN SOLN.		0.3	Area C - Shaft #42													
1/17/62	235U + FP IN SOLN.		0.3													1	240
																1	160

Shaft = 2' diam. x 15' deep - unlined.
SHAFT FILLED 1/17/62

1/18/62	Pu waste			Area C - Shaft #43													
2/1/62	235U residue																4
3/20/62	Ir, 235U															1	
3/20/62	Be, La waste	0.1	0.5												0.1	14	
3/20/62	Filter, U, Pu + FP																0.1

Shaft = 2' diam. x 15' deep - unlined.

SHAFT FILLED 3/20/62

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
2/7/62	Irr. Pu + FP	3	0.01													

Area C - Shaft #44

Shaft = 2' diam. x 15' deep - unlined.
Shaft filled 2/7/62.

3/22/62	Irr. Pu + FP		<0.1					1								
3/28/62	235U + D-38 + FP		<0.1									1	200			
4/4/62	Irr. 235U + FP		2									0.1	5			
4/9/62	Irr. Pu + FP		.04					0.1								
4/10/62	Radioactive waste							1								
4/12/62	¹⁴⁰ Ba ¹⁴⁰ La waste	0.5	3													
4/12/62	235U + FP		0.5									0.5				
4/17/62	Irr. Pu + FP		<0.1					0.5								
4/18/62	Irr. Pu + FP		3					0.5								
4/18/62	Irr. Pu + FP		4					0.5								
4/19/62	235U residue SC RAP											0.1	64.2			
4/19/62	Irr. SS			0.1	5											
4/25/62	235U residue											0.1	34.8			
4/25/62	237Np contam. chemicals							0.1								

235U } SAME BECAUSE
D-38 } TO DATE 3/28/62

Shaft = 2' diam. x 15' deep - unlined.
SHAFT FILLED 4/25/62

2/6/62	¹⁴⁰ Ba ¹⁴⁰ La waste	0.1	600													
2/7/62	¹⁴⁰ Ba ¹⁴⁰ La waste	0.1	45													

Area C - Shaft #46

Shaft = 2' diam. x 15' deep - unlined.
SHAFT FILLED 2/7/62

4/20/62	235U + FP		3													
5/8/62	FP waste	0.5	140									0.1				

Area C - Shaft #47

Shaft 2' diam. x 15' deep - unlined.
Shaft filled 5/8/62.

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #52 (cont)																
8/29/62	Radioactive waste															
8/29/62	235U + FP in soln.		0.006													
9/7/62	SS pipe + FP	1	5													
9/11/62	Soil samples	1														
9/19/62	Contam. sand and water	1														

Shaft = 2' diam. x 15' deep - unlined.
SHAFT FILLED 9/19/62

Area C - Shaft #53																
Date	Waste Identification	Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
8/24/62	60Co waste															
8/24/62	60Co waste + FP		0.1													
8/30/62	Irr. SS and Cu			1												
9/10/62	Plasma-thermo couple PTC (²³⁵ U)												0.5			
9/12/62	Exh. cell filter							0.5								
9/19/62	Radioactive waste							1								
9/19/62	Irr. Pu							1								
9/21/62	235U residue												0.1	35x		
9/21/62	Cell filters + 60Co															
9/24/62	235U residue		1					1	1							
9/24/62	235U residue												1	30		
9/25/62	60Co waste							1	1				1	20		
9/25/62	Contam. sand and water		2													

Shaft = 2' diam. x 15' deep - unlined.

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #54																
9/25/62	Contam. sand and water	2														
9/26/62	²³⁵ U in soln.		0.5									1	20			
9/27/62	²³⁵ U in soln.		0.5									1	70			
9/28/62	²³⁵ U in soln.		0.5									0.5	10			
9/28/62	²³⁵ U in soln.		0.5									1	90			
9/29/62	²³⁵ U lab waste		1									1	100			
	+ FP		0.1									2				
10/1/62	²³⁵ U in soln.		0.5									1	16			
10/3/62	²³⁵ U + FP		1									0.5	47			
10/3/62	D-38											2				
2/1/62	²³⁵ U	*	2									1	2.5			

> Shaft = 2' diam. x 15' deep - unlined.

Handwritten note:
*
Lead container
recovered

4/28/67	Radioactive waste															
4/28/67	Radioactive waste											0.1	22.0			
5/4/67	D-38 chips											0.5				
5/10/67	²³⁵ U waste											0.5				
5/12/67	irr. ss Phobos waste		1									2	1			
5/17/67	irr. Pu+Ta waste															
5/19/67	D-38 chips							2	5							
5/23/67	Animal tissue	1										1				
5/26/67	irr. ²³⁹Pu waste		100					2	20							

Area C - Shaft #55

Shaft = 2' diam. x 15' deep - unlined.

filled 5/26/67

2/28/58	⁸⁹ Sr- ⁹⁰ Sr residue + Ra waste	1														
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Area C. - Shaft #56

Shaft = 2' diam. x ^{10'}~~12'~~ deep - unlined.

7/3/58	¹³⁷ Cs waste	1														
7/3/58	Old sources ¹³⁷ Cs sources	1														

Area C - Shaft #57

Shaft = 2' diam. x ^{10'}~~12'~~ deep - unlined.

Date	Waste Classification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #58																
9/22/58	Ba Barium waste in soln.	1														
Shaft = 2' diam x ¹⁰ 12' deep - unlined.																
Area C - Shaft #59																
11/20/58	⁹⁰ Sr residue	1														
12/3/58	⁹⁰ Sr + ¹⁴⁰ La residue	1														
Shaft = 2' diam. x ¹⁰ 12' deep - unlined. Shaft filled 12/3/58																
Area C - Shaft #60																
12/10/58	D-38 in Soln. Regester soup															1
2/4/59	Ra-La waste	1														
4/10/59	LAPRE II charcoal trap	1														
5/22/59	Ra-La waste	1	56													
Shaft = 2' diam x ¹⁰ 12' deep - unlined.																
Area C - Shaft #61																
5/26/59	Ra-La Waste	1	250													
Shaft = 2' diam. x ¹⁰ 12' deep - unlined.																
Area C - Shaft #62																
7/8/59	¹⁴⁰ La + ⁹⁰ Sr - ⁹⁰ Sr WASTE Ra-La waste	1	350													
Shaft = 2' diam. x ¹⁰ 12' deep - unlined.																
Area C - Shaft #63																
7/10/59	PoBe, PoB, B.LiF sources Old sources	1														
Shaft = 2' diam. x ¹⁰ 12' deep - unlined.																
Area C - Shaft #64																
7/10/59	PoBe, PoB, PoLiF Old sources	1														
Shaft = 2' diam. x ¹⁰ 12' deep - unlined.																

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #65																
9/10/59	140Ba-140La, 89-90Sr 87Sr-90Sr	1	450													
Shaft = 2' diam. x 12 ¹⁰ ' deep - unlined.																
Area C - Shaft #66																
9/16/59	Irr. Ta					1										
9/17/59	235U residue											1				
10/13/59	Irr. Sr Ta					1										
10/15/59	Ra-La waste Ba + Sr WASTE	1	436													
Shaft = 2' diam x 12 ¹⁰ ' deep - unlined. Shaft filled 10/15/59																
Area C - Shaft #67																
10/20/59	233U residue															
10/29/59	Irr. Ta + FP	1											1			
Shaft = 2' diam. x 12 ¹⁰ ' deep - unlined.																
Area C - Shaft #68																
10/8/62	Irr. Pu + FP		1					0.1	<1							
10/11/62	FP waste	0.1														
10/12/62	Irr. Pu + FP		10					0.5	<1.							
10/19/62	Irr. Pu + FP		0.5					0.5	2.4							
10/23/62	Pu + FP		8					0.5	<1							
10/23/62	235U residue + FP		0.5										0.5	256.05		
10/24/62	235U residue + FP		<1										0.1	82		
10/25/62	³ H contam. metal									0.3						
11/1/62	239 Pu waste + FP		8													
11/2/62	FP waste + 239 Pu		7					0.1	0.1							
Shaft = 2' diam. x 20' deep - unlined.																

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #69																
10/23/62	235U residue											0.5	404.13			
11/1/62	235U + FP IN SOLN.		<1									0.5	37			
Shaft = 2' diam. x 20' deep - unlined.																
Area C - Shaft #70																
11/6/62	Irr. Pu + FP															
11/9/62	Fuel element waste		0.5									0.5	100			
11/13/62	FP waste IN SOLN.	0.1	<1													
11/14/62	Irr. SS			0.1	0.1											
11/19/62	End boxes			0.1	<0.1											
11/20/62	FP waste	0.1														
11/30/62	235U + FP		50									0.1	14			
11/30/62	Irr. Pu + FP		0.2					0.1								
12/4/62	FP waste	0.1	0.5													
12/4/62	FP waste	0.1	0.5													
12/10/62	Irr. SS			0.1	1											
12/11/62	Irr. SS			0.1	6											
12/12/62	Irr. Pu + FP		1					0.1								
12/12/62	Plasma thermo- couple - PTC (235U)		0.1									0.1				
12/12/62	Irr. Al metal			1	11											
12/12/62	Control rod			5	11											
12/13/62	Irr. scrap				1			0.1				0.3	3			
12/13/62	235U + FP IN SOLN.		0.5									0.2	40.57			
12/13/62	235U + FP IN SOLN.															
Shaft = 2' diam. x 20' deep - unlined.																
SHAFT FILLED 12/13/62																
Area C - Shaft #71																
11/8/62	Kiwi fuel element waste IN SOLN.		<1									1	58.6			
11/8/62	Kiwi fuel element waste IN SOLN.		<1									1	87.9			
12/14/62	Kiwi fuel element waste IN SOLN.		1									1	68.08			
12/17/62	Kiwi fuel element waste IN SOLN.		2									2	127			
12/18/62	Kiwi fuel element waste IN SOLN.		1									0.8	44			

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #71 (cont)																
12/19/62	Irr. SS + FP	0.1	0.5													
12/19/62	Irr. SS			0.1	1											
12/19/62	235U residue FUEL ELEMENT IN SOLN. + FP		1									1	33			
12/20/62	Irr. SS tube	0.1	12	0.1	12											
12/28/62	H waste									2						
1/10/63	Irr. SS + FP	0.1	0.5													
1/16/63	Irr. Pu + FP		30					0.1	30							
1/18/63	D-38 and Al metal											1				
1/22/63	Radioactive waste									1						
1/22/63	235U residue		<1									3	4			
1/22/63	Gamma act. lab waste			0.2	<1											
1/29/63	235U + FP		0.1									2	37.4			
1/30/63	Sand and Water + FP	0.6	0.1													
2/1/63	235U + FP IN SOLN.		0.3									0.5	52.03			
2/13/63	Na Sodium samples					0.5										
2/13/63	137Cesium Cs	0.1														
2/13/63	Sand and water + FP	0.5														
3/11/63	SS Irr. Thermo-couples			0.5	7											
4/9/63	Irr. SS tube			0.1	30											

Shaft = 2' diam. x 20' deep - unlined.

SWAB? FILLED 4/9/63

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #73 (cont)																
3/6/63	Radioactive waste															
3/18/63	³ H contam. glassware															
3/18/63	³ H contam. vac. pump oil										2					
3/18/63	³ H contam. lab waste										2					
3/18/63	³ H contam. D-38										2					
3/20/63	Graphite + FP	0.2	0.015													
3/21/63	Pu-Be source							3	13							
4/1/63	Contam. sand and H₂O + FP	0.5	0.3													
4/3/63	End boxes ^{water}	1	0.5		0.5											
4/8/63	⁶⁰ Co and ¹³⁷ Ce sources	1.5	4.5													
4/8/63	Irr. SS tube			0.1	0.6											

Shaft = 2' diam. x 20' deep - unlined.

Area C - Shaft #74

11/8/62	Kiwi fuel element soln.		<1									1	77.5			
11/8/62	Kiwi fuel element soln.		<1									1	146.5			
11/8/62	Kiwi fuel element soln.		<1									1	55			
11/8/62	Kiwi fuel element soln.		<1									1	29.3			
11/8/62	Kiwi fuel element soln.		<1									1	8			
4/8/63	Radioactive waste												3			
4/15/63	End boxes			1	0.5											
4/19/63	Contam. H₂O and sand + FP ^{water}	0.4	0.05													
4/25/63	Thermocouples PTC												0.5	1450		
5/17/63	Contam. sand and H₂O + FP ^{water}	0.5														
5/27/63	Contam. sand and H₂O + FP ^{water}	0.5														

Shaft = 2' diam. x 20' deep - unlined.

Identification	white Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
	Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci

Area C - Shaft #75

10/26/62	Kiwi fuel element soln.		<1								1	30			
11/6/62	Kiwi fuel element soln.		<1								1	23			
11/7/62	Kiwi fuel element soln.		<1								1	13.5			
11/7/62	Kiwi fuel element soln.		<1								1	176			
4/10/63	Irr. 235U + FP		25								1	10			
4/22/63	Irr. 235U + FP		150								0.2	5			
4/18/63	Radioactive waste ²³⁹ Pu waste							10							
5/6/63	235U + FP										0.1				
5/8/63	238U residue										1.	3Kg			
5/9/63	D-38										1.	28Kg			
7/9/63	D-38 ²³⁸ U waste										2.				

Shaft = 2' diam. x 20' deep - unlined.

Area C - Shaft #76

10/26/62	Kiwi fuel element soln.		<1								1	30			
11/6/62	Kiwi fuel element soln.		<1								1	23			
11/7/62	Kiwi fuel element soln.		<1								1	12.9			
11/7/62	Kiwi fuel element soln.		<1								1	53			
5/2/63	Radioactive waste							6							
5/6/63	60Co waste						1	15							
5/14/63	57Co lab waste						1								
5/16/63	60Co waste						2	11							
5/23/63	Contam. lead pig										0.01				
6/3/63	Irr. Al tube		0.1	2							0.1				
6/11/63	Cont. sand and H ₂ O waste		0.5	<0.1											
6/12/63	140Ba-140La scrap		1	8.10											
6/13/63	140Ba-140La scrap		0.2	1.65											
7/9/63	Fencing scrap		0.1												

Shaft = 2' diam. x 20' deep - unlined.

Shaft filled 7/9/63

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #77																
10/26/62	Kiwi fuel element soln.		<1									1	30.			
11/6/62	Kiwi fuel element soln.		<1									1	23			
11/7/62	Kiwi fuel element soln.		<1									1	12			
11/7/62	Kiwi fuel element soln.		<1									1	10			
6/12/63	¹⁴⁰ Ba- ¹⁴⁰ La scrap	0.1	0.5													
6/13/63	¹⁴⁰ Ba- ¹⁴⁰ La scrap	0.1	468													
6/13/63	¹⁴⁰ Ba- ¹⁴⁰ La scrap	0.1	400													
6/13/63	Irr. Al metal			0.1												
6/17/63	Thermocouple tube		2	0.01	2								0.01			
6/17/63	■ . Pu Soln.															
6/18/63	Irr. Ta metal					0.1	3									
6/24/63	²³⁵ U residue											2	283			
6/25/63	Radioactive waste															
7/1/63	²³⁸ U and Th residue			2												
7/1/63	Contam. Acid soln.	0.6												0.1	456. (Th)	460. (U)
7/17/63	Thermocouple waste (²³⁵ U)		5	0.2	5								0.2			

Shaft = 2' diam. x 20' deep - unlined.

SHAFT Filled 7/17/63

Area C - Shaft #78

10/26/62	Kiwi fuel element soln.		<1									1	30			
11/6/62	Kiwi fuel element soln.		<1									1	23			
11/7/62	Kiwi fuel element soln.		<1									1	160			
11/7/62	Kiwi fuel element soln.		<1									1	14.5			

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #78 (cont)																
7/5/63	Acid soln.	0.1														
7/9/63	Thermocouple PTC waste (²³⁵ U)		<1										2			
7/17/63	Thermocouple PTC waste (²³⁵ U)		5	0.2	5								0.2			

Shaft = 2' diam. x 20' deep - unlined.

Area C - Shaft #79																
6/5/63	⁶⁰ Co + ¹³⁷ Cs sources	2	5													
7/18/63	D-38 ²³⁸ U WASTE												12			
7/30/63	²³⁵ U WASTE												0.4	4		

Shaft = 2' diam. x 20' deep - unlined.

SHAFT FILLED 7/30/63

Area C - Shaft #80																
7/18/63	Radioactive D-38 WASTE waste															
7/25/63	²³⁵ U soln.													14 (D-38)		
7/29/63	Fuel element end caps			1	0.5									0.4	72.	
7/30/63	Radioactive waste D-38 WASTE													2.		
8/8/63	⁹¹ Yttrium 91Y							0.1		0.1						
8/13/63	Irr. sample			0.1	5											
8/15/63	²³⁵ U soln.													8.		
8/20/63	SS Plasma thermo-couple tube PTC (²³⁵ U)		1	0.1	1									0.1		
8/22/63	Contam. sand and water		2													
8/26/63	Al pipe			0.5	0.5											
8/27/63	²³⁵ U in acid soln.													4		
9/12/63	²³⁹ Pu + FP		3													
10/7/63	²³⁵ U + FP in soln.								1					1	<1	

Shaft = 2' diam. x 20' deep - unlined.

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #81																
8/20/63	PTC Waste (²³⁵ U)		30	2	30								2			
8/21/63	U contam. chem.												5			
8/27/63	U contam. chem.												0.1			
9/12/63	Irr. SS + FP	0.01	1													
10/7/63	²³⁵ U in Acid soln. + FP		<1										2	56		
10/8/63	End boxes			2	1											
10/11/63	²³⁸ U in ether soln.												2	2		(²³⁸ U)
10/11/63	H waste in soln.									1	20					
10/15/63	FP waste	4.5	<1													
10/23/63	¹³⁷ Cs waste	0.01		0.01												
10/24/63	Radioactive waste												0.1			
													.174			

Shaft = 2' diam. x 20' deep - unlined.

SHAFT FILLED 10/24/65

Area C - Shaft #82

8/27/63	²³⁵ U in acid soln.												14			
8/30/63	PTC waste (²³⁵ U)	2	2										2			
9/12/63	Copper tubing Cu			0.1	2											

Shaft = 2' diam. x 20' deep - unlined.

SHAFT FILLED 9/12/65
CAPPED 10/12/65

Area C - Shaft #83

9/4/63	²³⁵ U contam. chemicals												16			
9/4/63	Pu contam. NaCO ₃							0.5	400							
9/6/63	D-38 and Pu contam. soln.		<1					2								
9/10/63	Zn and Ag residue with Pu ²³⁹		<0.1					0.5								
9/11/63	Irr. Pu							3								
9/12/63	D-38 metal												0.01			
9/16/63	Irr. metal	0.2														
11/13/63	Old sources			0.5												
11/13/63	⁵⁹ Fe, ⁵¹ Cr															
	¹³¹ I, + Pu							1								
11/13/63	D-38												2			

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci

Area C - Shaft #83 (cont)

11/20/63	Contam. sand. + water H ₂ O + FP	0.12		0.15												
12/2/63	238U metal			.15												
12/19/63	238U metal powder +D-38															
12/20/63	235U soln.											0.12	206.2			

Shaft = 2' diam. x 20' deep - unlined.

Area C - Shaft #84

9/16/63	PTC waste (²³⁵ U)	0.1														
10/24/63	Radioactive waste															
12/17/63	PTC waste (²³⁵ U)	0.1														
12/20/63	PTC waste (²³⁵ U)	0.01														
12/20/63	Hot cell waste	0.01	80													
1/3/64	235U waste															
1/8/64	235U waste															
1/10/64	235U waste															
	Misc. waste															

Shaft = 2' diam. x 20' deep - unlined.

SHAFT Sealed 1/10/64

Area C - Shaft #85

10/30/63	U contam. waste															
12/27/63	Reactor Matrix lid			2	10											
1/6/64	¹⁹² Iridium waste					1										
1/14/64	End boxes			1	5											
1/17/64	PTC waste (²³⁵ U)		70									2	2			
1/17/64	PTC SS tube (²³⁵ U)	0.1	2									0.1				
1/27/64	Ta, Ce, and ⁶⁰ Co waste			0.1	2.5	0.1	364									
1/29/64	Contam. graphite															
2/3/64	²³⁸ U powder															
2/10/64	H waste								1	750						
2/17/64	¹¹⁴ In waste					1										
2/19/64	Animal tissue	0.5														
2/27/64	235U soln.		0.03													

Shaft = 2' diam. x 20' deep - unlined.

SHAFT Sealed 2/27/64

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #86																
1/27/64	Plasma thermo- PTC couple waste (²³⁵ U)		10										2	1.4		
1/27/64	Plasma thermo- PTC couple waste (²³⁵ U)		50										3	0.2		
2/11/64	Irr. Pu + FP waste		6					1	47							
2/28/64	LAMPRE waste - ²³⁵ U							2								
3/3/64	Old Po source					0.1										
3/5/64	D-38 and Thorium Th												1			
3/12/64	Irr. Al.			2	25											
3/13/64	U contam. sol- vents												8			
3/18/64	Irr. Pu + FP waste							1								
3/18/64	Irr. Pu + FP waste (ADRSB)		0.8					1	1.8							
3/19/64	Irr. Pu + FP waste (ADRSB)		0.8					0.5	3.9							
3/24/64	⁶⁰ Co source					0.5	1									
3/27/64	³ H contam. waste										0.2					
3/31/64	Irr. Pu + FP SOLN.							1								
3/31/64	Irr. Pu + FP SOLN.							2								
4/7/64	D-38															
4/10/64	⁵⁷ Co waste					3	.003									0.2
5/14/64	³ H contam oil										1					
5/14/64	⁶⁰ Co contam. cable							1								
5/14/64	Irr. Al capsule			1												

Shaft = 2' diam. x 20' deep - unlined.

SHAFT FILLED 5/14/64

Area C - Shaft #87

4/6/64	LAMPRE rod assem.	0.1														
4/8/64	LAMPRE Pu waste							0.1								
	ADRSB		10.													
5/4/64	Animal tissue	2						4								
5/8/64	³ H contam. oil															
5/12/64	Irr. Pu, ⁹³Zr and ²² Na												5			
5/15/64	Control rods			3.	240			1								
6/10/64	Irr. Pu + FP waste		2.5					1	8							
6/16/64	Irr. Pu + FP		4.5					1.0	0.12							
7/9/64	PTC waste (²³⁵ U)		50													1.

Shaft = 2' diam. x 20' deep - unlined.

SHAFT FILLED 7/9/64

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C -- Shaft #88 (cont)																
11/5/64	Cell filters(FP)	0.5	<1													
11/6/64	Cell filters(FP)	1	<1													
11/9/64	²³⁸ U metal		<0.5													
11/9/64	Irr Al			0.5	0.3											
11/13/64	D-38 powder															
11/19/64	Cell filter (FP)	0.3	0.5													
11/19/64	Radioactive waste															
11/20/64	⁵⁷ Co waste								6							
11/24/64	Filter (FP)	3.4	0.5					1								
12/8/64	Hot cell waste (Pu + FP)															
			11.5													

Shaft = 2' diam. x 20' deep - unlined.
SHAFT FILLED 12/8/64

Area C - Shaft #89

4/23/64 ²³⁵U contam. pipe

17.5

Shaft = 2' diam. x 20' deep - unlined.

Area C - Shaft #90

8/19/64 ~~Na sodium~~
Na sodium coils
9/2/64 U contam. metal
11/24/64 Animal tissue 5
12/10/64 Hot cell trash 0.6 10.6
12/10/64 Hot cell trash 0.6 10
12/10/64 Hot cell trash 0.6 10.9
12/10/64 Hot cell trash 1.6 7
12/10/64 Animal tissue 1
12/10/64 Contam. chem.
12/11/64 ⁵⁷Co lab waste 0.5
12/17/64 End boxes 4
12/17/64 Radioactive waste
12/23/64 ³H contam. U
12/24/64 Irr. graphite 1 <1
1/4/65 ⁹⁰Sr source

5

10

8

0.6

10.6

10.9

7

1

1

0.5

4

12

Shaft = 2' diam. x 20' deep - unlined.

SHAFT FILLED 1/4/65

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #92 (cont)																
3/4/65	Radioactive D-38 waste												1			
3/8/65	Irr. Pu WASTE		<1					5								
3/12/65	235U residue											1	10			
3/12/65	238 Po sources					3	4									
3/12/65	Lab waste (FP)	1														
3/17/65	D-38 metal											0.5				
3/18/65	Irr. metal + FP	7	<1													
3/18/65	Radioactive U waste												2			
3/22/65	D-38 metal												2			
3/26/65	³ H contam. glass ware										4					
4/5/65	NRX metal			2	<1											
4/5/65	TNT samples	2	<1	2	<1								2			
4/6/65	Unloaded fuel elements												2			
4/6/65	³ H contam. can									1						
4/8/65	D-38 samples												2			
4/9/65	D-38 chips												0.5			
4/15/65	D-38 metal												0.5			
4/16/65	Animal tissue							1								
4/16/65	Hot cell waste		<1										1			
4/20/65	Hot cell waste		<1										2			
4/29/65	Radioactive waste												4			
5/3/65	Sample mounts		.008 <0.01													
5/4/65	Radioactive waste												2			
5/6/65	IRRA ²³⁹ Pu + FP		<1					2	0.1							
5/6/65	D-38 IRRA graphite ROs												3			
5/7/65	Irr. SS rod			1												
5/13/65	Activated ²³⁵ U, FP and D-38 powder													55(²³⁵ U)		
5/13/65	D-38												3	600(D-38)		
5/13/65	Pu contam. Na sodium							2					1			

Shaft = 2' diam. x 20' deep - unlined.

3 JHA

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #93																
8/19/64	Radioactive waste Na ²² Na coils							5								
4/8/65	235U samples											6	250			
4/30/65	D-38											25				
5/6/65	D-38											4				
5/11/65	Animal tissue	7						7								
5/18/65	Pu contam. IBM cards							2								
5/19/65	Irr. steel and 73 tantalum			1	1.2											
7/15/65	Radioactive waste		<0.1													
6/24/66	H contam. lab equip.									1	2000					
6/24/66	D-38 chips											1				
7/5/66	Normal U											2	1468	(238U)		
7/20/66	D-38 metal											3				
8/2/66	Animal tissue	2						2								
8/23/66	D-38											2				
9/8/66	Animal tissue	2						2								
9/27/66	D-38											1				
11/3/66	Animal tissue	2						2								
11/10/66	D-38											4				
11/14/66	Animal tissue	7						7								
11/17/66	D-38											3				
11/18/66	D-38 & Normal U											1				
11/18/66	Animal tissue	1						1								
11/23/66	Animal tissue	1						1								
11/30/66	D-38											8				
12/7/66	D-38											6				
12/8/66	Animal tissue	2						2								
12/23/66	Animal tissue	1						1								
1/4/67	Animal tissue	1						1								
1/19/67	D-38											0.1				
9/1/67	Animal tissue	2						2								
2/29/68	Animal tissue	9						9								

Shaft = 2' diam. x 20' deep - unlined.

SHAFT CLOSED 2/29/68

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #94																
8/19/64	Pu contam. Na coils								5							
5/19/65	Pu contam. Na coils								5	1.5						
5/25/65	Uranium SS			2												
6/4/65	³ H contam. glassware									1	600					
6/8/65	D-38												2			
6/16/65	D-38												1			
6/16/65	End boxes			1												
6/17/65	D-38												1			
6/30/65	¹³⁷ Cs residue 1			1												
6/30/65	Animal tissue 2							2								
7/1/65	D-38												2			
7/1/65	PTC waste (²³⁵ U) Uranium		1.5										4	2.16		
7/6/65	Animal tissue 4							4								
7/6/65	D-38												3			
7/9/65	²³⁸ U and ³ H waste												1			
7/9/65	Contam. chem's. 1							1								
7/12/65	¹³⁷ Cs source 1															
7/12/65	⁶⁰ Co source							1								
7/14/65	¹³⁷ Cs source + control rod 2															
7/14/65	End boxes			1												
7/14/65	²³⁸ U metal												1			
7/20/65	⁹⁰ Sr and ²¹⁰ Pb sources 2															
7/20/65	Contam. Lab waste															
7/29/65	²³⁸ U metal			1									1			
7/30/65	²⁴² Am soln.							1								
8/3/65	²³⁹ Pu waste							1								
8/10/65	²³⁵ U residue WASTE												2	145		
8/20/65	²³⁹ Pu waste							1								
8/20/65	Animal tissue 2							2								
8/26/65	D-38												1			
8/30/65	Animal tissue 1							1								
8/31/65	D-38												1			
9/14/65	Irr. SS			0.08												
9/20/65	Animal tissue 1							1								

Shaft = 2' diam. x 20' deep - unlined.

SHAFT CAPPED 10/12/65

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #96 (contd)																
11/5/65	End boxes			1												
11/9/65	Hot cell waste Pu		6					1								
11/11/65	Animal tissue															
11/11/65	238U chips												1			
11/15/65	Hot cell waste Pu		>41					1								
11/15/65	Hot cell waste Pu		>41					1								
11/18/65	Hot cell waste Pu		>41													
11/22/65	Hot cell waste Pu		>41										0.5	20g	238U	
11/22/65	D-38												1			
11/23/65	D-38												1			
11/23/65	133Xe					6							1			
11/23/65	133Xe					0.1										
11/29/65	3H targets									2						
12/2/65	Hot cell waste Pu		6.6					2								
12/10/65	LAMPRE waste		~30					~4	50							
12/14/65	D-38												1			
12/14/65	238U metal CHIPS												2			
4/11/66	Hot cell waste Pu	3	~0.08													
4/14/66	PTC waste (235U)												1			
5/2/66	Animal tissue	2														
5/17/66	D-38 CHIPS												2			
5/19/66	U and Thorium												1			
5/19/66	D-38 metal TURNINGS												2			
5/23/66	Animal tissue															
5/23/66	210Po															
5/24/66	3H waste									0.1						
6/2/66	Thermo-couples			0.1												
6/9/66	D-38												2			
6/17/66	Animal tissue	2														
6/28/66	PTC waste (235U)												2	0.2		
7/12/66	Hot cell filter	2	<1													

Shaft = 2' diam. x 20' deep - unlined.

SHAFT CAPPED 7/12/66

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
Area C - Shaft #98																
8/18/64	UC + ZnC soln.		2.5									1	0.5 (²³⁵ U)			
9/8/64	UO ₂ in soln.		1.3									1	0.535			
9/23/64	²³⁵ U residue											4	215			
11/17/64	Pu contam. Na							5								

Shaft = 12' diam. x 25' deep - concrete lined.

Area C - Shaft #99																
11/18/64	Pu contam. NaK NaK							3								
1/24/65	UHTREX waste											1	1.3 (²³⁵ U)			
3/9/65	Hot cell waste Hot cell waste		<1					3								
3/10/65	Hot cell waste Hot cell waste		<1					4								
3/15/65	Hot cell waste Hot cell waste		<1					1								
3/30/65	Hot cell waste Hot cell waste							2								
3/31/65	Hot cell waste Hot cell waste		<1					2								
4/15/65	Hot cell waste Hot cell waste		<1					4								
4/16/65	Hot cell waste Hot cell waste		<1					2								
4/19/65	Hot cell waste Hot cell waste		<1					2								
4/19/65	Hot cell waste Hot cell waste		<1					2								
4/19/65	Hot cell waste Hot cell waste		<1					2								

Shaft = 12" diam. x 25' deep - concrete lined.

Area C - Shaft #100																
7/26/65	PTC waste (²³⁵ U)		50									4	1.5			
6/3/66	Irr. Pu waste		5					2	<1							
6/28/66	Neut. Acid Soln.											1	0.19			
6/28/66	³ H waste									1	<0.05					
9/21/66	⁹⁰ Sr and ¹³⁷ Cs waste		1.5					0.1	0.02							
10/24/66	⁹⁰ Sr waste	2	<1													

Shaft = 12" diam. x 25' deep - concrete lined.

Area C - Shaft #101																
8/24/65	²³³ U waste		3									15	302			

Shaft = 12" diam. x 25' deep - concrete lined.

SHAFT 102

Date	Waste Identification	blue Mixed Fission Products		green Mixed Activation Products		yellow Activation Products		Transuranic		Tritium		Uranium		Other		
		Ft ³	Ci	Ft ³	Ci	Ft ³	Ci	Ft ³	g	Ft ³	Ci	Ft ³	g	Ft ³	g	Ci
10/18/65	PTC (²³⁵ U) TFP		2													
11/5/65	Hot waste IN SOLN		1.3													
2/23/66	PTC waste (²³⁵ U) IN SOLN															
2/28/66	Hot waste															
4/14/66	PTC waste (²³⁵ U) IN SOLN		<1													
4/18/66	³ H waste									0.1	1000					

Shaft = 12" diam. x 25' deep - concrete lined.

				Area C - Shaft #103			
Date	Waste Identification	Ft ³	Ci	Ft ³	Ci	Ft ³	Ci
1/17/67	Acid WASTE		0.125	1			
10/17/67	⁹⁰ Sr source	2.5	10			1.5	75
10/17/67	⁹⁰ Sr source					1.5	100

Shaft = 12" diam. x 25' deep - concrete lined.

Note: all material [950 Ci of tritium (est)] transferred to shaft #59, Area G, 5/17/74.

				Area C - Shaft #105			
Date	Waste Identification	Ft ³	Ci	Ft ³	Ci	Ft ³	Ci
12/12/68	Charcoal trap					1	12,000
4/16/69	³ H (HTO) H ₂ O					0.5	35

Shaft = 12" diam. x 25' deep - concrete lined.

				Area C - Shaft #106			
Date	Waste Identification	Ft ³	Ci	Ft ³	Ci	Ft ³	Ci
8/24/65	²³³ U residue		3			18	281

Shaft = 12" diam. x 25' deep - concrete lined.

				Area C - Shaft #107			
Date	Waste Identification	Ft ³	Ci	Ft ³	Ci	Ft ³	Ci
2/11/66	³ H contam. metal					0.5	40,000

Shaft = 12" diam. x 25' deep - concrete lined.