Atlantic Richfield Hanford Company
Richland, Washington 99352

ARH-CD-133A

OPERATIONS DIVISION WASTE STATUS SUMMARY
JANUARY 1, 1974 THROUGH MARCH 31, 1974

J. D. Anderson

July 31, 1974

PREPARED FOR THE U. S. ATOMIC ENERGY
COMMISSION UNDER CONTRACT AT(45-1) 2130

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OPERATIONS DIVISION WASTE STATUS SUMMARY
JANUARY 1, 1974 THROUGH MARCH 31, 1974

J. D. Anderson

Waste Handling and Plutonium Finishing Process Engineering
Operations Technical Support Department
Operations Division

July 31, 1974

Operated for the Atomic Energy Commission by
Atlantic Richfield Hanford Company under Contract AT(45-1)-2130

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ARH- CD-133A

SUMMARY FOR QUARTER ENDING March 31 19 74

WASTE RECEIVED

FROM	TO	TYPE WASTE	GALLONS	
			SELF-BOILING	NON-BOILING
B Plant	TK-101-A	High Level	74,000	
AR Vault	TK-104-A	High Level	61,000	
B Plant	TK-106-A	High Level	138,000	
302-C Catch Tank	TK-104-BX	Low Level		10,000
302-A Catch Tank	TK-104-C	Low Level		4,000
CR Vault	TK-104-C	Low Level		35,000
Purex	TK-104-C	Low Level		27,000
302-A Catch Tank	TK-101-SX	Low Level		14,000
302-B Catch Tank	TK-101-TX	Low Level		12,000
234-5 Z	TK-118-TX	Low Level		622,000
BNW	TK-107-U	Low Level		101,000
UNI	TK-107-U	Low Level		105,000
T Plant	TK-107-U	Decontamination		101,000
222-S	TK-110-U	Laboratory Waste		29,000
Water	Various	Flush and Pit Water		1,207,000
TOTAL			273,000	2,267,000

WASTE EVAPORATED

FACILITY	GALLONS SPACE RECOVERED	
	QUARTER ENDING 12-31-73	QUARTER ENDING 3-31-74
In-Tank Solidification Units 1 & 2	-75,000	-50,000
242-T Waste Evaporator	86,000	-62,000
242-S Evaporator-Crystallizer	1,412,000	5,850,000
TOTAL	1,423,000	5,738,000

WASTE INVENTORY

	QUARTER ENDING 12-31-73	QUARTER ENDING 3-31-74
<u>SELF-BOILING WASTE</u>	4,112,000 Including	4,318,000 Including
GALLONS OF SUPERNATANT	276,000 Water & 282,000 IX	261,000 Water & 105,000 IX
GALLONS OF SOLIDS	492,000	471,000
TOTAL STORAGE RESERVE (gallons)	100,000	1,909,000
<u>NON-BOILING WASTE</u>		
GALLONS OF SUPERNATANT	37,683,000	31,780,000
GALLONS OF SOLIDS	22,692,000	24,374,000 (1)
AVAILABLE USEFUL STORAGE RESERVE (GALLONS)	7,264,000	11,213,000

(1) Includes 1,487,000 gallons increase in solids in ITS, 242-S, and 242-T bottom tanks and a gain of 195,000 gallons in other tanks.

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OVERALL STATUS OF WASTE FARMS ON March 31 19 74

TYPE OF WASTE*		GAL. IN STORAGE	GAL. OF UNFILLED SPACE	TOTAL GALLONS
PUREX		194,000	-0-	194,000
REDOX		2,147,000	-0-	2,147,000
B PLANT(HIGH LEVEL)		2,718,000 ⁽¹⁾	1,738,000	4,456,000
B PLANT(LOW LEVEL)		1,314,000	-0-	1,314,000
ION EXCHANGE (PUREX SUPERNATANT)		4,853,000	1,810,000	6,663,000
ION EXCHANGE (REDOX SUPERNATANT)		5,415,000	-0-	5,415,000
COATING	EAST	560,000	91,000	651,000
	WEST	779,000	-0-	779,000
BNW AND SSW	EAST	956,000	-0-	956,000
	WEST	481,000	792,000	1,273,000
OWW	EAST	221,000	63,000	284,000
	WEST	656,000	699,000	1,355,000
FIRST CYCLE	EAST	84,000	-0-	84,000
	WEST	612,000	-0-	612,000
DW	East	136,000	-0-	136,000
	West	342,000	-0-	342,000
SECOND CYCLE	WEST	640,000	-0-	640,000
PSS	EAST	2,158,000	-0-	2,158,000
TBP	East	41,000	-0-	41,000
	West	74,000	-0-	74,000
EVAPORATOR BOTTOMS	EAST	4,352,000	2,150,000	6,502,000
	WEST	7,365,000	5,779,000	13,144,000
SOLIDS	EAST	10,567,000	-0-	10,567,000
	WEST	14,278,000	-0-	14,278,000
UNAVAILABLE FREE SPACE			(21,615,000)	(21,615,000)
TOTAL		60,943,000	(34,737,000) ⁽²⁾ 13,122,000	(95,680,000) ⁽²⁾ 74,065,000

* SEE PAGE 9 FOR CODE. ⁽¹⁾Includes 205,000 water in 102-AY
⁽²⁾Includes unavailable free space

DATA IN 10³ GALLONS

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STATUS OF WASTE FARMS

TANK	TYPE WASTE*	GALLONS				RESERVE		REMARKS
		CAP.	IN STORAGE			GAL.	TYPE WASTE	
			TOTAL	LIQUID	SOLIDS			
B FARM								
101	BL(EB)	530	509	400	109	21	U	
102	EB-BL-IX	530	497	377-35-52	33	33	U	
103	BNW-N-LW-(1)	530	489	35-48-18-(1)	52	41	U	
104	EB	530	405	5	400	125	EB	
105	EB	530	490	0	490	40	U	
106	244-BNW	530	229	27-55	147	301	EB	
107	EB	530	193	0	193	337	U	Suspect leaker.
108	EB	530	114	0	114	416	EB	
109	224-IX	530	284	16-132	136	246	EB	(2)
110	EB	530	282	0	282	248	U	Suspect leaker.
111	EB	530	249	0	249	281	IX	
112	EB	530	305	291	14	225	EB	ITS bottoms & recycle (3).
TOTAL		6360	4,046	1,827	2,219			
201	224	55	32	6	26	23	U	Suspect leaker, 1 to 109-B.
202	224	55	53	26	27	2	U	3 to 109-B.
203	224	55	50	6	44	5	U	6 to 109-B.
204	224	55	49	3	46	6	U	6 to 109-B.
TOTAL		220	184	41	143			
C FARM								
101	P	530	129	48	81	401	U	Suspect leaker
102	CW-OWW	530	467	43-125	299	63	OWW	
103	BNW-N-LW-(4)	530	508	34-144-51-(4)	90	22	U	114 from 104-C
104	P-B-N-BNW-IX	530	439	54-93-11-6-1	274	91	CW	27 from Purex, 35 from CR Vault, 4 from 302-A Catch Tank, 45 from 101-A (5)
105	PSS	530	447	335	112	83	U	219 from 103-AX
106	PSS	530	237	112	125	293	U	
107	BNW-N-LW-CW-DW-IX-EB	530	514	72-128-6-27-19-51-5	206	16	U	
108	BNW-N-LW-(6)	530	515	27-38-15-(6)	76	15	U	
109	CW-IX	530	504	67-342	95	26	U	
110	CW-OWW-EB-RIX	530	376	75-80-5-16	200	154	IX	
111	CW	530	171	95	76	359	U	Suspect leaker.
112	CW-IX	530	530	81-329	120	0	U	
TOTAL		6360	4,837	3,083	1,754			
201	SSW	55	3	2	1	52	U	
202	SSW	55	1	1	0	54	U	
203	SSW	55	7	4	3	48	U	
204	SSW	55	44	43	1	11	U	
TOTAL		220	55	50	5			

* SEE PAGE 9 FOR CODE

(1) R-CW-DW-IX-TBP 96-18-64-135-23

(2) 1 from 201-B, 3 from 202-B, 6 from 203-B, 6 from 204-B

(3) see footnote (3) on page 5.

(4) P-B-CW-DW-IX-EB-PL 24-54-49-2-3-1-6

(5) 1 from 103-AX, 1 water, 114 to 103-C

(6) CW-DW-IX-TBP-R-OWW 43-51-156-18-77-14

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DATA IN 10³ GALLONS

STATUS OF WASTE FARMS

TANK	TYPE WASTE*	GALLONS				RESERVE		REMARKS
		CAP.	IN STORAGE			GAL.	TYPE WASTE	
			TOTAL	LIQUID	SOLIDS			
BX FARM								
101	BL-IX	530	160	39-75	46	370	U	Suspect leaker
102	---	530	41	0	41	489	None	Tank leaks Contains diatomaceous earth
103	IX-PL-BNW(1)	530	503	186-43-24(1)	46	27	U	
104	IX	530	149	43	106	381	IX	10 from 302-C Catch Tank, 363 to 110-S
105	IX	530	101	49	52	429	IX	381 to 110-S
106	BL-CW-OWW(2)	530	394	5-2-2-(2)	10	136	EB	43 from 108-BX
107	IX	530	539	163	376	-9	U	
108	---	530	34	0	34	496	None	Tank leaks, 43 to 106-BX
109	---	530	211	0	211	319	IX	
110	EB	530	499	211	288	31	U	ITS bottoms & recycle (3).
111	EB	530	387	153	234	143	EB	ITS bottoms & recycle (3).
112	EB-IX	530	495	140-139	216	35	U	
TOTAL		6360	3,513	1,853	1,660			
BY FARM								
101	EB	750	740	322	418	10	U	ITS bottoms & recycle (3).
102	EB	750	630	422	208	120	U	ITS bottoms & recycle (3).
103	EB	750	464	6	458	286	None	Tank leaks
104	EB	750	718	249	469	32	U	ITS bottoms & recycle (3)
105	EB	750	656	28	628	94	EB	ITS bottoms & recycle (3)
106	EB	750	692	198	494	58	EB	ITS bottoms & recycle (3)
107	EB	750	653	478	175	97	EB	ITS bottoms & recycle (3)
108	---	750	304	0	304	446	None	Tank leaks 8 to 109-BY
109	EB	750	594	183	411	156	EB	ITS feed receiving tank (3)(4)
110	EB	750	670	393	277	80	EB	ITS bottoms & recycle (3)
111	EB	750	677	535	142	73	EB	ITS bottoms & recycle (3)
112	EB	750	681	350	331	69	U	ITS bottoms & recycle (3)
TOTAL		9000	7,479	3,164	4,315			

* SEE PAGE 9 FOR CODE

- (1) N-LW-CW 69-75-60
 (2) IX 375

(3) Due to the characteristics of solids in the bottoms tanks and the inability to measure them precisely, there is a significant degree of uncertainty in the liquid-to-solid ratio of the B, BX, and BY Farm tanks.

(4) 56 water, 8 from 108-BY, 6 evaporated

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DATA IN 10³ GALLONS

STATUS OF WASTE FARMS

TANK	TYPE WASTE*	GALLONS				RESERVE		REMARKS
		CAP.	IN STORAGE			GAL.	TYPE WASTE	
			TOTAL	LIQUID	SOLIDS			
T FARM								
101	BL-IX-EB- RIX-R	530	313	2-14-43- 165-52	37	217	EB	
102	BL-IX-EB(1)	530	534	29-167-40(1)	24	-4	U	
103	BL-IX-EB(2)	530	516	40-232-33(2)	18	14	U	
104	---	530	483	0	483	47	U	
105	DW-BL-IX	530	537	33-95-309	100	-7	U	
106	CW-DW-BL-IX	530	60	2-2-4-13	39	470	None	Tank leaks
107	IX	530	399	290	109	131	IX	
108	BL-IX	530	535	193-236	106	-5	U	
109	BL-IX-BNW	530	538	95-117-188	138	-8	U	
110	224-2C	530	531	238	293	-1	U	
111	224-2C	530	534	301	233	-4	U	
112	DW-CW-BL-IX	530	505	205-22-59-187	32	25	U	
TOTAL		6360	5,485	3,873	1,612			
201	224	55	54	23	31	1	U	
202	224	55	51	21	30	4	U	
203	224	55	51	16	35	4	U	
204	224	55	50	6	44	5	U	
TOTAL		220	206	66	140			
U FARM								
101	R	530	59	19	40	471	None	Tank leaks.
102	R	530	97	54	43	433	EB	7 water, 385 to 110-S
103	R	530	108	76	32	422	EB	5 water, 162 to 101-S, 272 to 110-S
104	---	530	127	0	127	403	None	Tank leaks. Contains diatomaceous earth
105	R-CW	530	85	20-33	32	445	EB	434 to 110-S
106	R	530	85	59	26	445	EB	424 to 110-S
107	BNW-N-DW	530	290	79-33-88	90	240	BNW	101 from BNW, 105 from UNI, 101 from T Plant, 23 water, 210 to 101-S, 316 to
108	N-BNW-DW(3)	530	100	34-9-14(3)	29	430	BNW	7 water 110-S
109	CW-EB	530	127	4-75	48	403	EB	5 water, 209 to 109-U
110	LW-CW	530	408	138-87	183	122	LW	29 from 222-S
111	R	530	149	123	26	381	EB	
112	R	530	76	16	60	454	U	Suspect leaker.
TOTAL		6360	1,711	975	736			
201	CW	55	49	45	4	6	U	
202	CW	55	51	47	4	4	U	
203	CW	55	46	42	4	9	U	
204	2C-CW	55	51	35-15	1	4	U	
TOTAL		220	197	184	13			

* SEE PAGE 9 FOR CODE

(1) RIX-R-CW 147-45-82
 (2) RIX-R-CW 123-38-32
 (3) CW-EB 1-13

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DATA IN 10³ GALLONS

STATUS OF WASTE FARMS

TANK	TYPE WASTE*	CAP.	GALLONS			RESERVE		REMARKS
			TOTAL	LIQUID	SOLIDS	GAL.	TYPE WASTE	
TX FARM								
101	BL-IX-IC-TBP	750	720	187-230- 222-8	73	30	U	12 from 302-B Catch Tank, 226 from 109-TX
102	EB	750	703	517	186	47	U	242-T bottoms & recycle (1)
103	EB	750	727	724	3	23	U	242-T bottoms & recycle (1)
104	BL-OWW-RIX- R-TBP	750	660	46-94-87- 375-40	18	90	EB	
105	EB	750	712	213	499	38	U	242-T bottoms & recycle (1)
106	EB	750	710	442	268	40	U	242-T bottoms & recycle (1)
107	R	750	675	651	24	75	EB	
108	EB	750	721	640	81	29	U	242-T bottoms & recycle (1)
109	EB-IC-TBP	750	694	166-390-15	123	56	EB	(2)
110	EB	750	682	249	433	68	EB	242-T bottoms & recycle (1)
111	EB	750	724	335	389	26	U	242-T bottoms & recycle (1)
112	EB	750	723	64	659	27	U	242-T bottoms & recycle (1)
113	EB	750	701	45	656	49	U	242-T bottoms & recycle (1)
114	EB	750	729	73	656	21	U	242-T bottoms & recycle (1)
115	EB	750	699	57	642	51	EB	242-T bottoms & recycle (1)
116	---	750	631	0	631	119	U	Contains diatomaceous earth
117	---	750	626	0	626	124	U	Contains diatomaceous earth
118	EB	750	700	439	261	50	U	622 from 234-5Z, 78 from 101-TV, 89 water, 158 to 109-TX, 27 evaporated
TOTAL		13500	12,537	6,309	6,228			
TY FARM								
101	TBP-R	750	208	11-48	149	542	U	Suspect leaker, 78 to 118-TX.
102	EB-BL-OWW-RIX	750	739	505-41-85-78	30	11	U	
103	OWW-RIX	750	202	2-3	197	548	None	Tank leaks
104	BL-OWW-RIX	750	51	9-15-14	13	699	OWW	678 to 110-S.
105	---	750	285	0	285	465	None	Tank leaks
106	---	750	4	0	4	746	None	Tank leaks. Contains diatomaceous earth.
TOTAL		4500	1,489	811	678			

* SEE PAGE 9 FOR CODE

(1) Due to the characteristics of solids in bottoms tanks and the inability to measure them precisely, there is a significant degree of uncertainty in the liquid-to-solid ratio of the TX Farm tanks

(2) 158 from 118-TX, 27 water, 226 to 101-TX.

UNCLASSIFIED

DATA IN 10³ GALLONS

STATUS OF WASTE FARMS

TANK	TYPE WASTE *	CAP.	GALLONS			RESERVE		REMARKS
			IN STORAGE			GAL.	TYPE WASTE	
			TOTAL	LIQUID	SOLIDS			
S FARM								162 from 103-U, 210 from 107-U, 97 from 105-S, 123 from 107-S, 828 from 110-S, 112 water, 1340 to 102-S
101	IX	750	616	372	244	134	EB	
102	EB	750	634	583	51	116	EB	242-S feed tank (1) (2)
103	EB	750	388	351	37	362	EB	242-S bottoms & recycle (1)
104	R	750	307	66	241	443	U	Suspect leaker.
105	EB	750	730	181	549	20	U	242-S bottoms & recycle(1) 97 to 101-S
106	EB	750	585	149	436	165	EB	242-S bottoms & recycle (1)
107	IX	750	731	438	293	19	U	310 from 110-S, 12 water, 123 to 101-S 158 to 102-S
108	EB	750	704	331	373	46	U	242-S bottoms & recycle (1)
109	EB	750	361	98	263	389	EB	242-S bottoms & recycle (1)
110	BL-OWW-RIX	750	280	35-59-55	131	470	EB	385 from 102-U, 272 from 103-U, 424 from 105-U, 424 from 106-U, 316 from 107-U (3)
111	EB	750	311	172	139	439	EB	456 to 102-S
112	EB	750	473	106	367	277	EB	242-S bottoms & recycle (1)
TOTAL		9000	6,120	2,996	3,124			
SX FARM								
101(NB)	EB-RIX	1000	926	21-439	466	74	EB	14 from 302-A Catch Tank
102(NB)	EB-RIX	1000	927	146-722	59	73	EB	
103(NB)	CW-OWW-R	1000	928	367-401-35	125	72	EB	
104(NB)	EB-RIX	1000	934	89-676	169	66	EB	
105	EB-RIX	1000	944	182-696	66	56	EB	
106(NB)	EB-RIX	1000	963	199-763	1	37	U	
107	==	1000	110	0	110	890	None	Tank leaks
108	==	1000	142	0	142	858	None	Tank leaks
109	==	1000	257	0	257	743	None	Tank leaks
110	RIX-R	1000	963	707-224	32	37	U	
111	EB-RIX	1000	885	84-724	77	115	IX	
112	R	1000	108	73	35	892	None	Tank leaks.
113	==	1000	2	0	2	998	None	Tank leaks Contains diatomaceous earth
114	==	1000	200	0	200	800	U	Suspect leaker
115	==	1000	6	0	6	994	None	Tank leaks.
TOTAL		15000	8,295	6,548	1,747			

(1) Due to the characteristics of solids in the bottoms tanks and the inability to measure them precisely, there is a significant degree of uncertainty in the liquid-to-solid ratio of the S Farm tanks

(2) 1340 from 101-S, 158 from 107-S, 2822 from 110-S, 456 from 111-S, 863 water, 6713 evaporated

(3) 209 from 109-U, 363 from 104-BX, 381 from 105-BX, 678 from 104-TY, 828 to 101-S, 2822 to 102-S, 310 to 107-S

* SEE PAGE 9 FOR CODE

** NB- TANK NOT EQUIPPED FOR BOILING WASTE

UNCLASSIFIED

ARH-CD-133A

DATA IN 10³ GALLONS

STATUS OF WASTE FARMS

TANK	TYPE WASTE*	GALLONS				RESERVE		REMARKS
		CAP.	IN STORAGE			GAL.	TYPE WASTE	
			TOTAL	LIQUID	SOLIDS			
A FARM								
101	P-B	1000	968	19-933	16	32	U	74 from B Plant, 45 to 104-C.
102	Water	1000	56	56	0	944	B	Sluicing completed February 1974.
103	Water	1000	227	125	102	773	U	244 to 104-A; sluicing.
104	PSS	1000	503	423	80	497	U	23 from 106-A, 244 from 103-A, 643 to
105	IX	1000	50	17	33	950	None	Tank leaks; no sluicing. 101-AX (1)
106	B	1000	206	206	0	794	B	138 from B Plant, 23 to 104-A (2)
TOTAL		6000	2,010	1,779	231			
AX FARM								
101	PSS	1000	796	719	77	204	U	643 from 104-A, 173 to 103-AX.
102	B	1000	132	82	50	868	U	
103	PSS	1000	568	499	69	432	U	173 from 101-AX, 219 to 105-C, 1 to
104	PSS	1000	114	70	44	886	U	104-C
TOTAL		4000	1,610	1,370	240			
AY FARM								
101	B	1000	964	964	0	36	U	
102	Water	1000	205	205	0	795	U	Spare
TOTAL		2000	1,169	1,169	0			
AZ FARM								
101		1000	---	---	---	---	U	Spare
102		1000	---	---	---	---	U	Under construction
TOTAL		2000	---	---	---			

- (1) 61 from AR Vault. Sluicing completed in October 1969.
 (2) Sluicing completed in January 1974.

* CODE:

B - B PLANT HIGH LEVEL WASTE
 BL - B PLANT LOW LEVEL WASTE
 BNW - 300 Area Waste
 CW - COATING WASTE
 DW - DECONTAMINATION WASTE
 EB - EVAPORATOR BOTTOMS
 IX - ION EXCHANGE WASTE (Purex)
 OWW - ORGANIC WASH WASTE
 P - PUREX WASTE
 PSS - SLUDGE WASH WASTE
 PL - Purex Low-Level Waste

R - REDOX WASTE
 RIX - ION EXCHANGE WASTE FROM REDOX SUPERNATANT
 SIX - ION EXCHANGE WASTE FROM SLUDGE SUPERNATANT (PSS)
 SSW - SEMIWORKS WASTE
 TBP - TBP WASTE
 U - UNAVAILABLE
 IC - FIRST CYCLE WASTE
 2C - SECOND CYCLE WASTE
 224 - 224 BLDG WASTE
 N - 100-N Waste
 LW - 222-S Lab Waste

TANK FARM SUMMARY

(THOUSANDS OF GALLONS)

QUARTER ENDING March 31 19 74

TANK FARM	NO. OF TANKS	NO. OF LEAKERS	NOMINAL TANK VOLUME	USEFUL STORAGE CAPACITY EACH	GROSS USEFUL STORAGE CAPACITY	NET (1) USEFUL STORAGE CAPACITY	EFFECTIVE (2) VOLUME OF STORED WASTE	AVAILABLE USEFUL STORAGE RESERVE
B, C, T, U, BX	16	0	55	55	880	642	642	0
	60	5	530	530	31,800	26,571	19,592	6,979
TX, TY, BY, S	48	5	750	750	36,000	31,574	27,625	3,949
SX (REDOX NON-BOILING TYPE)	5	0	1000	1000	5,000	4,963	4,678	285
SX (REDOX BOILING TYPE)	10	6	1000	1000	10,000	3,788	3,617	171
A (PUREX BOILING TYPE)	6	1	1000	1000	6,000	5,050	3,312	1,738
AX (PUREX BOILING TYPE)	4	0	1000	1000	4,000	4,000	4,000	0
AY (PUREX BOILING TYPE)	2	0	1000	1000	2,000	2,000	2,000	0
AZ (PUREX BOILING TYPE) (3)	2	0	1000	1000	1,000	1,000	1,000	0

(1) Storage capacity in the nonboiling tank farms after disallowing: Space in leaking tanks (102-BX, 108-BX, 103-BY, 108-BY, 106-T, 103-TY, 105-TY, 106-TY, 101-U, 104-U); space in suspect leaking tanks (107-B, 110-B, 201-B, 101-BX, 101-C, 111-C, 104-S, 114-SX, 101-TY, 112-U); space in tanks with less than 50,000 gallons reserve; space in special purpose tanks for in-tank solidification (102-BY, 112-BY, 116-TX, 117-TX), for B Plant IX Feed (105-C), and for sludge wash solution, PSS (106-C). Consists of reduction in the "Gross Useful Storage Capacity" of the boiling tank farm as follows:

Tank Farm

SX (Redox nonboiling type)	106-SX	1,000	Condensate Receiver
SX (Redox boiling type)	107, 108, 109 112, 113, 115-SX	6,000	Tanks leak
A (Purex boiling type)	105-A	1,000	Tank leaks

(2) For A, AX, and AY farms, the effective volume and reserve volume does not represent actual gallons of waste, but rather the "useful" space as adjusted by tank production capacity or waste characteristics.

(3) One tank is under construction.

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PERFORMANCE OF WASTE SOLIDIFICATION SYSTEM

(THOUSANDS OF GALLONS)

	242-S (3) EVAPORATOR	ITS-1 & 2 (1)	242-T EVAPORATOR	REDOX (4)	ITS - 1 (1)	ITS-2 (1)	B PLANT CELL 23 (2)
Space recovered this quarter	5,850	-50	-62	---	---	---	---
Previous space recovered	1,412	8,024	21,791	12,393	11,876	15,295	1,185
Total space recovered to date	7,262	7,974	21,729	12,393	11,876	15,295	1,185
AVERAGE RATE THIS QUARTER (GPM)	45 1	-0.39	-0.48	---	---	---	---
AVERAGE RATE SINCE START-UP (GPM)	33.3	5.51	4.96	4.78	3.60	8.64	8.75

(3) Data for 242-S are from November 1, 1973 to date.

(4) Data for Redox are from startup to June 30, 1972.

(1) IN-TANK SOLIDIFICATION UNIT 1 WAS CONVERTED FROM AN EVAPORATOR TO A COOLER FOR IN-TANK SOLIDIFICATION UNIT 2 ON AUGUST 24, 1971. DATA FOR ITS-1 AND ITS-2 ARE FROM START-UP TO JUNE 30, 1971. DATA FOR ITS-1 & 2 ARE FROM JUNE 30, 1971 TO DATE.

(2) DATA FOR B PLANT CELL 23 ARE FROM START-UP TO FEBRUARY 2, 1968.

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