Atlantic Richfield Hanford Company
Richland, Washington 99352

ARH-CD-133D

PRODUCTION AND WASTE MANAGEMENT DIVISION
WASTE STATUS SUMMARY
OCTOBER 1, 1974 THROUGH DECEMBER 31, 1974

J. D. Anderson

January 30, 1975

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

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PRODUCTION AND WASTE MANAGEMENT DIVISION
WASTE STATUS SUMMARY
OCTOBER 1, 1974 THROUGH DECEMBER 31, 1974

J. D. Anderson

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

January 30, 1975

Operated for the Energy Research and Development Administration
by Atlantic Richfield Hanford Company under Contract AT(45-1)-2130

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SUMMARY FOR QUARTER ENDING December 31, 1974

WASTE RECEIVED				
FROM	TO	TYPE WASTE	GALLONS	
			SELF-BOILING	NON-BOILING
AR Vault	TK-102-A	High Level	29,000	
AR Vault	TK-103-A	High Level	266,000	
AR Vault	TK-104-A	High Level	545,000	
B Plant	TK-102-A	High Level	104,000	
B Plant	TK-106-C	Low Level		506,000
152-AX Catch Tank	TK-101-AY	High Level	3,000	
Purex	TK-104-C	Low Level	-	11,000
T Plant	TK-107-U	Decontamination	-	72,000
BNW	TK-107-U	Low Level	-	126,000
UNI	TK-107-U	Low Level	-	20,000
222-S	TK-110-U	Laboratory Waste	-	26,000
302-S Catch Tank	TK-107-S	Low Level	-	11,000
302-A Catch Tank	TK-101-TX	Low Level	-	5,000
234-5 Z	TK-118-TX	Low Level	-	93,000
Water	Various	Flush and Pit Water	-	1,441,000
TOTAL			947,000	2,311,000

WASTE EVAPORATED		
FACILITY	Gallons Space Recovered	
	QUARTER ENDING 9/30/74	QUARTER ENDING 12/31/74
242-T Evaporator	496,000	442,000
242-S Evaporator-Crystallizer	2,904,000	732,000
TOTAL	3,400,000	1,174,000

WASTE INVENTORY		
	QUARTER ENDING 9/30/74	QUARTER ENDING 12/31/74
SELF-BOILING WASTE		
GALLONS OF SUPERNATANT (5 yr)	923,000	911,000
GALLONS OF SOLIDS (5 yr)	52,000	52,000
TOTAL STORAGE RESERVE (5 yr)	0	0
NON-BOILING WASTE		
GALLONS OF SUPERNATANT	28,925,000	28,735,000
GALLONS OF SOLIDS	27,054,000	27,194,000 (1)
AVAILABLE USEFUL STORAGE RESERVE (GALLONS)	17,498,000	11,551,000

(1) Includes 457,000-gallon increase in the solids in the bottoms tanks and a loss of 317,000 gallons in other tanks.

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OVERALL STATUS OF WASTE FARMS ON December 31 19 74

TYPE OF WASTE*		GAL. IN STORAGE	GAL. OF UNFILLED SPACE	TOTAL GALLONS
PUREX		82,000	0	82,000
REDOX		1,510,000	0	1,510,000
B PLANT(HIGH LEVEL)		3,692,000	2,228,000	5,920,000
B PLANT (LOW LEVEL)		1,135,000	435,000	1,570,000
ION EXCHANGE (PUREX SUPERNATANT)		2,739,000	2,437,000	5 176,000
ION EXCHANGE (REDOX SUPERNATANT)		2,091,000	0	2,091,000
COATING	EAST	410,000	0	410,000
	WEST	627,000	0	627,000
N, LW BNW AND SSW	EAST	569,000	0	569,000
	WEST	447,000	771,000	1,218,000
OWW	EAST	190,000	0	190,000
	WEST	498,000	0	498,000
FIRST CYCLE	EAST	85,000	0	85,000
	WEST	84,000	0	84,000
DW	East	133,000	0	133,000
	West	190,000	429,000	619,000
SECOND CYCLE	WEST	118,000	0	118,000
PSS	EAST	2,293,000	0	2,293,000
TBP	East	40,000	0	40,000
	West	12,000	0	12,000
EVAPORATOR BOTTOMS	EAST	4,610,000	1,162,000	5,772,000
	WEST	8,091,000	4,089,000	12,180,000
SOLIDS	EAST	10,651,000		10,651,000
	WEST	16,595,000		16,595,000
UNAVAILABLE FREE SPACE			(27,237,000)	(27,237,000)
TOTAL		56,892,000	(38,788,000)(1) 11,551,000	(95,680,000)(1) 68,443,000

* SEE PAGE 9 FOR CODE.

(1) Includes unavailable free space

DATA IN 10³ GALLONS

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STATUS OF WASTE FARMS

TANK	TYPE WASTE*	CAP.	GALLONS			RESERVE		REMARKS
			TOTAL	LIQUID	SOLIDS	GAL.	TYPE WASTE	
B FARM								
101	BL(EB)	530	334	33	301	196	U	Removed from service; 89 to 103-BX.
102	EB-BL-IX	530	464	348-33-48	35	66	U	Interstitial liquid storage.(1)
103	BNW-N-LW-(2)	530	499	33-46-17(2)	68	31	U	
104	---	530	400	0	400	130	U	Salt filled.
105	---	530	491	0	491	39	U	Salt filled.
106	224-BNW-(3)	530	285	30-60-(3)	125	245	EB	
107	---	530	194	0	194	336	U	Suspect leaker; 4 water; 5 to 102-B.
108	EB	530	156	44	112	374	EB	
109	224-IX-EB	530	403	20-149-117	117	127	EB	6 from 201-B..
110	---	530	282	0	282	248	U	Suspect leaker; 4 water; 7 to 102-B.
111	IX	530	249	3	246	281	IX	
112	EB	530	329	294	35	201	EB	ITS bottoms and recycle.(4)
TOTAL		6360	4086	1,680	2406			
201	---	55	29	0	29	26	U	Suspect leaker; 4 water; 6 to 109-B.
202	224	55	53	26	27	2	U	
203	224	55	50	6	44	5	U	
204	224	55	49	3	46	6	U	
TOTAL		220	181	35	146			
C FARM								
101	P	530	92	30	62	438	U	Suspect leaker.
102	CW-OWW	530	466	34-100	332	64	U	
103	BL	530	224	151	73	306	U	409 from 106-C; 7 to 107-S; 281 to 101-TX.
104	BNW-N-LW-B- CW-PL-EB	530	351	13-21-6-6- 6-17-47	235	179	U	11 from Purex.
105	PSS	530	279	140	139	251	U	59 from 103-AX.
106	BL	530	420	314	106	110	BL	506 from B Plant; 1 water; 409 to 103-C.
107	BNW-N-LW- CW-DW-IX-EB	530	513	75-135-6- 28-20-53-5	191	17	U	
108	BNW-N-LW-(5)	530	516	28-39-15-(5)	65	14	U	
109	CW-IX	530	505	70-356	79	25	U	
110	CW-OWW- EB-RIX	530	376	70-75- 5-15	211	154	IX	
111	CW	530	114	52	62	416	U	Suspect leaker.
112	CW-IX	530	532	80-324	128	-2	U	
TOTAL		6360	4,388	2,705	1,683			
201	SSW	55	3	3	0	52	U	
202	SSW	55	2	2	0	53	U	
203	SSW	55	7	4	3	48	U	
204	SSW	55	44	44	0	11	U	
TOTAL		220	56	53	3			

* SEE PAGE 9 FOR CODE

(1) 5 from 107-B, 7 from 110-B

(2) R-CW-DW- 92-17-61

IX-TBP-EB 129-22-14

(3) EB-BL-IX 56-6-8

(4) 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.

(5) CW-DW-IX-
TBP-R-OWW

44-52-162-
18-79-14

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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	
BX FARM								
101	BL-IX	530	46	1-2	42	484	U	Suspect leaker.
102	BL-IX	530	40	0	40	490	None	Tank leaks; Contains diatomaceous earth.
103	BL-IX-PL-(1)	530	205	89-26-6-(1)	54	325	BL	89 from 101-B; 393 to 107-S.
104	BL-IX	530	389	36-288	65	141	IX	92 to 107-S.
105	EB-IX	530	417	158-205	54	113	IX	
106	BL-CW-OWW-(2)	530	315	25-1-1-(2)	26	215	EB	1 from 108-BX; 61 from 112-BY.
107	IX	530	472	96	376	58	U	Awaiting solidification.
108	IX	530	15	2	13	515	None	Tank leaks; 1 to 106-BX.
109	IX	530	205	5	200	325	U	Salt filled.
110	EB	530	499	250	249	31	U	ITS bottoms and recycle. (3)
111	EB	530	508	292	216	22	U	ITS bottoms and recycle. (3)
112	EB-IX	530	194	8-8	178	336	U	Awaiting solidification.
TOTAL		6360	3,305	1,791	1,514			
BY FARM								
101	EB	750	747	349	398	3	U	6 to 109-BY. ITS bottoms and recycle.(3) 1 water;
102	EB	750	629	429	200	121	U	ITS bottoms and recycle.(3)
103	EB	750	461	0	461	289	None	Tank leaks.
104	EB	750	717	248	469	33	U	ITS bottoms and recycle.(3)
105	EB	750	626	0	626	124	U	Removed from service.(3) 2 water; 16
106	EB	750	697	277	420	53	U	ITS bottoms & recycle.(3) to 109-BY.
107	EB	750	491	308	183	259	U	ITS bottoms and recycle.(3)
108	EB	750	359	0	359	391	None	Tank leaks, 2 water; 6 to 109-BY.
109	EB	750	557	132	425	193	U	ITS feed receiving tank.(3)(4)
110	EB	750	689	393	296	61	U	ITS bottoms and recycle.(3)
111	EB	750	673	374	299	77	U	ITS bottoms and recycle.(3)
112	EB	750	711	401	310	39	U	ITS bottoms and recycle.(3) 71 from
TOTAL		9000	7,357	2,911	4,446			109-BY; 61 to 106-BX.

* SEE PAGE 9 FOR CODE

(1) BNW-N-LW-CW 3-9-10-8

(2) IX-EB 201-61

(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) 6 from 101-BY; 16 from 105-BY; 6 from 108-BY; 71 to 112-BY.

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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	CW-IX-EB- RIX-R-DW-BL	530	260	11-85-18- 65-20-5-19	37	270	EB	
102		530	59	0	59	471	IX	
103		530	35	0	35	495	U	Removed from service.
104		530	483	0	483	47	U	Salt filled.
105	DW-BL-IX	530	114	1-3-9	101	416	IX	
106	IX	530	26	2	24	504	None	Tank leaks.
107	IX	530	398	289	109	132	IX	
108	BL-IX	530	169	30-36	103	361	U	Removed from service.
109	BL-IX-BNW	530	156	2-2-5	147	374	U	Removed from service.
110	244-2C	530	483	17	466	47	U	Awaiting solidification.
111		530	488	0	488	42	U	Removed from service.
112	DW-CW-BL-IX	530	101	31-3-8-27	32	429	DW	
TOTAL		6360	2,772	688	2,084			
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	101	58	43	429	EB	
103	R	530	112	80	32	418	EB	
104		530	125	0	125	405	None	Tank leaks. Contains diatomaceous
105	R-CW	530	87	21-34	32	443	EB	earth.
106	R	530	84	58	26	446	EB	
107	BNW-N-DW	530	403	219-30-139	15	127	BNW	106 from BNW; 79 from T Plant; 20 from UNI; 72 to 107-S.
108	N-BNW-DW-(1)	530	101	35-9-14-(1)	29	429	BNW	
109	CW-EB-R	530	153	4-75-26	48	377	EB	23 from 112-U.
110	LW-CW	530	315	108-24	183	215	LW	26 from 222-S.
111	R	530	158	132	26	372	EB	
112		530	62	0	62	468	U	Suspect leaker; 23 to 109-U.
TOTAL		6360	1,760	1,099	661			
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) CW-EB

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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	BNW-N-LW- PL-BL-CW-(1)	750	601	3-5-2- 2-338-2 (1)	73	149	IX	281 from 103-C; 5 from 302-A catch tank; 118 to 118-TX.
102	EB	750	711	517	194	39	U	242-T bottoms and recycle.(2)
103	EB	750	728	725	3	22	U	242-T bottoms and recycle.(2)
104	BL-OWW-RIX- R-TBP	750	134	8-16-15- 70-7	18	616	EB	
105	EB	750	733	231	502	17	U	242-T bottoms and recycle.(2)
106	EB	750	692	435	257	58	U	242-T bottoms and recycle.(2)
107	R	750	675	651	24	75	U	Awaiting solidification.
108	EB	750	719	638	81	31	U	242-T bottoms and recycle.(2)
109	EB	750	700	577	123	50	U	242-T bottoms and recycle.(2)
110	EB	750	697	277	420	53	U	242-T bottoms and recycle.(2)
111	EB	750	708	319	389	42	U	242-T bottoms and recycle.(2)
112	EB	750	711	47	664	39	U	242-T bottoms and recycle.(2)
113	EB	750	697	41	656	53	U	Salt filled. (2) 21 to 115-TX.
114	EB	750	684	22	662	66	U	Salt filled. (2) 55 to 115-TX.
115	EB	750	730	90	640	20	U	Salt filled. (2) (3)
116	---	750	631	0	631	119	U	Contains diatomaceous earth.
117	---	750	626	0	626	124	U	Contains diatomaceous earth.
118	EB	750	634	374	260	116	U	93 from 234-5-Z; 118 from 101-TX; 123 from 102-TY; 95 from 115-TX; 163 water; 605 evap.
TOTAL		13500	11,811	5,588	6,223			
TY FARM								
101	---	750	169	0	169	581	U	Suspect leaker; 9 to 102-TY.
102	EB-BL-OWW-(4)	750	494	319-26-54-(4)	29	256	EB	9 from 101-TY; 6 from 103-TY.(5)
103	---	750	219	0	219	531	None	Tank leaks; 6 to 102-TY.
104	BL-OWW-RIX	750	40	3-4-4	29	710	U	Removed from service; 1 to 102-TY.
105	---	750	285	0	285	465	None	Tank leaks.
106	---	750	18	0	18	732	None	Tank leaks. Contains diatomaceous earth.
TOTAL		4500	1,225	476	749			

* SEE PAGE 9 FOR CODE

- (1) IX-1C-TBP 89-84-3
- (2) 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.
- (3) 21 from 113-TX; 55 from 114-TX; 95 to 118-TX.
- (4) RIX-TBP-R 50-2-14
- (5) 1 from 104-TY; 123 to 118-TX.

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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	
S FARM								
101	EB	750	519	275	244	231	EB	257 from 107-S; 345 to 102-S; 242-S bottoms and recycle.(1)
102	EB	750	662	517	145	88	U	242-S feed tank. (1) (2)
103	EB	750	513	476	37	237	U	242-S bottoms and recycle.(1)
104	R	750	301	60	241	449	U	Suspect leaker.
105	EB	750	541	0	541	209	U	Salt filled.(1)
106	EB	750	733	176	557	17	U	242-S bottoms and recycle.(1)
107	BL-IX-PL-BNW-N-LW-CW	750	519	10-116-8-4-13-14-11	343	231	EB	393 from 103-BX; 7 from 104-S; 72 from 107-U; 11 from 302-S Catch tank;
108	EB	750	719	13	706	31	U	Salt filled.(1) 92 from 104-BX.(3)
109	EB	750	717	64	653	33	U	Salt filled.(1)
110	EB	750	695	440	255	55	U	242-S bottoms and recycle.(1)
111	EB	750	692	129	563	58	U	242-S bottoms and recycle.(1)
112	EB	750	730	57	673	20	U	Salt filled.(1)
TOTAL		9000	7,341	2,383	4,958			
SX FARM								
101(NB)	EB	1000	923	457	466	77	U	242-S bottoms and recycle.(1)
102(NB)	EB	1000	609	492	117	391	U	242-S bottoms and recycle.(1)
103(NB)	CW-OWW-R	1000	928	388-424-37	79	72	U	Awaiting solidification.
104(NB)	EB-RIX	1000	926	90-697	139	74	U	Awaiting solidification.
105	EB-RIX	1000	937	187-713	37	63	U	Awaiting solidification.
106(NB)	Water	1000	238	237	1	762	U	Awaiting solidification; 739 to 102-S.
107	EB	1000	109	0	109	891	None	Tank leaks.
108	EB	1000	87	0	87	913	None	Tank leaks.
109	EB	1000	257	0	257	743	None	Tank leaks.
110	RIX-R	1000	420	295-93	32	580	IX	
111	EB	1000	125	0	125	875	None	Tank leaks.
112	EB	1000	106	0	106	894	None	Tank leaks.
113	EB	1000	6	0	6	994	None	Tank leaks. Contains diatomaceous
114	EB	1000	200	0	200	800	U	Suspect leaker. earth.
115	EB	1000	6	0	6	994	None	Tank leaks.
TOTAL		15000	5,877	4,110	1,767			

- (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 and SX Farm tanks.
- (2) 345 from 101-S; 274 from 107-S; 739 from 106-SX; 1260 water; 1992 evaporated.
- (3) 7 from 103-C; 257 to 101-S; 274 to 102-S.

* SEE PAGE 9 FOR CODE

** NB- TANK NOT EQUIPPED FOR BOILING WASTE

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ARH-CD-133D

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	938	19-886	33	62	U	Sluicing completed in March 1969.
102	B	1000	652	635	17	348	B	Sluicing completed in Sept. 1974. (1)
103	Water	1000	55	41	14	945	B	Sluicing completed in Sept. 1974. (2)
104	PSS	1000	55	16	39	945	U	Sluicing; 545 from AR Vault.
105	IX	1000	52	19	33	948	None	Tank leaks; no sluicing activity.
106	B	1000	751	740	11	249	B	Sluicing completed in January 1974; 276 to 102-A.
TOTAL		6000	2,503	2,356	147			
AX FARM								
101	PSS	1000	787	718	69	213	U	
102	B	1000	314	264	50	686	B	
103	PSS	1000	822	734	88	178	U	59 to 105-C.
104	PSS	1000	732	685	47	268	U	
TOTAL		4000	2,655	2,401	254			
AY FARM								
101	B	1000	963	911	52	37	U	3 from 152-AX Catch Tank.
102	Water	1000	209	209	0	791	U	Spare.
TOTAL		2000	1,172	1,120	52			
AZ FARM								
101		1000					U	Under construction.
102		1000					U	Spare.
TOTAL		2000						

- (1) 104 from B Plant; 276 from 106-A; 29 from AR Vault.
 (2) 266 from AR Vault.

* 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 Laboratory waste

TANK FARM SUMMARY

(THOUSANDS OF GALLONS)

QUARTER ENDING December 31, 1974

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	640	640	0
	60	5	530	530	31,800	23,571	16,311	7,260
TX, TY, BY, S	48	5	750	750	36,000	29,217	27,734	1,483
SX (REDOX NON-BOILING TYPE)	5	0	1000	1000	5,000	3,624	3,624	0
SX (REDOX BOILING TYPE)	10	7	1000	1000	10,000	2,833	2,253	580
A (PUREX BOILING TYPE)	6	1	1000	1000	6,000	4,045	2,503	1,542
AX (PUREX BOILING TYPE)	4	0	1000	1000	4,000	4,000	3,314	686
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
SY (Purex Boiling Type) (4)	3	-	1000	1000	-	-	-	0

(1) Storage capacity in the nonboiling tank farms after disallowing: Space in leaking tanks (102-BX, 108-BX, 103-BX, 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; for B Plant IX Feed; space in salt filled tanks; space in tanks removed from service; and space in tanks awaiting solidification. Consists of reduction in the "Gross Useful Storage Capacity" of the boiling tank farm as follows:

Tank Farm	Tank	Gallons Reduction	Reason
SX (Redox nonboiling type)	106-SX		Condensate Receiver
SX (Redox boiling type)	107, 108, 109, 111, 112, 113, 115-SX	7,000	Tanks leak
A (Purex boiling type)	105-A	1,000	Tanks leak

(2) For 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 under construction.

(4) 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	732	---	442	---	---	---	---
Previous Space Recovered	14,370	7,965	22,569	12,393	11,876	15,295	1,185
Total Space Recovered to Date	15,102	7,965	23,011	12,393	11,876	15,295	1,185
AVERAGE RATE THIS QUARTER (GPM)	5.53	---	3.34	---	---	---	---
AVERAGE RATE SINCE START-UP (GPM)	24.6	5.50	4.82	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 June 30, 1974.

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

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