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Environmental Management
FY96 Field Submission
Activity Data Sheet

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Operations Office: RL ID No.: 2200- 0 Revision Date: 4/24/1994
 ADS Title: SOLID WASTE STORAGE AND DISPOSAL
 WBS No.: 1.3.7.3.1 Category: WM Appr.:
 Project Title: SOLID WASTE STORAGE & DI Facility/WAG: CENTRAL WASTE COMPLEX
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: TPC: TEC:
 Contig: 0
 CNTR Manager: MCCARTHY, MM Phone: 509-376-1589
 O.O. Manager: GUERCIA, RF Phone: 509-376-5494
 H.Q. Manager: DELEON, G Phone: 301-903-7668
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 1 TRU: 17 TRU MIX: 5 LLW: 50 MLLW: 15 HAZ: 10 SANT: 0 SNF: 2

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: Y 3004U: N TSCA: Y CERCLA: Y NEPA: Y
 DOE: Y IAG: N OSHA: Y ORD: Y ST : Y TRI : N FED : Y FFCA: N
 OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		FY96 DRIVER CATEGORY			IMM RISK
					DECREMENT	TARGET	PLAN	
OE	36,751	28,458		A	0	0	0	0
CE	6,314	2,769		B	0	0	0	0
GPP	1,200	400		C	2,742	3,143	3,008	2,512
LI	0	0		D	30,355	28,733	39,940	35,073
				E	608	2,064	6,700	5,081
TOTAL	44,265	31,628		F	0	0	1,067	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	33,705	33,940	50,714	42,666

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	32,390
CE	1,015
GPP	300
LI	0
TOTAL	33,705

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	32,625	28,997	32,520	35,745	42,775
CE	1,015	794	799	786	2,116
GPP	300	1,398	1,076	3,032	2,712
LI	0	0	0	0	0
TOTAL	33,940	31,189	34,395	39,564	47,603

FTEs	FY94	FY95				
Direct	233	228				
Indirect	172	169				
Federal	0	0				
FTEs	FY96	FY97	FY98	FY99	FY00	
Direct	256	227	246	234	264	
Indirect	190	168	182	173	195	
Federal	0	0	0	0	0	

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	45,027	45,647	45,573	47,795	47,894
CE	5,387	2,297	1,637	5,368	2,338
GPP	300	2,760	1,076	3,375	3,165
LI	0	0	0	0	0
TOTAL	50,714	50,704	48,286	56,538	53,397

FTEs	FY94	FY95				
Direct	233	242				
Indirect	172	179				
Federal	0	0				
FTEs	FY96	FY97	FY98	FY99	FY00	
Direct	262	263	269	276	269	
Indirect	194	195	199	204	199	
Federal	0	0	0	0	0	

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: HAZARDOUS WASTE PRE-DESIGNATIONS										
APPROP: D						A	B	C	D	E
B&R	FY94	APPR	FY95	PRES	FY95	APPR				
EW3130020	0		503				0	0	0	0
35EW31302	0		0				0	0	0	0
39EW31302	0		0				0	0	0	0
39EW31302	0		0				561	561	630	630
							0	0	0	0
							0	0	0	0
							0	0	0	0
							0	0	0	0
TOTAL	0		503				561	561	630	630

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	561
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	561

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	561	467	588	633	1,096
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	561	467	588	633	1,096

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	630	981	1,012	1,180	1,216
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	630	981	1,012	1,180	1,216

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AB						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: CENTRAL WASTE COMPLEX (CWC)									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	3,042	3,042	4,897	4,897
EW3130020	2,350	2,107			E	0	0	0	0
35EW31302	222	295			F	0	0	0	0
39EW31302	900	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	3,472	2,403			TOTAL	3,042	3,042	4,897	4,897

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	2,584
35EW31302	458
39EW31302	0
39EW31302	0
TOTAL	3,042

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	2,584	3,089	3,245	3,902	4,112
35EW31302	458	196	603	0	990
39EW31302	0	438	0	1,558	1,527
39EW31302	0	0	0	0	0
TOTAL	3,042	3,724	3,848	5,461	6,629

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	4,439	3,662	4,075	4,292	4,528
35EW31302	458	196	603	0	676
39EW31302	0	1,800	0	1,900	1,980
39EW31302	0	0	0	0	0
TOTAL	4,897	5,659	4,678	6,192	7,184

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AD						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: FIRE SYSTEM IMPLEMENTATION									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130020	0	0			E	0	0	0	0
35EW31302	0	0			F	0	0	505	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	0			TOTAL	0	0	505	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	505	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	505	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AE				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: BURIAL GROUND CLOSURE STUDIES							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	1,456	0	0	0
EW3130020	2,334	1,176	E	0	1,456	1,620	0
35EW31302	0	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	2,334	1,176	TOTAL	1,456	1,456	1,620	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	1,456
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	1,456

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	1,456	347	738	669	1,644
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	1,456	347	738	669	1,644

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	1,620	1,668	1,718	1,770	1,823
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	1,620	1,668	1,718	1,770	1,823

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AF						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: TRU TRENCH CHARACTERIZATION									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	1,965	1,965	2,182	2,182
EW3130020	2,039	2,458			E	0	0	0	0
35EW31302	632	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	2,671	2,458			TOTAL	1,965	1,965	2,182	2,182

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	1,965
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	1,965

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	1,965	1,636	962	1,054	1,582
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	1,965	1,636	962	1,054	1,582

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	2,182	2,124	1,701	1,703	1,754
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	2,182	2,124	1,701	1,703	1,754

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF					FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AG					DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: RMW CHARACTERIZATION AND TREATME									
APPROP: D									
				A	0	0	0	0	0
				B	0	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0	0
				D	340	340	378	378	378
EW3130020	858	790		E	0	0	0	0	0
35EW31302	0	0		F	0	0	0	0	0
39EW31302	0	0		G	0	0	0	0	0
39EW31302	0	0		H	0	0	0	0	0
				I	0	0	0	0	0
TOTAL	858	790		TOTAL	340	340	378	378	378

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	340
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	340

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	340	283	277	324	495
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	340	283	277	324	495

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	378	374	385	550	549
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	378	374	385	550	549

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AH						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: BURIAL GROUNDS									
APPROP: D									
B&R	FY94 APPR	FY95 PRES	FY95 APPR						
				A	0	0	0	0	0
				B	0	0	0	0	0
				C	0	0	0	0	0
				D	3,344	3,566	3,954	3,954	3,954
EW3130020	2,918	2,236		E	0	0	0	0	0
35EW31302	1,065	655		F	0	0	0	0	0
39EW31302	0	200		G	0	0	0	0	0
39EW31302	0	0		H	0	0	0	0	0
				I	0	0	0	0	0
TOTAL	3,983	3,091		TOTAL	3,344	3,566	3,954	3,954	3,954

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	2,787
35EW31302	557
39EW31302	0
39EW31302	0
TOTAL	3,344

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	3,009	3,012	3,048	3,272	3,776
35EW31302	557	295	65	720	393
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	3,566	3,307	3,113	3,992	4,169

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	3,398	3,590	3,819	4,027	4,226
35EW31302	557	295	65	720	393
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	3,954	3,885	3,885	4,747	4,619

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AJ				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-025 RMW DISPOSAL STARTUP							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	439	439	495	0
			D	57	57	57	57
EW3130020	433	459	E	0	0	0	0
35EW31302	0	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	433	459	TOTAL	496	496	552	57

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	496
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	496

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	496	483	325	381	395
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	496	483	325	381	395

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	552	568	405	421	438
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	552	568	405	421	438

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AK				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: HAZARDOUS WASTE							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	614	614	727	727
EW3130020	493	437	E	0	0	0	0
35EW31302	20	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	513	437	TOTAL	614	614	727	727

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	614
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	614

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	614	648	682	815	878
35EW31302	0	190	0	0	33
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	614	838	682	815	911

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	727	792	826	905	977
35EW31302	0	190	0	0	33
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	727	982	826	905	1,010

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AL				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: TRANSURANIC WASTE							
APPROP: D			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
				D	1,788	1,788	2,099
EW3130020	1,554	1,010		E	0	0	0
35EW31302	545	327		F	0	0	0
39EW31302	0	200		G	0	0	0
39EW31302	0	0		H	0	0	0
				I	0	0	0
TOTAL	2,099	1,538		TOTAL	1,788	1,788	2,099
					1,788	1,788	2,099

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	1,788
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	1,788

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	1,788	1,913	1,767	2,110	2,366
35EW31302	0	65	131	65	0
39EW31302	0	960	1,076	1,175	1,185
39EW31302	0	0	0	0	0
TOTAL	1,788	2,939	2,974	3,351	3,551

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	2,099	2,607	2,453	2,597	2,754
35EW31302	0	65	131	65	0
39EW31302	0	960	1,076	1,175	1,185
39EW31302	0	0	0	0	0
TOTAL	2,099	3,632	3,660	3,837	3,939

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AM				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: TRUSAF CLOSURE							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130020	0	0	E	0	0	0	0
35EW31302	0	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	0	0	TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	252	239	272	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	252	239	272	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	638	1,262	1,910	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	638	1,262	1,910	0

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AN				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: SOLID WASTE PERMITTING							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR				
				A	0	0	0
				B	0	0	0
				C	0	0	0
				D	987	998	1,222
EW3130020	1,015	948		E	0	0	0
35EW31302	0	0		F	0	0	0
39EW31302	0	0		G	0	0	0
39EW31302	0	0		H	0	0	0
				I	0	0	0
TOTAL	1,015	948		TOTAL	987	998	1,222

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	987
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	987

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	998	831	1,112	1,141	1,370
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	998	831	1,112	1,141	1,370

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	1,222	1,259	1,429	1,472	1,516
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	1,222	1,259	1,429	1,472	1,516

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AP				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: SAFETY DOCUMENTATION							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	2,862	2,862	3,181	3,181
EW3130020	4,199	2,765	E	0	0	0	0
35EW31302	25	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	4,224	2,765	TOTAL	2,862	2,862	3,181	3,181

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	2,862
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	2,862

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	2,862	2,065	2,135	2,167	2,327
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	2,862	2,065	2,135	2,167	2,327

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	3,181	2,630	2,616	2,505	2,580
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	3,181	2,630	2,616	2,505	2,580

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AQ						DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: NEPA STRATEGY										
APPROP: D						0	0	0	0	
B&R						0	0	0	0	
FY94 APPR	FY95 PRES	FY95 APPR	A	0	0	0				
FY94 APPR	FY95 PRES	FY95 APPR	B	0	0	0				
FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0				
FY94 APPR	FY95 PRES	FY95 APPR	D	526	526	2,836				
FY94 APPR	FY95 PRES	FY95 APPR	E	0	0	0				
FY94 APPR	FY95 PRES	FY95 APPR	F	0	0	0				
FY94 APPR	FY95 PRES	FY95 APPR	G	0	0	0				
FY94 APPR	FY95 PRES	FY95 APPR	H	0	0	0				
FY94 APPR	FY95 PRES	FY95 APPR	I	0	0	0				
TOTAL	TOTAL	TOTAL	TOTAL	526	526	2,836	0			

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	526
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	526

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	526	438	429	500	770
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	526	438	429	500	770

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	2,836	2,921	805	829	854
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	2,836	2,921	805	829	854

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY									
SUB-DESC: PROGRAM: EM SUBACT: AR						DECREMENT	TARGET	PLAN	IMM RISK						
TITLE: W-272 SPECIAL CASE WASTE STORAGE															
APPROP: D															
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D	E	F	G	H	I
EW3130020	644		214				0	0	0	0	0	0	0	0	0
35EW31302	3,360		665				0	0	400	0	0	0	0	0	0
39EW31302	300		0				0	0	0	300	0	0	0	0	0
39EW31302	0		0				0	0	0	4,836	0	0	0	0	0
TOTAL	4,304		879				700	700	700	4,836	0	0	0	0	4,836

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	400
35EW31302	0
39EW31302	300
39EW31302	0
TOTAL	700

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	400	421	412	179	425
35EW31302	0	0	0	0	653
39EW31302	300	0	0	299	0
39EW31302	0	0	0	0	0
TOTAL	700	421	412	478	1,078

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	478	545	514	211	525
35EW31302	4,058	665	0	4,058	665
39EW31302	300	0	0	300	0
39EW31302	0	0	0	0	0
TOTAL	4,836	1,210	514	4,569	1,191

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AS						DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: SWITS										
APPROP: D										
B&R	FY94	APPR	FY95	PRES	FY95	APPR				
						A	0	0	0	0
						B	0	0	0	0
						C	0	0	0	0
						D	827	827	923	923
EW3130020	878		806			E	0	0	0	0
35EW31302	300		0			F	0	0	0	0
39EW31302	0		0			G	0	0	0	0
39EW31302	0		0			H	0	0	0	0
						I	0	0	0	0
TOTAL	1,178		806			TOTAL	827	827	923	923

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	827
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	827

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	827	492	478	554	571
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	827	492	478	554	571

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	923	579	597	614	633
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	923	579	597	614	633

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AT				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: OPERATIONS ADMINISTRATION							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	1,392	1,392	1,499
				D	4,132	4,132	0
EW3130020	5,050	4,562		E	0	0	5,081
35EW31302	145	0		F	0	0	0
39EW31302	0	0		G	0	0	0
39EW31302	0	0		H	0	0	0
				I	0	0	0
TOTAL	5,195	4,562		TOTAL	5,524	5,524	6,580
							6,580

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	5,524
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	5,524

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	5,524	5,262	5,751	6,016	7,690
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	5,524	5,262	5,751	6,016	7,690

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	6,580	6,992	7,649	8,281	8,529
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	6,580	6,992	7,649	8,281	8,529

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AU				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-221 PHASE 2 RETRIEVAL FACILITY							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130020	184	164	E	0	0	0	0
35EW31302	0	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	184	164	TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AV						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: SOLID WASTE LAB SUPPORT									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	291	291	324	324
EW3130020	323	141			E	0	0	0	0
35EW31302	0	386			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	323	527			TOTAL	291	291	324	324

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	291
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	291

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	291	296	274	279	307
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	291	296	274	279	307

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	324	349	343	313	339
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	324	349	343	313	339

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AW				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: SOLID WASTE PROGRAM MANAGEMENT							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	4,080	4,080	4,213	4,213
EW3130020	5,379	3,580	E	0	0	0	0
35EW31302	0	158	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	5,379	3,738	TOTAL	4,080	4,080	4,213	4,213

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	4,080
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	4,080

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	4,080	3,120	3,701	3,882	4,371
35EW31302	0	47	0	0	47
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	4,080	3,167	3,701	3,882	4,418

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	4,213	4,439	4,573	4,710	4,851
35EW31302	0	47	0	0	47
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	4,213	4,487	4,573	4,710	4,899

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AX				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: TRU WASTE CERTIFICATION							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	254	254	282	282
EW3130020	272	240	E	0	0	0	0
35EW31302	0	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	272	240	TOTAL	254	254	282	282

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	254
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	254

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	254	247	207	243	288
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	254	247	207	243	288

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	282	291	300	310	320
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	282	291	300	310	320

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER		CATEGORY	
SUB-DESC: PROGRAM: EM SUBACT: AZ				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: ENVIRONMENTAL RESTORATION DISPO							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	847	847	1,286	1,286
EW3130020	0	0	E	0	0	0	0
35EW31302	0	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	0	0	TOTAL	847	847	1,286	1,286

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	847
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	847

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	847	1,467	1,422	1,655	2,068
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	847	1,467	1,422	1,655	2,068

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	1,286	2,061	2,134	2,229	2,294
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	1,286	2,061	2,134	2,229	2,294

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: BA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: THERMAL TREATMENT PRIVATIZATION									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	772	772	4,225	4,225
EW3130020	935	108			E	0	0	0	0
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	935	108			TOTAL	772	772	4,225	4,225

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	772
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	772

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	772	644	3,028	3,817	4,284
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	772	644	3,028	3,817	4,284

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	4,225	4,351	4,482	4,617	4,755
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	4,225	4,351	4,482	4,617	4,755

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: BB				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: RMW STABILIZATION (PRIVATIZATION)							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	0	0	0
				B	0	0	0
				C	0	0	0
				D	0	0	0
				E	0	0	0
				F	0	0	0
				G	0	0	0
				H	0	0	0
				I	0	0	0
TOTAL	0	108		TOTAL	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: BC						DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: POLLUTION PREVENTION										
APPROP: D										
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D
EW3130020	0		0				0	0	0	0
35EW31302	0		0				0	0	0	0
39EW31302	0		0				0	0	0	0
39EW31302	0		0				0	0	562	0
TOTAL	0		0				0	0	562	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	247	345	355	265	258
35EW31302	314	838	838	524	524
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	562	1,183	1,193	789	782

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: BD				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: SMALL PROJECT SUPPORT W-300 & W-							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	0	0	0
				B	0	0	0
				C	911	912	1,013
				D	1	0	0
EW3130020	412	311		E	0	0	0
35EW31302	0	281		F	0	0	0
39EW31302	0	0		G	0	0	0
39EW31302	0	0		H	0	0	0
				I	0	0	0
TOTAL	412	592		TOTAL	912	912	1,013

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	912
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	912

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	912	96	93	108	111
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	912	96	93	108	111

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	1,013	113	116	120	123
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	1,013	113	116	120	123

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY									
SUB-DESC: PROGRAM: EM SUBACT: BF						DECREMENT	TARGET	PLAN	IMM RISK						
TITLE: TREATMENT, STORAGE, & DISPOSAL TECH															
APPROP: D															
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D	E	F	G	H	I
EW3130020	327		288				0	0	0	0	0	0	0	0	0
35EW31302	0		0				0	0	0	0	0	0	0	0	0
39EW31302	0		0				0	0	0	0	0	0	0	0	0
39EW31302	0		0				0	0	0	0	0	0	0	0	0
TOTAL	327		288				182	184	203						

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	182
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	182

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	184	178	332	291	298
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	184	178	332	291	298

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	203	209	415	323	330
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	203	209	415	323	330

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: BH				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: NDE/NDA NEWLY GENERATED WASTE							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	B	C	D
EW3130020	476	0		0	0	0	0
35EW31302	0	0		0	0	0	0
39EW31302	0	0		0	0	0	0
39EW31302	0	0		0	0	0	0
TOTAL	476	0		0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: BJ						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: SOLID WASTE PROJECTION MODEL									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	676	676
EW3130020	937	910			E	608	608	0	0
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	937	910			TOTAL	608	608	676	676

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	608
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	608

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	608	596	575	666	709
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	608	596	575	666	709

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	676	719	717	738	786
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	676	719	717	738	786

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: BK				DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: ENVIRONMENTAL PERMITTING AND CLO								
APPROP: D								
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	0	0	0	0
				B	0	0	0	0
				C	0	0	0	0
				D	728	728	809	0
				E	0	0	0	0
				F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
TOTAL	2,241	1,702		TOTAL	728	728	809	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	728
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	728

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	728	713	697	815	842
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	728	713	697	815	842

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	809	840	871	904	933
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	809	840	871	904	933

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF
 SUB-DESC: PROGRAM: EM SUBACT: BN
 TITLE: SODIUM PRIVITIZATION
 APPROP: D

						FY96 DRIVER CATEGORY			
						DECREMENT	TARGET	PLAN	IMM RISK
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94	APPR	FY95	PRES	FY95	APPR	C	0	0
							D	0	0
							E	0	0
EW3130020	36		0				F	0	0
35EW31302	0		0				G	0	0
39EW31302	0		0				H	0	0
39EW31302	0		0				I	0	0
TOTAL	36		0				TOTAL	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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Al06 Cross References

Al06 Number: Permit-001

Date: 6/25/92

Title: Solid Waste Permitting

Federal Facility Identification: WA 890108967

Region: 10

Status: CMPA

Assessment: M

Progress: CNTS

Date: 6/25/92

Al06 Number: W-025

Title: RMW Disposal Facility

Federal Facility Identification: WA 890108967

Region: 10

Status: PSDF

Assessment: M

Progress: CON

Tiger Team Cross References

Tiger Team Finding Number: TSCA/CF-1

Date: 8/08/90

Title: PCB/RAD WASTE IS STORED BEYOND 1 YEAR IN CWC STORAGE BUILDINGS

Tiger Team Finding Number: WM/BMPF-2

Date: 8/08/90

Title: LACK OF SITEWIDE WASTE TRACKING SYSTEM

Tiger Team Finding Number: WM/BMPF-3

Date: 8/08/90

Title: LACK OF SAMPLING AND ANALYSIS OF RADIOACTIVE WASTE

Tiger Team Finding Number: WM/CF-1

Date: 8/08/90

Title: EHW STORED IN UNPROTECTED CONTAINERS

Tiger Team Finding Number: WM/CF-2

Date: 8/08/90

Title: LACK OF GENERATOR WASTE CERT PLANS FOR NAVAL REACTOR WASTES

Tiger Team Finding Number: WM/CF-6

Date: 8/08/90

Title: NON-COMPLIANCE WITH DOE ORDER 5820.2A RAD WASTE MANAGEMENT

Tiger Team Finding Number: WM/CF-8

Date: 8/08/90

Title: STORAGE OF MIXED WASTE IN CONTAINERS OF QUESTIONABLE INTEGRITY

FY95-99 ADS Cross References

ADS #: RL 2200 0

Title: Solid Waste Storage and Disposal

Transferred in its entirety: N

Explanation of Change:

Outyear projects were transferred to ADS RL-2250-00.

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MILESTONES

Milestone No.: A12-94-001 Milestone Seq: 2200-00-0075 TPA MS NO.: NONE
Title: SUBMIT SOLID WASTE FIVE YEAR PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
5/01/1994 5/01/1994 5/01/1994 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
Department of Energy require five year planning.

Milestone No.: A12-94-004 Milestone Seq: 2200-00-0135 TPA MS NO.: NONE
Title: SUBMIT SOLID WASTE MULTI-YEAR PROGRAM PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
8/31/1994 8/31/1994 8/31/1994 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
The U.S. Department of Energy requires the Multi-Year Program Plan.

Milestone No.: A14-94-005 Milestone Seq: 2200-00-0095 TPA MS NO.: NONE
Title: FUNCTIONAL APPROVED LOW-LEVEL BURIAL GROUND SAFETY ANALYSIS REPT
Planning Date Target Date Decrement Date Level: CNTR Keyword: D
9/24/1994 9/24/1994 9/24/1994 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: SAFETY COMPLIANCE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
Radioactive waste disposal operations must be bounded by an approved Safety Analysis Report.

Milestone No.: A15-94-006 Milestone Seq: 2200-00-0070 TPA MS NO.: NONE
Title: GLOVEBOX EXAMINATION AND REPORTING COMPLETE
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1994 9/30/1994 9/30/1994 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: ENVIRONMENTAL SAFETY
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
Issue final report.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 2200-00-0090 TPA MS NO.: NONE
Title: FUNCTIONAL APPROVED SOLID WASTE STORAGE SAFETY ANALYSIS REPORT
Planning Date Target Date Decrement Date Level: CNTR Keyword: S
3/13/1995 3/13/1995 3/13/1995 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: SAFETY COMPLIANCE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
Radioactive waste storage operations must be bounded by an approved Safety Analysis Report.

Milestone No.: none Milestone Seq: 2200-00-0005 TPA MS NO.: NONE
Title: SUBMIT SOLID WASTE FIVE YEAR PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
5/01/1995 5/01/1995 5/01/1995 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
Department of Energy requires five year planning.

Milestone No.: NONE Milestone Seq: 2200-00-0145 TPA MS NO.: NONE
Title: SUBMIT SOLID WASTE MULTI-YEAR PROGRAM PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
8/31/1995 8/31/1995 8/31/1995 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
The U.S. Department of Energy requires the Multi-Year Program Plan.

Milestone No.: NONE Milestone Seq: 2200-00-0045 TPA MS NO.: M-18/19
Title: Examine select RINM containers as part of Pilot Retrieval Plan
Planning Date Target Date Decrement Date Level: CNTR Keyword: FW
9/30/1995 9/30/1995 9/30/1995 PTS: N SMS: N
Driver Name: TRI Driver Reference: TPA
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
Addresses the actions required by the spent fuel vulnerability action plan.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 2200-00-0060 TPA MS NO.: M-18/19
Title: EXAMINE/MANAGE RINM STORED IN NON EBR-II CASKS
Planning Date Target Date Decrement Date Level: CNTR Keyword: FW
9/30/1995 9/30/1995 9/30/1995 PTS: N SMS: N
Driver Name: TRI Driver Reference: TPA
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
Addresses the actions required by the spent fuel vulnerability action plan.

Milestone No.: NONE Milestone Seq: 2200-00-0010 TPA MS NO.: NONE
Title: SOLID WASTE FIVE YEAR PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
5/01/1996 5/01/1996 5/01/1996 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
Department of Energy requires five year planning.

Milestone No.: NONE Milestone Seq: 2200-00-0150 TPA MS NO.: NONE
Title: SUBMIT SOLID WASTE MULTI-YEAR PROGRAM PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
8/31/1996 8/31/1996 8/31/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
The U.S. Department of Energy requires the Multi-Year Program Plan.

Milestone No.: NONE Milestone Seq: 2200-00-0040 TPA MS NO.: NONE
Title: Complete Pilot Retrieval of Unvented TRU Drums
Planning Date Target Date Decrement Date Level: CNTR Keyword: FW
9/30/1996 9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: TRI Driver Reference: TPA
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
Retrieve and vent drums from retrievable storage.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 2200-00-0050 TPA MS NO.: M-18/19
Title: CONDUCT ENGINEERING ASSESSMENT OF RINM CONTAINER LIFE
Planning Date Target Date Decrement Date Level: CNTR Keyword: FW
9/30/1996 9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: TRI Driver Reference: TPA
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
Addresses the actions required by the spent fuel vulnerability action plan.

Milestone No.: NONE Milestone Seq: 2200-00-0020 TPA MS NO.: NONE
Title: SUBMIT SOLID WASTE FIVE YEAR PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
5/01/1997 5/01/1997 5/01/1997 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
Department of Energy requires five year planning.

Milestone No.: NONE Milestone Seq: 2200-00-0155 TPA MS NO.: NONE
Title: SUBMIT SOLID WASTE MULTI-YEAR PROGRAM PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
8/31/1997 8/31/1997 8/31/1997 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
The U.S. Department of Energy requires the Multi-Year Program Plan.

Milestone No.: NONE Milestone Seq: 2200-00-0080 TPA MS NO.: NONE
Title: TRUSAF UPGRADE - REPLACE ROOF AND REPAIR WALLS
Planning Date Target Date Decrement Date Level: CNTR Keyword: S
9/30/1997 9/30/1997 9/30/1997 PTS: N SMS: N
Driver Name: DOE Driver Reference: FEDERAL/STATE REGULATIONS
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
UPGRADES ARE REQUIRED TO EXTEND TRUSAF FACILITY LIFE TO CONTINUE TO MANAGE TRU
WASTES UNTIL WIPP BEGINS OPERATIONS.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 2200-00-0025 TPA MS NO.: NONE
Title: SUBMIT SOLID WASTE FIVE YEAR PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
5/01/1998 5/01/1998 5/01/1998 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
Department of Energy requires five year planning.

Milestone No.: NONE Milestone Seq: 2200-00-0160 TPA MS NO.: NONE
Title: SUBMIT SOLID WASTE MULTI-YEAR PROGRAM PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
8/31/1998 8/31/1998 8/31/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
The U.S. Department of Energy requires the Multi-Year Program Plan.

Milestone No.: NONE Milestone Seq: 2200-00-0110 TPA MS NO.: NONE
Title: TRUSAF UPGRADES
Planning Date Target Date Decrement Date Level: CNTR Keyword: S
9/30/1998 9/30/1998 9/30/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: FEDERAL/STATE REGULATIONS
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
Perform airlock, loading dock, HLAN, outside air monitor, inventory control,
electrical, fire alarm, and RAD & Gas monitor upgrades to extend Trusaf Facility
life to manage TRU Waste until WIPP begins operations.

Milestone No.: NONE Milestone Seq: 2200-00-0030 TPA MS NO.: NONE
Title: SUBMIT SOLID WASTE FIVE YEAR PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
5/01/1999 5/01/1999 5/01/1999 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
Department of Energy requires five year planning

MILESTONES Continued

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 2200-00-0165 TPA MS NO.: NONE
Title: SUBMIT SOLID WASTE MULTI-YEAR PROGRAM PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
8/31/1999 8/31/1999 8/31/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

The U.S. Department of Energy requires the Multi-Year Program Plan.

Milestone No.: NOPNE Milestone Seq: 2200-00-0105 TPA MS NO.: NONE
Title: TRUSAF UPGRADES
Planning Date Target Date Decrement Date Level: CNTR Keyword: S
9/30/1999 9/30/1999 9/30/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: FEDERAL/STATE REGULATIONS
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

Perform modified storage, security, and HVAC upgrades to extend Trusaf Facility life to manage TRU waste until WIPP begins operation.

Milestone No.: NONE Milestone Seq: 2200-00-0015 TPA MS NO.: NONE
Title: SUBMIT SOLID WASTE FIVE YEAR PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
5/01/2000 5/01/2000 5/01/2000 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

Department of Energy requires five year planning.

Milestone No.: NONE Milestone Seq: 2200-00-0035 TPA MS NO.: NONE
Title: SUBMIT SOLID WASTE MULTI-YEAR PROGRAM PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
8/31/2000 8/31/2000 8/31/2000 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

The U.S. Department of Energy requires the Multi-Year Program Plan.

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 2200-00-0100 TPA MS NO.: NONE
Title: TRUSAF UPGRADES
Planning Date Target Date Decrement Date Level: CNTR Keyword: S
9/30/2000 9/30/2000 9/30/2000 PTS: N SMS: N
Driver Name: DOE Driver Reference: FEDERAL/STATE REGULATIONS
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

Perform ventilation duct, primary exhaust, and elevator upgrades to extend Trusaf Facility life to manage TRU waste until WIPP begins operation.

NARRATIVE

LAST UPDATE: 04-24-1994 TIME: 13:36:04

Technical Scope Summary(Limit 15 line or less):

The Solid Waste Program is a multi-faceted program. This Activity Data Sheet funds treatment, storage, and disposal associated with solid low-level, mixed, Transuranic (TRU), and non-radioactive hazardous wastes at the Hanford Site (excluding municipal wastes). This activity includes management of certain reactor irradiated nuclear material and high activity wastes in the Low-Level Burial Ground (LLBG). A small quantity of greater than Class C waste is also managed. The intent of this activity is to provide initial planning and scoping of waste management facilities and activities, operation of these facilities, and eventual closure of these facilities or activities. These facilities include below grade storage and disposal areas in the LLBGs, above grade RCRA compliant mixed waste storage facilities, TRU waste storage buildings and the RCRA compliant non-radioactive dangerous waste storage facility.

Technical Scope Detail(Limit 104 lines or less):

This Solid Waste Activity is a split funded program. Prior to 1993 most activities were funded via a chargeback/assessment program designed to liquidate the costs associated with storage and disposal of solid wastes. The base program was partially direct funded in 1993 and fully direct funded in 1994. The chargeback/assessment program will continue to fund the actual cost of waste receipts.

This activity provides the operations of Solid Waste facilities per the requirements of Washington Administrative Code (WAC) 173-303 and supports Part B Permit activities. These facilities provide RCRA compliant storage of TRU mixed, certified TRU, and mixed low level wastes; the disposal of contact and remote handled low level waste; and storage of dangerous wastes. TRU trench characterization activities support Tri Party Agreement (TPA) milestones M-18-00 and M-19-00. Solid Waste permitting provides RCRA

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permit application activities in support of TPA milestones M-20-02, M-20-05, M-20-06, M-20-12, M-20-23, M-20-25, M-20-26 and M-20-28. Special case waste storage activities support TPA milestones M-10-00 and M-03-00. Funding of the Environmental Restoration Disposal Facility supports TPA milestones to perform environmental remediation of the 100 Area.

This activity funds the operation, maintenance, monitoring, surveillance and waste characterization activities necessary to maintain safe, compliant conditions in preparation to receive waste in the Central Waste Complex (CWC), Low-Level Burial Grounds (LLBG), Transuranic Storage and Assay Facility (TRUSAF), and the Non-Radioactive Dangerous Waste Storage Facility.

This activity also funds monitoring and surveillance of legacy wastes. There are 38,000 containers of suspect transuranic waste stored in the LLBGs. These wastes will be retrieved, characterized, certified, and shipped to the Waste Isolation Pilot Plant (WIPP) in New Mexico. Other legacy wastes include mixed wastes stored in the solid waste facilities awaiting treatment.

This activity includes Program management responsibilities to support short and long range planning such as the Hanford Strategic Plan, Hanford Mission Plan, Hanford Multi-Year Program Plan, Hanford Fiscal Year Work Plan, and the DOE-HQ Five-Year Plan. Program management includes the budgeting and scheduling functions required to support program management responsibilities and an array of monthly reporting activities to RL including support to the Site Management System and the DOE-HQ monthly Progress Tracking System (PTS).

Act. Comp. to Date/Current Year (FY 1994) Desc. (Limit 52 lines or less):

The first draft of the TRUSAF Part B Permit (Tri-Party Agreement M-20-23) applications were submitted to the regulators. The review comment resolution cycle on the LLBG Part B Permit and the Non-Radioactive Dangerous Waste Part B Permit continued. The mixed waste disposal trench PSAR, TRU Waste Retrieval Safety Document and the Irradiated Fuel Storage Document were completed and sent to the U.S. Department of Energy Field Office, Richland for review/approval. The DOE Richland field office has approved the mixed waste disposal PSAR and the irradiated fuel storage document. The TRU waste pilot retrieval safety document has been approved by DOE-HQ. Closure plans were submitted for the Ashpit Demolition Site (TPA M-20-26), E-8 Borrow Pit Demolition Site (TPA M-20-28), and the Patrol Academy Demolition Site (TPA M-20-25). Revision 4 of the waste criteria document for solid radioactive wastes and non-radioactive hazardous wastes was issued (WHC-EP-0063-4). This document provides for the segregation of radioactive wastes into classes based on the amount of radioactivity and provides criteria for Hanford to accept on-site and off-site waste for storage and disposal.

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Current year activities include the operations, maintenance, monitoring, surveillance, and waste characterization activities necessary to maintain safe, compliant operations in the preparation to receive waste. Operations support functions will maintain facility conditions for the support of waste receipts from on-site and off-site generators. This activity includes many operations support functions including facility engineering, operations support, work control, maintenance, systems engineering, safety, health physics, quality assurance and environmental overview. Activities performed by these organizations include conduct of operations; facility configuration management; review and update of operations and maintenance procedures; support for permits, SARs, safety documentation, closure plans, and NEPA documentation; performance of Job Control System functions; planning and scheduling of operations and maintenance activities; health physics monitoring and surveillance; on-line computer access and control of solid waste in the Solid Waste Information and Tracking System (SWITS); resolution of safety and environmental concerns; completion of Tiger Team findings; and performance of corrective and preventive maintenance. The performance of radiation area reduction and control continues to be a key issue for maintaining safe, compliant operations. The revised Waste Analysis Plan will be submitted as required for approval of the 616 Part B Permit Application. The Notice of Deficiency (NOD) process continues for three closure plans: Ashpit Demolition Site (TPA M-20-26), E-8 Borrow Pit Demolition Site (TPA M-20-28), and the Patrol Academy Demolition Site (TPA M-20-25). Interim Safety Basis will be submitted for CWC, TRUSAF, and LLBG. Safety documentation upgrade and support of new activities will continue. The readiness review process and start-up activities will be initiated for the Mixed Waste Disposal Trench. The TRU Retrieval Pilot Program will retrieve the first of the suspect transuranic waste from the LLBG. Efforts will continue to integrate with other DOE sites.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget Request. The delta change from the President's budget is \$5,682K, resulting in a new total of \$31,628K. These adjustments may require an FY 1995 budget amendment.

Receipt of waste for treatment/storage/disposal (TSD) will continue in support of on-site and off-site generators. Operations, maintenance, monitoring, surveillance and waste certification activities will continue in preparation to receive waste. LLW disposal capability will be enhanced by the segregation of different classes of LLW on the basis of activity. Completion of the Hanford Performance Assessment modeling will be used to specify LLW disposal parameters.

Activities will continue on the TRU Characterization Program. The contents of drums retrieved in FY94 will be examined. The safety documentation to allow retrieval of unvented drums will be submitted for approval. Unvented

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drum retrieval will be initiated.

Many operations support functions will continue including facility engineering, operations support, work control, maintenance, systems engineering, safety, health physics, quality assurance and environmental organizations. Activities performed by these organizations include conduct of operations; facility configuration management; review and update of operations and maintenance procedures; support for permits, SARs, safety documentation, closure plans, and NEPA documentation; performance of Job Control System functions; planning and scheduling of operations and maintenance activities; health physics monitoring and surveillance; on-line computer access and control of solid waste in the Solid Waste Information and Tracking System (SWITS); resolution of safety and environmental concerns; and performance of corrective and preventive maintenance. The performance of radiation area reduction and control will continue to be a key issue for maintaining safe, compliant operations.

Efforts on permitting and SAR development will continue. Revision 1 to the Part B Permit Applications for CWC and LLBG will be submitted. Resolution of the NOD on the Part B Permit Application for TRUSAF will continue. The LLBG SAR per the requirements of DOE Order 5480.23 will be submitted for approval.

Program management activities will continue in support of short and long range planning such as the Hanford Strategic Plan, Hanford Mission Plan, Hanford Fiscal Year Work Plan, Hanford Multi-Year Program Plan, the DOE-HQ Five-Year Plan, monthly reporting activities to RL for support to the Site Management System and the DOE-HQ monthly Progress Tracking System (PTS); and the budgeting and scheduling functions required to support program management responsibilities.

Activities in support of receipt of high activity waste from hot cells will continue.

Planning Year (FY 1996) Description(Limit 156 lines or less):

DECREMENT LEVEL FUNDING:

Operations, maintenance, monitoring, surveillance, and waste characterization activities will continue in the preparation to receive waste. Receipt of waste for treatment/storage/disposal (TSD) will continue in support of on-site and off-site generators. Efforts will continue on the TRU Characterization program and TRU retrieval activities.

Many operations support functions will continue including facility engineering, operations support, work control, maintenance, systems engineering, safety, health physics, quality assurance and environmental organizations. Activities performed by these organizations include conduct of operations; facility configuration management; review

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and update of operations and maintenance procedures; support for permits, SARs, safety documentation, closure plans, and NEPA documentation; performance of Job Control System functions; planning and scheduling of operations and maintenance activities; health physics monitoring and surveillance; on-line computer access and control of solid waste in the Solid Waste Information and Tracking System (SWITS); resolution of safety and environmental concerns; and performance of corrective and preventive maintenance. The performance of radiation area reduction and control will continue to be a key issue for maintaining safe, compliant operations.

Efforts in support of permitting and SAR development will continue. This includes approvals/maintenance of five Part B Permit applications. The SAR per the requirements of DOE Order 5480.23 will be submitted for CWC. Safe configuration of facilities will be maintained by developing and maintaining Safety Analysis Reports and other hazard analyses.

Program management activities will continue in support of short and long range planning such as the Hanford Strategic Plan, Hanford Mission Plan, Hanford Fiscal Year Work Plan, Hanford Multi-Year Program Plan, the DOE-HQ Five-Year Plan, monthly reporting activities to RL for support to the Site Management System and the DOE-HQ monthly Progress Tracking System (PTS); and the budgeting and scheduling functions required to support program management responsibilities.

Special case waste storage activities provide resolution of a safety issue and cleanout of the 300 Area hot cells which are needed to support TPA milestones M-10 and 30-00. This assumes that the generators will procure storage casks as needed.

TARGET LEVEL FUNDING:

The workscope for this level is the same as the decrement funding level for this ADS.

PLANNING LEVEL FUNDING:

This level provides personnel training enhancements and additional Capital Equipment funding for vehicles, equipment, and materials to support facility operations, and replace aging equipment. Additional storage would be available via a Sprung Structure type procurement.

Design and construction of a waste storage unit to provide interim dry storage for special case waste required to resolve safety issues and support Laboratory Analysis for Tank Farm Waste will be performed.

Increased support for cost estimating and budget validation would be activity waste. This level allows for procurement of storage casks for high activity waste. Privatization of Thermal Treatment is assumed to be successful with waste treatment occurring in FY96.

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Updated NEPA documentation would be provided for on going activities in the Solid Waste Low Level Burial Grounds.

This level provides the ability to perform Fire Hazard Analysis for Solid Waste facilities required by DOE Order 5480.7A and pollution prevention and waste minimization opportunities as directed in Executive Order 12856.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

Operation, maintenance, monitoring, surveillance, and waste characterization activities for the treatment/storage/disposal of waste will continue in support of on-site and off-site generators.

The five year plan for solid waste encompasses an aggressive and comprehensive schedule for the treatment, storage, and disposal of solid waste. By the end of this period, Hanford will have adequate permitted radioactive mixed storage and disposal capacity. Treatment capacity will not be available until the 1997-1999 time frame. The solid waste base program will continue to be direct funded in accordance with discussions with DOE-HQ.

Many operations support functions will continue including facility engineering, operations support, work control, maintenance, systems engineering, safety, health physics, quality assurance and environmental organizations. Activities performed by these organizations include conduct of operations; facility configuration management; review and update of operations and maintenance procedures; support for permits, SARs, safety documentation, closure plans, and NEPA documentation; performance of Job Control System functions; planning and scheduling of operations and maintenance activities; health physics monitoring and surveillance; on-line computer access and control of solid waste in the Solid Waste Information and Tracking System (SWITS); resolution of safety and environmental concerns; and performance of corrective and preventive maintenance. The performance of radiation area reduction and control will continue.

Program management activities will continue in support of short and long range planning such as the Hanford Strategic Plan, Hanford Mission Plan, Hanford Fiscal Year Work Plan, Hanford Multi-Year Program Plan, the DOE-HQ Five-Year Plan, monthly reporting activities to RL for support to the Site Management System and the DOE-HQ monthly Progress Tracking System (PTS); and the budgeting and scheduling functions required to support program management responsibilities.

Expansion of the radioactive mixed waste disposal trench will be completed, providing additional RCRA compliant waste disposal capacity.

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NARRATIVE Continued

Impacts/Assumptions(Limit 42 lines or less):

In an effort to enhance cost efficiencies, this ADS reflects a productivity commitment which achieves the same workscope at a lower unit rate, or the application of more efficient processes, or through cost avoidance.

This activity assumes that the solid waste program will continue to receive on-site and off-site waste for storage and disposal in the Hanford 200 Areas. It also assumes disposal operations will continue while NEPA requirements are planned and implemented. Additional NEPA documentation will be required for specific activities. It also assumes that an Environmental Impact Statement (EIS) will not be required for continued operations.

Trench construction for LLW disposal is assumed to be expense funded. Construction of the MW disposal trench and the advanced disposal vaults is assumed to be expense funded since these units are not Property Record Units (PRU) and have no useful life once the trenches are filled with waste.

This ADS assumes that WIPP is ready for waste receipt from Hanford in 2002. If WIPP does not open or is significantly delayed, additional waste storage facilities will need to be constructed at Hanford.

Supporting Documents(Limit 5 lines or less):

Many regulations including WAC 173-303, DOE Orders and Directives, and the Code of Federal Regulations.

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

DESCRIPTION OF REGULATORY DRIVERS

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

CERCLA:

Wastes generated under CERCLA actions will be stored and disposed in solid waste management facilities.

DOE:

DOE Orders: 4700.1A, 5400.1, 5400.5, 5480.1B, 5480.22, 5480.23, 5480.24, 5480.4, 5480.2A, 6430.1A

FED:

Code of Federal Regulations: 40CFR 191-03(b), 40CFR 60, 40CFR 61, 40CFR 260, 40CFR 261, 40CFR 262, 40CFR 264, 40CFR 265

NEPA_R:

NEPA requires an impact review on all new or significantly modified activities.

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DESCRIPTION OF REGULATORY DRIVERS Continued

RCRA:

RCRA and Washington State regulations require compliant storage and disposal of solid radioactive and hazardous waste.

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TSCA:

TSCA requires proper treatment, storage, and disposal of polychlorinated biphenyl wastes.

DESCRIPTION OF REGULATORY DRIVERS Continued

RCRA
RCRA and Washington State regulations require compliant storage and disposal of solid radioactive and hazardous waste.

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RCRA
RCRA requires proper treatment, storage, and disposal of polychlorinated biphenyl wastes.

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Operations Office: RL ID No.: 2200- 1 Revision Date: 4/24/1994
 ADS Title: PROJECT W-112, ENHANCED RMW STORAGE
 WBS No.: 1.3.7.3.2 Category: WM Appr.:
 Project Title: SWOC, ENHANCED RMW STORA Facility/WAG: CENTRAL WASTE COMPLEX
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: 94-D-411 TPC: 92600 TEC: 76400
 Contig: 14400
 CNTR Manager: MCCARTHY, MM Phone: 509-376-1589
 O.O. Manager: GUERCIA, RF Phone: 509-376-5494
 H.Q. Manager: DELEON, G Phone: 301-903-7668
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 1 TRU: 50 TRU MIX: 8 LLW: 1 MLLW: 40 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: Y CWA: N SDWA: N RCRA: Y 3004U: N TSCA: Y CERCLA: N NEPA: Y
 DOE: Y IAG: N OSHA: Y ORD: Y ST : Y TRI : N FED : Y FFCA: N
 OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		FY96 DRIVER CATEGORY			IMM RISK
					DECREMENT	TARGET	PLAN	
OE	0	972		A	8,130	8,111	9,001	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	18,630		D	0	0	0	0
				E	0	0	0	0
TOTAL	0	19,602		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	-53	0	0	0
				TOTAL	8,077	8,111	9,001	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	1,461
CE	0
GPP	0
LI	6,616
TOTAL	8,077

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TARGET LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	1,494	3,582	1,419	5,739	6,013
CE	0	0	500	0	0
GPP	0	0	0	0	0
LI	6,616	13,051	14,295	11,216	0
TOTAL	8,111	16,634	16,214	16,955	6,013

FTEs	FY94	FY95
Direct	1	9
Indirect	1	7
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	14	29	12	36	32
Indirect	11	21	9	26	24
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	1,661	4,217	1,896	6,368	6,667
CE	0	0	500	0	0
GPP	0	0	0	0	0
LI	7,339	20,734	14,337	9,553	0
TOTAL	9,001	24,951	16,733	15,921	6,667

FTEs	FY94	FY95
Direct	1	9
Indirect	1	7
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	14	29	12	36	32
Indirect	11	21	9	26	24
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & .DEC-NF					FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AA					DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: W-112 PHASE V STORAGE PROJECT IN									
APPROP: D									
				A	366	366	407	0	
				B	0	0	0	0	
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0	
				D	0	0	0	0	
EW3130020	-461	278		E	0	0	0	0	
35EW31302	0	0		F	0	0	0	0	
39EW31302	0	0		G	0	0	0	0	
39EW31302	0	0		H	0	0	0	0	
				I	-53	0	0	0	
TOTAL	-461	278		TOTAL	313	366	407	0	

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	313
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	313

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	366	349	203	227	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	366	349	203	227	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	407	411	254	252	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	407	411	254	252	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AB						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-112 PHASE V STORAGE SYSTEMS EN									
APPROP: D									
					A	301	281	313	0
					B	0	0	0	0
B&R	FY94	APPR	FY95	PRES	FY95	APPR	C	0	0
							D	0	0
EW3130020	136		566				E	0	0
35EW31302	0		0				F	0	0
39EW31302	0		0				G	0	0
39EW31302	0		0				H	0	0
							I	0	0
TOTAL	136		566				TOTAL	301	281
								313	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	301
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	301

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	281	251	279	181	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	281	251	279	181	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	313	296	348	201	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	313	296	348	201	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AC						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-112 PHASE V STORAGE STARTUP AC									
APPROP: D									
					A	628	628	698	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130020	70	87			E	0	0	0	0
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	70	87			TOTAL	628	628	698	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	628
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	628

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	628	2,718	685	299	0
35EW31302	0	0	500	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	628	2,718	1,185	299	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	698	3,199	979	331	0
35EW31302	0	0	500	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	698	3,199	1,479	331	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AD				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-112 PHASE V STORAGE CDR/ACDR							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130020	248	0		E	0	0	0
35EW31302	0	0		F	0	0	0
39EW31302	0	0		G	0	0	0
39EW31302	0	0		H	0	0	0
				I	0	0	0
TOTAL	248	0		TOTAL	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AE				DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: W-112 PHASE V STORAGE EQUIPMENT								
APPROP: D								
				A	219	219	244	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW3130020	7	41		E	0	0	0	0
35EW31302	0	0		F	0	0	0	0
39EW31302	0	0		G	0	0	0	0
39EW31302	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	7	41		TOTAL	219	219	244	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	219
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	219

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	219	265	252	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	219	265	252	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	244	312	315	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	244	312	315	0	0

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY									
SUB-DESC: PROGRAM: EM SUBACT: AG						DECREMENT	TARGET	PLAN	IMM RISK						
TITLE: W-112 PHASE V STORAGE DEFINITIVE															
APPROP: D															
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D	E	F	G	H	I
EW3130020	0		0				716	0	716	0	0	0	794	0	0
35EW31302	0		0				0	0	0	0	0	0	0	0	0
39EW31302	0		0				0	0	0	0	0	0	0	0	0
39EW31302	0		2,094				0	0	0	0	0	0	0	0	0
TOTAL	0		2,094				716	0	716	0	0	0	794	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	716
TOTAL	716

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	716	251	241	450	0
TOTAL	716	251	241	450	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	794	294	301	496	0
TOTAL	794	294	301	496	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF					FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AH					DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-112 PHASE V STORAGE CONSTRUCTI								
APPROP: D								
				A	4,492	4,492	4,983	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW3130020	0	0		E	0	0	0	0
35EW31302	0	0		F	0	0	0	0
39EW31302	0	0		G	0	0	0	0
39EW31302	0	14,659		H	0	0	0	0
				I	0	0	0	0
TOTAL	0	14,659		TOTAL	4,492	4,492	4,983	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	4,492
TOTAL	4,492

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	4,492	10,077	12,227	9,609	0
TOTAL	4,492	10,077	12,227	9,609	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	4,983	17,240	11,757	7,784	0
TOTAL	4,983	17,240	11,757	7,784	0

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AI				DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: W-112 PHASE V STORAGE PROCUREMENT								
APPROP: D								
	A			958	958	1,062		0
	B			0	0	0		0
B&R	C	FY94 APPR	FY95 PRES					
	D			0	0	0		0
	E			0	0	0		0
	F			0	0	0		0
	G			0	0	0		0
	H			0	0	0		0
	I			0	0	0		0
EW3130020		0	0					
35EW31302		0	0					
39EW31302		0	0					
39EW31302		0	1,427					
TOTAL		0	1,427	958	958	1,062		0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	958
TOTAL	958

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	958	2,468	1,580	977	0
TOTAL	958	2,468	1,580	977	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	1,062	2,900	1,972	1,075	0
TOTAL	1,062	2,900	1,972	1,075	0

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AJ				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-112 PHASE V STORAGE PROJECT MA							
APPROP: D							
			A	451	451	500	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130020	0	0	E	0	0	0	0
35EW31302	0	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	450	H	0	0	0	0
			I	0	0	0	0
TOTAL	0	450		451	451	500	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	451
TOTAL	451

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	451	255	246	180	0
TOTAL	451	255	246	180	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	500	300	307	198	0
TOTAL	500	300	307	198	0

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A106 Cross References

A106 Number: W-112 Date: 6/25/92
Title: Enhanced Radioactive Mixed Waste Storage
Federal Facility Identification: WA 890108967
Region: 10 Assessment: M
Status: PSDF Progress: DES

Tiger Team Cross References

Tiger Team Finding Number: WM/CF-8 Date: 8/08/90
Title: STORAGE OF MIXED WASTE IN CONTAINERS OF QUESTIONABLE INTEGRITY

FY95-99 ADS Cross References

ADS #: RL 2200 1
Title: Project W-112, Phase V Storage
Transferred in its entirety: Y
Explanation of Change:
End Function changes from A1 to A7.

MILESTONES

Milestone No.: A71-94-008 Milestone Seq: 2200-01-0015 TPA MS NO.: NONE
Title: START DEFINITIVE DESIGN (W-112)
Planning Date Target Date Decrement Date Level: HQ Keyword: S
1/01/1994 1/01/1994 1/01/1994 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: PART B PERMIT COMPLIANCE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

This activity provides preliminary design for mixed waste storage capacity to support the WRAP and waste retrieval. Assumes KD-1 approved in 1/94.

Milestone No.: NONE Milestone Seq: 2200-01-0020 TPA MS NO.: NONE
Title: COMPLETE DETAILED DESIGN (W-112)
Planning Date Target Date Decrement Date Level: FO Keyword: S
4/28/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: PART B PERMIT COMPLIANCE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

This activity provides detailed design of mixed waste storage capacity to support the WRAP and waste retrieval.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: none Milestone Seq: 2200-01-0025 TPA MS NO.: NONE
Title: START CONSTRUCTION (W-112)
Planning Date Target Date Decrement Date Level: HQ Keyword: S
1/31/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: PART B PERMIT COMPLIANCE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
This milestone is for initiation of construction of the mixed waste storage facility to support WRAP and retrieval operations.

Milestone No.: none Milestone Seq: 2200-01-0030 TPA MS NO.: NONE
Title: ISSUE PSAR REVISION 0 (W-112)
Planning Date Target Date Decrement Date Level: FO Keyword: S
1/31/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: PART B PERMIT COMPLIANCE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
A Preliminary Safety Analysis Report is required for the start of construction.

Milestone No.: NONE Milestone Seq: 2200-01-0040 TPA MS NO.: NONE
Title: COMPLETE CONSTRUCTION (W-112)
Planning Date Target Date Decrement Date Level: FO Keyword: S
4/30/1997 12/31/1998 12/31/1998 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: PART B PERMIT COMPLIANCE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
Complete mixed waste storage building construction.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 2200-01-0035 TPA MS NO.: NONE
Title: ISSUE FSAR REVISION 0 (W-112)
Planning Date Target Date Decrement Date Level: FO Keyword: S
10/31/1997 7/31/1999 7/31/1999 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: PART B PERMIT COMPLIANCE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
An issued Final Safety Analysis Report is required for the start of operations of the Mixed Waste Storage Building.

NARRATIVE

LAST UPDATE: 04-24-1994 TIME: 11:59:39

Technical Scope Summary(Limit 15 line or less):

The Hanford Solid Waste Management Program has established a long range strategy to ensure that management of solid waste at Hanford is environmentally sound and compliant with state and federal laws and U.S. Department of Energy directives. Part of this strategy is this project, W-112, which includes: (1) The construction of an interim/long-term storage and handling facility for approximately 27,000 drums equivalent to Radioactive Mixed Waste (RMW), Low-Level Waste (LLW), and Transuranic (TRU) waste awaiting treatment/disposal; (2) The Hanford Central Waste Support Complex (HCWSC), and (3) Infrastructure installation for the Central Waste Complex (CWC).

Technical Scope Detail(Limit 104 lines or less):

The HCWSC will provide operations space, maintenance shop, and changeroom facilities for support of the Solid Waste Management, operations support services, maintenance, health physics technicians, engineering, and management all in support of Solid Waste Programs.

Installation of infrastructure will include the roads, utilities, and railroad to support all CWC Facilities. The HCWC will employ approximately 1,000 workers, thus greatly increasing vehicular traffic in this area. Activities it will support include the Waste Receiving and Processing (WRAP) Modules 1, 2A, and 2B, Enhanced Radioactive and Mixed Waste Storage Facility, and RMW storage. The HCWC will also support Waste Retrieval Phase 1, Waste Retrieval Phase 2, Alpha Caisson Retrieval, Sodium Storage, Remote-Handled Storage, Greater than Category 3 Storage, Waste Reduction and Reclamation, Burial Ground Closure, and other activities in and around the HCWC.

This ADS 2200-01 provides for the Total Project Costs which include

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Expense, CENRTC, and Line Item funding, and the Operations funding required to operate the facilities. The work breakdown structure is comprised within the Subactivities as follows:

PROJECT INTEGRATION (AA)--This Subactivity provides for project management for financial support and scheduling for Phase V Storage Facility, Project W-112 including the following activities: Baseline management, change control administration, Site Management System (SMS) implementation, project management plans, document control and records management, project engineering support, and the development and maintenance of integrated scheduled. Interface with Solid Waste Programs, review activity data sheets, and support five year planning. Provide project engineering support including direction support to the Architect/Engineer (A/E). Prepare validation review packages, Energy System Acquisition Reviews and Key Decision approvals.

SYSTEMS ENGINEERING(AB)--This Subactivity provides direction and coordination for preparation of permits, NEPA, and safety documentation. Continue PSAR development and submit to DOE for review and approval. Provide quality assurance, environmental, and safety overview. Review project W-112 against WAC 173-303 and other applicable regulations.

OPERATIONAL PREPAREDNESS AND STARTUP(AC)--This Subactivity provides engineering direction and support to projects for CDR review, validation package preparation and design criteria revisions. Provide engineering studies as needed to support Phase V storage. Support preparation of the preliminary safety analysis report, NEPA documentation, and other design documents. Integrate Project W-112 with the control and data integration team. Additionally, this Subactivity provides capital equipment not related to construction (CENRTC) for Phase V Storage. Equipment to be purchased includes: two scissor manlifts, two manual forklifts, and one spare Automated Guided Vehicle (AGV).

ADVANCED CONCEPTUAL DESIGN REPORT (ACDR) (AD)--This Subactivity provides for preparation and review of the ACDR for the W-112 facility. The ACDR scope includes preparation of the following studies: Automated Guided Vehicles, Automated Inspection, Control Systems, site plan grading and automated material handling.

EQUIPMENT DEVELOPMENT AND TESTING(AE)--This Subactivity provides for review and support of equipment development and testing for Project W-112. Provide direction to the project architect/engineer on interface requirements and mechanical equipment development. Complete technical review of automated equipment for project W-112.

OPERATIONS(AF)--This Subactivity supports the technical and support work necessary to startup and operate Phase V Enhanced RMW Storage Buildings. The activities that support startup include preparation of plans (startup, emergency response, facility effluent monitoring, maintenance, training,

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etc.), operational readiness review, procedure development (operational test, operating, maintenance, training, administrative, etc.). Funding for operations begins in FY 1999. These startup and operations costs are not included as part of the project TPC.

DESIGN, ENGINEERING AND INSPECTION(AG)--This Subactivity provides for off-site A/E preparation of Preliminary Design (Title I) for Phase V Storage (Project W-112) to include: Work Plan, Project Management Plan, and Preliminary Design Report. This Subactivity also provides preparation of the Detailed Design (Title II) in three parts: (1) Phase V is the storage and material handling support to WRAP 1. The storage building will be design/construct, and the procurement specification will be prepared by the on-site A/E. The material handling building will be design by the off-site A/E. It will include shipping/receiving, automated system, transfer corridor, headgas sampling stations, and a dedicated administrative area. (2) HCWSC will include three design/construct buildings; one maintenance building and two office buildings. The on-site A/E will prepare the procurement specifications for the buildings. (3) Infrastructure will be designed by the on-site A/E, and will include water lines, telecommunication ducts, roads, underground electrical raceways, and sewage disposal. This Subactivity also includes Engineering/Inspection (Title III) activities to be performed during construction.

PROCUREMENT(AH)--This Subactivity provides for procurement contracts for the automated stacker retriever system, the automated guided vehicles, and the automated inspection system.

CONSTRUCTION(AI)--This Subactivity provides for project construction via fixed price contracts for Storage and Material Handling Buildings, Infrastructure Upgrades, and Operations Support/Maintenance Buildings.

PROJECT MANAGEMENT(AJ)--This Subactivity provides for project management support to facilitate project interface with the A/E, Construction Management, and DOE.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

Activities to date include engineering studies, DOE-HQ Key Decision 0, and Functional Design Criteria (FDC)/Conceptual Design Report (CDR) approvals. Engineering studies focused on automated -vs- manual material handling, waste volume projections, other facility interfaces, analysis of other similar facilities, and analysis of utility and support requirements. Other activities completed include initiation and completion of conceptual design reports, special studies, project validation, project plans, approval of justification of new start, implementation of change control system, and preparation for DOE-HQ approval of Key Decision 1.

In FY 1994, activities will include the award of Key Decision 1 from DOE-HQ to commence Preliminary Design (Title I). The contract will be awarded to

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off-site Architect/Engineer for preparation of Title I Design. Title I Design is scheduled to be completed in FY 1994. Key Decision 2 will be received to commence the Detailed Design (Title II). Title II will be initiated by the Architect/Engineer. Project management activities will commence.

The multi-year integrated schedules will be revised, and FY 1996 budget planning will be completed. Project documentation activities are: restart of the PSAR; completion of the Preliminary Fire Hazards Analysis (PFHA); issue the Contamination Control Study Letter Report; issue the specifications for Drum Inspection Equipment; complete ACDR; complete Conceptual Studies of Building Materials; complete Head Gas Sampling Evaluation/Report; complete Containment Pallet Testing/Issue Report; complete revisions to Supplemental Design Requirements Document (SDRD); incorporate Title I Design information within project documentation.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$12,009,200, resulting in a new total of \$19,601,800. These adjustments may require a FY 1995 budget amendment.

Due to FY 1995 funding constraints, the following activities are impacted. Infrastructure upgrades will be phased to support storage (utility mains, primary roads). Office/Maintenance facility completion is delayed from FY 1996 until FY 1999. Manual storage will be phased to accommodate additional near term storage. Installation of automated systems will be delayed. This impact does carryover through the outyears of the project and will cause a total project completion slip of twenty (20) months. Due to the project completion delay, the project will incur an increase of \$1,400,000 in the total project costs due to escalation. The delay does not impact the availability of RCRA compliant storage in that the phased construction of storage buildings provides capacity on an as needed basis.

In FY 1995, the Definitive Design will be completed. Key Decision 3 will be received to commence construction. Construction of the storage facility will commence, along with the initiation of the facility procurements. Initiation of the maintenance and administration facilities, and the stacker-retriever procurements will not commence until FY 1997 due to the funding constraints in FY 1996. Therefore, the construction of facilities within this project will be phased. Engineering/Inspection (Title III) activities will commence along with construction. Project management activities will continue. Project documentation activities include completion of the PSAR and the FHA.

Technical support will be provided for equipment selection and testing. Startup activities will increase with the development of a startup strategy

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and identification of operational readiness review requirements, and initiation of activities to support startup.

Planning Year (FY 1996) Description(Limit 156 lines or less):

In all funding cases the construction and procurements for the storage facility will continue. Title III and project management activities will continue. Startup activities will include procedure completion, training and preparation for readiness review. Activities will continue on the procurement of automated systems, and construction start of the shipping/receiving area and transfer corridor.

Due to FY 1995 funding constraints and additionally the FY 1996 funding constraints in the target and decrement cases (\$1,000,000), the project completion schedule is impacted twenty (20) months as described in FY 1995 Budget Year Description above.

Additional FY 1996 activities include initiation of the Final Safety Analysis Report (FSAR), and continued work on Part B Permit and equipment development. Technical support will be provided to acceptance testing of equipment. Operations support will continue to staff-up for readiness review and plant operations. Operational documentation will be initiated with the preparation of operating and test procedures, various operating and administrative procedures, readiness review documentation, etc.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

Key Decision 4 will be awarded to commence operations of the storage facility prior to the facility operational date planned as November 1997. Purchase of facility spares will occur. Construction and procurement of the maintenance and administrative buildings and the automated material handling equipment will be initiated to meet the proposed construction completion date of April 1997, operational date in 1998. Title III and project management support will continue. Project documentation will include completion of the FSAR and Part B Permit. Operations activities will be ongoing.

Impacts/Assumptions(Limit 42 lines or less):

In an effort to enhance cost efficiencies, this ADS reflects a productivity commitment which achieves the same workscope at a lower unit rate, or the application of more efficient processes, or through cost avoidance. The funding profile assumes successful reprogramming efforts in FY 1994.

This ADS assumes programmatic budget approval at required levels. The funding profile mandated in FY 1996 provides impacts to the project construction completion schedule. This ADS also assumes that the Waste Isolation Pilot Plant (WIPP) site is available to receive Transuranic (TRU) wastes on schedule. Delays in the WIPP site will necessitate the

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construction of additional storage space at Hanford.

Supporting Documents(Limit 5 lines or less):

State and Federal regulations for the storage of hazardous, low-level RMW and TRU-RMW. New storage capacity is necessary to support operations of WRAP and TRU waste retrieval in addition to off-site waste receipts.

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

~~DESCRIPTION OF REGULATORY DRIVERS~~

CAA:

Clean Air Act

DOE:

DOE Orders: 4700.1A, 5400.1, 5400.5, 5480.1B, 5480.22, 5480.23, 5480.24, 5480.4, 5480.2A, 6430.1A

~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

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DESCRIPTION OF REGULATORY DRIVERS Continued

FED:

Code of Federal Regulations: 40CFR 191-03(b), 40CFR 60, 40CFR 61, 40CFR 260, 40CFR 261, 40CFR 262, 40CFR 264, 40CFR 265

NEPA_R:

NEPA requires an impact review on all new or significantly new modified activities.

RCRA:

RCRA and Washington State regulations require compliant storage and disposal of solid radioactive and hazardous wastes.

ST:

Washington State regulations, WAC 173-303, require compliant treatment, storage, and disposal of solid radioactive wastes.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

TSCA:

TSCA requires proper treatment, storage, and disposal of polychlorinated biphenyl wastes.

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Operations Office: RL ID No.: 2200- 2 Revision Date: 4/24/1994
 ADS Title: PROJECT W-113, CH-TRU RETRIEVAL
 WBS No.: 1.3.7.3.7 Category: WM Appr.:
 Project Title: SWOC CH-TRU RETRIEVAL P Facility/WAG: CENTRAL WASTE COMPLEX
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: 94-D-411 TPC: 46900 TEC: 28400
 Contig: 5420
 CNTR Manager: MCCARTHY, MM Phone: 509-376-1589
 O.O. Manager: GUERCIA, RF Phone: 509-376-5494
 H.Q. Manager: DELEON, G Phone: 301-903-7668
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 45 TRU MIX: 10 LLW: 25 MLLW: 15 HAZ: 0 SANT: 0 SNF: 5

REGULATORY DRIVERS

CAA: Y CWA: N SDWA: N RCRA: Y 3004U: N TSCA: Y CERCLA: Y NEPA: Y
 DOE: Y IAG: N OSHA: Y ORD: Y ST : Y TRI : N FED : Y FFCA: N
 OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		FY96 DRIVER CATEGORY			IMM RISK
					DECREMENT	TARGET	PLAN	
OE	1,527	1,209		A	14,711	14,504	20,097	20,097
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	2,400	2,882		D	0	0	0	0
				E	0	0	0	0
TOTAL	3,927	4,091		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	-96	0	0	0
				TOTAL	14,614	14,504	20,097	20,097

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	2,793
CE	0
GPP	0
LI	11,821
TOTAL	14,614

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TARGET LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	2,559	2,420	7,275	6,276	6,468
CE	0	0	1,050	0	0
GPP	0	0	0	0	0
LI	11,944	3,491	4,366	0	0
TOTAL	14,504	5,910	12,691	6,276	6,468

FTEs	FY94	FY95
Direct	11	12
Indirect	8	9
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	24	21	51	32	32
Indirect	17	16	37	24	24
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	2,247	5,839	6,949	6,964	7,172
CE	0	0	1,050	0	0
GPP	0	0	0	0	0
LI	17,850	5,102	0	0	0
TOTAL	20,097	10,940	7,999	6,964	7,172

FTEs	FY94	FY95
Direct	11	12
Indirect	8	9
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	21	29	29	32	32
Indirect	15	21	22	24	24
Federal	.0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: W-113 PHASE 1 RETRIEVAL PROJECT										
APPROP: D										
					A	295	295	329	329	
					B	0	0	0	0	
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0	
					D	0	0	0	0	
EW3130020	287	391			E	0	0	0	0	
35EW31302	0	0			F	0	0	0	0	
39EW31302	0	0			G	0	0	0	0	
39EW31302	0	0			H	0	0	0	0	
					I	-96	0	0	0	
TOTAL	287	391			TOTAL	199	295	329	329	

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	199
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	199

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	295	141	405	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	295	141	405	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	329	341	330	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	329	341	330	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AB				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-113 PHASE 1 RETRIEVAL SYSTEMS							
APPROP: D							
			A	1,054	1,056	584	584
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130020	798	324	E	0	0	0	0
35EW31302	0	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	798	324		1,054	1,056	584	584

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	1,054
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	1,054

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	1,056	389	685	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	1,056	389	685	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	584	939	371	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	584	939	371	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY								
SUB-DESC: PROGRAM: EM SUBACT: AC				DECREMENT	TARGET	PLAN	IMM RISK					
TITLE: W-113 PHASE 1 RETRIEVAL STARTUP A												
APPROP: D												
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	B	C	D	E	F	G	H	I
EW3130020	168	255		1,148	816	900						900
35EW31302	0	0		0	0	0						0
39EW31302	0	0		0	0	0						0
39EW31302	0	0		0	0	0						0
TOTAL	168	255		1,148	816	900						900

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	1,148
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	1,148

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	816	1,821	2,651	0	0
35EW31302	0	0	1,050	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	816	1,821	3,701	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	900	4,393	1,920	0	0
35EW31302	0	0	1,050	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	900	4,393	2,970	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AD				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-113 PHASE 1 RETRIEVAL CDR/ACDR							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	B	C	D
EW3130020	24	0		0	0	0	0
35EW31302	0	0		0	0	0	0
39EW31302	0	0		0	0	0	0
39EW31302	0	0		0	0	0	0
TOTAL	24	0		0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AE				DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: W-113 PHASE 1 RETRIEVAL EQUIPMEN								
APPROP: D								
				A	392	392	435	435
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW3130020	250	239		E	0	0	0	0
35EW31302	0	0		F	0	0	0	0
39EW31302	0	0		G	0	0	0	0
39EW31302	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	250	239		TOTAL	392	392	435	435

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	392
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	392

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	392	69	90	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	392	69	90	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	435	166	27	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	435	166	27	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AF				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-113 PHASE 1 RETRIEVAL OPERATIO							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130020	0	0	E	0	0	0	0
35EW31302	0	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	0	0		TOTAL	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	3,445	6,276	6,468
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	3,445	6,276	6,468

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	4,301	6,964	7,172
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	4,301	6,964	7,172

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AG				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-113 PHASE 1 RETRIEVAL DEFINITI							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	B	C	D
EW3130020	0	0		401	0	405	450
35EW31302	0	0		0	0	0	0
39EW31302	0	0		0	0	0	0
39EW31302	2,054	1,579		0	0	0	0
TOTAL	2,054	1,579		401	0	405	450

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	401
TOTAL	401

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	405	122	0	0	0
TOTAL	405	122	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	450	143	0	0	0
TOTAL	450	143	0	0	0

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AH				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-113 PHASE 1 RETRIEVAL CONSTRUC							
APPROP: D							
			A	4,772	4,822	8,149	8,149
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130020	0	0	E	0	0	0	0
35EW31302	0	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	671	H	0	0	0	0
			I	0	0	0	0
TOTAL	0	671		4,772	4,822	8,149	8,149

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	4,772
TOTAL	4,772

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	4,822	1,702	2,009	0	0
TOTAL	4,822	1,702	2,009	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	8,149	3,000	0	0	0
TOTAL	8,149	3,000	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AI						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-113 PHASE 1 RETRIEVAL PROCUREM									
APPROP: D									
					A	6,209	6,274	8,759	8,759
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130020	0	0			E	0	0	0	0
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	407			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	407			TOTAL	6,209	6,274	8,759	8,759

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	6,209
TOTAL	6,209

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	6,274	1,232	2,357	0	0
TOTAL	6,274	1,232	2,357	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	8,759	1,448	0	0	0
TOTAL	8,759	1,448	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AJ						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-113 PHASE 1 RETRIEVAL PROJECT									
APPROP: D									
					A	439	444	492	492
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130020	0	0			E	0	0	0	0
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	346	226			H	0	0	0	0
					I	0	0	0	0
TOTAL	346	226			TOTAL	439	444	492	492

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	439
TOTAL	439

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	444	435	0	0	0
TOTAL	444	435	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	492	511	0	0	0
TOTAL	492	511	0	0	0

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A106 Cross References

A106 Number: W-113 Date: 6/25/92
Title: Contact Handled TRU Retrieval
Federal Facility Identification: WA 890108967
Region: 10 Assessment: H
Status: INOV Progress: DES

Tiger Team Cross References

Tiger Team Finding Number: WM/CF-8 Date: 8/08/90
Title: STORAGE OF MIXED WASTE IN CONTAINERS OF QUESTIONABLE INTEGRITY

FY95-99 ADS Cross References

ADS #: RL 2200 2
Title: Project W-113, Phase 1 Retrieval
Transferred in its entirety: Y
Explanation of Change:
End Function changes from A1 to A8.

MILESTONES

Milestone No.: A81-94-009 Milestone Seq: 2200-02-0025 TPA MS NO.: NONE
Title: COMMENCE DEFINITIVE DESIGN OF W-113
Planning Date Target Date Decrement Date Level: HQ Keyword: T
1/01/1994 1/01/1994 1/01/1994 PTS: Y SMS: Y
Driver Name: NEPA_R Driver Reference: Record of Decision compliance
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
The NEPA record of decision requires transuranic waste to be retrieved. This activity provides waste retrieval detailed design.

Milestone No.: NONE Milestone Seq: 2200-02-0035 TPA MS NO.: NONE
Title: COMPLETE DETAILED DESIGN OF W-113
Planning Date Target Date Decrement Date Level: FO Keyword: T
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: NEPA_R Driver Reference: Record of Decision compliance
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
The NEPA record of decision requires transuranic waste retrieval. This activity provides waste retrieval detailed design.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 2200-02-0030 TPA MS NO.: NONE
Title: START W-113 CONSTRUCTION
Planning Date Target Date Decrement Date Level: HQ Keyword: T
7/31/1995 7/31/1995 7/31/1995 PTS: Y SMS: Y
Driver Name: NEPA_R Driver Reference: Record of Decision compliance
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

The NEPA record of decision requires transuranic waste to be retrieved. This activity provides for waste retrieval construction.

Milestone No.: NONE Milestone Seq: 2200-02-0040 TPA MS NO.: NONE
Title: COMPLETE W-113 CONSTRUCTION
Planning Date Target Date Decrement Date Level: FO Keyword: T
2/28/1997 2/28/1997 2/28/1997 PTS: Y SMS: Y
Driver Name: NEPA_R Driver Reference: Record of Decision compliance
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

The NEPA record of decision requires transuranic waste to be retrieved. This activity completes the waste retrieval construction.

Milestone No.: NONE Milestone Seq: 2200-02-0045 TPA MS NO.: NONE
Title: INITIATE W-113 RETRIEVAL OPERATIONS
Planning Date Target Date Decrement Date Level: HQ Keyword: T
4/15/1998 4/15/1998 4/15/1998 PTS: Y SMS: Y
Driver Name: NEPA_R Driver Reference: Record of Decision compliance
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

The NEPA record of decision requires transuranic waste to be retrieved. This activity initiates the waste retrieval operations.

NARRATIVE

LAST UPDATE: 04-24-1994 TIME: 12:02:19

Technical Scope Summary(Limit 15 line or less):

This ADS supports design, construction and startup of a facility that will be used to retrieve suspect Transuranic (TRU) waste from the storage trenches. Preliminary studies have been conducted on approaches to be taken in retrieval of waste from 25 trenches at the Hanford Site. Existing records have been analyzed for information as to the quantity and description of the various waste packages. A phased approach to address

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the retrieval has been selected as having a high probability of success in meeting both the short term needs to support the Waste Receiving and Processing (WRAP) Facility (ADS 2220-01) feedstream requirements as well as recognizing the uncertainty of the condition of some of the buried waste. The Record of Decision for the Hanford Defense Waste-Environmental Impact Statement (HDW-EIS) approves waste retrieval as the preferred alternative.

Technical Scope Detail(Limit 104 lines or less):

Phase 1 Retrieval is the Subproject that provides the retrieval capability as part of the Solid Waste Operations Complex (SWOC) MSA for retrieval, storage and treatment. Phase 1 Retrieval, Project W-113, is directed toward 1 of 25 trenches in which TRU waste is stored, where there is a high probability of retrieving and handling waste packages that are intact and without risk of contamination spread. The selected trench stores 10,000 suspect TRU containers. The trench contains drums, metal, plywood, and fiberglass reinforced plywood boxes. Retrieval of this trench requires approximately 6 years of retrieval operation. The Phase 2 Retrieval Facility, Project W-221 (ADS 2250) will address the remaining trenches where some waste containers are expected to be breached.

This ADS 2200-02 provides for the Total Project Costs which include Expense, CENRTC, and Line Item funding, and the Operations funding required to operate the facility. The work breakdown structure is comprised within the Subactivities as follows:

PROJECT INTEGRATION(AA)--This Subactivity provides project management for financial support and scheduling, including the following activities: baseline management, change control administration, project management plans, document control and record management, project engineering support. Interface with Solid Waste Programs, review activity data sheets, and support five year planning. Provide project engineering support including direction/support to the Architect/Engineer (A/E). Prepare validation review packages, Energy System Acquisition Reviews and obtain Key Decision approvals. Initiate preparation of the project management plan and provide input to revising the activity data sheets.

SYSTEMS ENGINEERING, ENVIRONMENTAL SAFETY AND QUALITY ASSURANCE(AB)--This Subactivity provides systems engineering support. Provide direction and coordination for preparation of required permits, NEPA, and Safety Documentation. Continue Preliminary Safety Analysis Report (PSAR) development and submit PSAR to DOE for review. Provide quality assurance, environmental and safety overview of the project.

OPERATIONAL PREPAREDNESS AND STARTUP(AC)--This Subactivity provides engineering direction and support to projects for CDR review, validation package, and design criteria revisions. Provide engineering studies as need to support TRU waste retrieval. Support preparation of the

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Preliminary Safety Analysis Report, NEPA documentation, and fire hazard analysis. Integrate Project W-113 with the control and data integration team. This Subactivity also procures the facility spares (CENRTC) which includes: covered van, electric cart, forklift, flat bed truck, front end loader, water truck, hazard vacuum system, operational spare dump truck.

CONCEPTUAL DESIGN REPORT (CDR)/ADVANCED CDR(AD)--This Subactivity provides Advanced Conceptual Design Report (ACDR) studies in support of the design of Phase 1 Retrieval.

EQUIPMENT DEVELOPMENT AND TESTING(AE)--This Subactivity provides for coordination review and support of equipment development and testing. Provide direction to the A/E on interface requirements and mechanical equipment development. Complete technical review of container venting equipment used on the TRU Retrieval Pilot Program. Initiate development of container venting system for Project W-113.

OPERATIONS(AF)--This Subactivity supports the technical and support work necessary to startup and operate Phase 1 Retrieval. The activities that support startup include preparation of plans (startup, emergency response, facility effluent monitoring, maintenance, training, etc.), procedure development (operating, maintenance, training, administrative, etc.). These startup costs are not included as part of the Total Project Costs (TPC).

DEFINITIVE DESIGN(AG)--This Subactivity provides for off-site A/E preparation of the Preliminary Design (Title I) and Detailed Design (Title II). Included will be: Work Plan, Project Management Plan, Preliminary Design Report, Detailed Design Report. This Subactivity also provides Engineering and Inspection (Title III) activities to be performed during construction.

PROCUREMENT(AH)--This Subactivity provides for preparation of the major equipment bid packages which includes: NDE/NDA equipment, vacuum system, crane, hoist. The bid package proposals will be evaluated and contracts awarded.

CONSTRUCTION(AI)--This Subactivity provides for initiation of construction via fixed price contracts for site preparation and infrastructure (power, sewer, road, telecommunications) and the Trench Enclosure Facility.

PROJECT MANAGEMENT(AJ)--This Subactivity provides for project management support to facilitate project interface with the A/E, Construction Management, and DOE.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):
FY 1992 workscope completed to date included the FDC revision, PSE revision, and the completion of a Conceptual Design Report (CDR) to

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validate design costs. This includes submittal of construction project

FY 1993 work included initiation of the Advanced Conceptual Design Report, development of an supplemental design requirement document (SDRD), conducting a value engineering, preparing a quality assurance plan, initiation of startup activities, initiating the PSAR, and submittal of the Project Plan.

In FY 1994, the ACDR will be completed. Key Decision 1 will be awarded. The design contractor will be selected and with contract award, the Preliminary Design (Title I) will commence. The NEPA permitting will be initiated and work on the PSAR will continue. The prototype Container Venting System (CVS) equipment will be designed and tested. The Draft Operational Strategy Plan will be issued. Establishment of the organizations for the operations and readiness review process, revision of the startup plans and initiation of readiness review activities. The SDRD will be maintained.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$498,000, resulting in a new total of \$4,091,000. These adjustments may require a FY 1995 budget amendment.

The Title I Design will be completed. Key Decision 2 will be awarded and Detailed Design (Title II) will commence. The Definitive Design will be completed and construction will start after the award of Key Decision 3. Initiation of construction will be via fixed price contracts for site preparation and infrastructure, and the Trench Enclosure Facility. Engineering and Inspection (Title III) and project management activities in support of construction will begin. The PSAR will be completed and work on the FSAR will be initiated. The air and water permit applications will be submitted. Complete CVS equipment testing and specification, along with initiation of procurement contracts for purchase of NDE/NDA equipment, vacuum system, crane and hoist. Continue to staff-up for readiness review and plant operations. Initiate preparation of operating, test procedures, various operating and administrative procedures, readiness review documentation, etc.

Planning Year (FY 1996) Description(Limit 156 lines or less):

In all funding cases, construction activities will continue. The draft FSAR will be issued. The Final Fire Hazards Analysis will be issued. Startup activities will continue along with plant operations preparation. Equipment development work will commence and the air and water permits will be completed.

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In the planning case, a separate NDE/NDA building will be constructed. Quantity of NDE/NDA equipment will increase, box assay system will be procured. The change room facility size will be increased.

In the target/decrement cases, procurement activities will be delayed one year, including preparation of procurement of the facility spares. This will not impact the construction completion date, but may impact the total project costs due to escalation.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

Construction and startup activities will be completed in FY 1997. Preparation of operating procedures, operator training, operability testing, readiness reviews, and other required compliance reviews will be completed to support operations beginning in FY 1998. Key Decision 4 will be awarded to commence operations.

Impacts/Assumptions(Limit 42 lines or less):

In an effort to enhance cost efficiencies, this ADS reflects a productivity commitment which achieves the same workscope at a lower unit rate, or the application of more efficient processes, or through cost avoidance.

Retrieval of waste is required by DOE Orders, and the Record of Decision for the HDW-EIS on waste operations. Retrieval operations must be started, conducted, and completed in a timely manner that will support the operations in the Waste Receiving and Processing (WRAP) Facility and avoid further contamination of the environment. The Waste Isolation Pilot Plant (WIPP) current schedules demand the retrievably stored TRU waste be processed and shipped by the end of Calendar Year (CY) 2018 and WRAP construction and operation schedules are keyed towards that processing rate.

Supporting Documents(Limit 5 lines or less):

The HDW-EIS Record of Decision (ROD) commits the DOE to retrieval of TRU waste. DOE-HQ Spent Fuel Working Group Report, Volume 1, November 1993, supports priority management attention for retrieval. This action is an integral part of TPA Milestones M-18-00.

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

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~~DESCRIPTION OF REGULATORY DRIVERS~~

CAA:

Emissions from retrieval operations will be managed per the Clean Air Act.

DOE:

DOE Orders: 4700.1A, 5400.1, 5400.5, 5480.1B, 5480.22, 5480.23, 5480.24,
5480.4, 5480.2A, 6430.1A

FED:

Code of Federal Regulations: 40CFR 191-03(b), 40CFR 60, 40CFR 260, 40CFR
261, 40CFR 262, 40CFR 264, 40CFR 265

NEPA R:

The Hanford EIS-ROD requires retrieval of buried/stored TRU wastes to be
shipped to the WIPP site.

~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

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DESCRIPTION OF REGULATORY DRIVERS Continued

RCRA:

RCRA requires compliant treatment, storage, and disposal of solid radioactive wastes.

ST:

Washington State regulations, WAC 173-303, require compliant treatment, storage, and disposal of solid radioactive wastes.

TSCA:

TSCA requires compliant treatment, storage, and disposal of solid radioactive wastes that contains polychlorinated biphenyls.

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Operations Office: RL ID No.: 2220- 1 Revision Date: 4/24/1994
 ADS Title: WASTE RECEIVING AND PROCESS (WRAP) MODULE 1
 WBS No.: 1.3.7.3.3 Category: WM Appr.:
 Project Title: WRAP MODULE 1(91 D-171) Facility/WAG: CENTRAL WASTE COMPLEX
 Installation: HANFORD CID: RL10930 XOVHD: 18
 For Line Item Project: 91L-EWW-026 TPC: 91200 TEC: 53600
 Contig: 4004
 CNTR Manager: MCCARTHY, MM Phone: 509-376-1589
 O.O. Manager: GUERCIA, RF Phone: 509-376-5494
 H.Q. Manager: DELEON, G Phone: 301-903-7668
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 40 TRU MIX: 10 LLW: 25 MLLW: 25 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: Y CWA: N SDWA: N RCRA: Y 3004U: N TSCA: Y CERCLA: N NEPA: Y
 DOE: Y IAG: N OSHA: Y ORD: Y ST : Y TRI : Y FED : Y FFCA: N
 OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		FY96 DRIVER CATEGORY			IMM RISK
					DECREMENT	TARGET	PLAN	
OE	5,895	4,866		A	8,822	11,367	19,553	0
CE	500	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	17,700	3,603		D	0	0	0	0
				E	0	0	0	0
TOTAL	24,095	8,468		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	-58	0	0	0
				TOTAL	8,764	11,367	19,553	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	8,764
CE	0
GPP	0
LI	0
TOTAL	8,764

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TARGET LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	11,367	11,040	14,712	25,241	23,781
CE	0	0	3,347	3,347	3,347
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	11,367	11,040	18,058	28,588	27,128

FTEs	FY94	FY95
Direct	39	44
Indirect	29	33
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	106	103	101	167	154
Indirect	79	76	75	124	114
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	19,553	27,988	25,578	28,170	26,495
CE	0	0	3,347	3,347	3,347
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	19,553	27,988	28,924	31,517	29,842

FTEs	FY94	FY95
Direct	39	46
Indirect	29	34
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	143	204	179	179	159
Indirect	106	151	132	132	118
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-026 WRAP 1 PROJECT INTEGRATION							
APPROP: D							
			A	694	694	1,030	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130020	638	688	E	0	0	0	0
35EW31302	0	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	0	H	0	0	0	0
			I	-58	0	0	0
TOTAL	638	688	TOTAL	636	694	1,030	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	636
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	636

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	694	388	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	694	388	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	1,030	520	-0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	1,030	520	-0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER		CATEGORY		
SUB-DESC: PROGRAM: EM SUBACT: AB				DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: W-026 WRAP 1 SYSTEMS ENGINEERING								
APPROP: D								
				A	162	162	392	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW3130020	853	218		E	0	0	0	0
35EW31302	0	0		F	0	0	0	0
39EW31302	0	0		G	0	0	0	0
39EW31302	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	853	218		TOTAL	162	162	392	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	162
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	162

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	162	69	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	162	69	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	392	99	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	392	99	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AC				DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: W-026 WRAP 1 OPERATIONAL PREPARE								
APPROP: D								
				A	4,464	4,464	5,925	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW3130020	586	921		E	0	0	0	0
35EW31302	500	0		F	0	0	0	0
39EW31302	0	0		G	0	0	0	0
39EW31302	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	1,086	921		TOTAL	4,464	4,464	5,925	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	4,464
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	4,464

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	4,464	2,312	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	4,464	2,312	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	5,925	2,686	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	5,925	2,686	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AD						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-026 WRAP 1 EQUIP DEVELOPMENT A									
APPROP: D									
					A	365	365	903	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130020	919	503			E	0	0	0	0
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	919	503			TOTAL	365	365	903	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	365
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	365

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	365	136	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	365	136	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	903	199	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	903	199	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AE				DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: W-026 WRAP 1 ENVIRONMENTAL SAFET								
APPROP: D								
				A	486	486	459	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW3130020	1,181	488		E	0	0	0	0
35EW31302	0	0		F	0	0	0	0
39EW31302	0	0		G	0	0	0	0
39EW31302	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	1,181	488		TOTAL	486	486	459	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	486
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	486

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	486	377	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	486	377	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	459	383	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	459	383	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AF						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-026 WRAP 1 OPERATIONS									
APPROP: D									
					A	2,652	5,196	10,845	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130020	1,718	2,047			E	0	0	0	0
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	1,718	2,047			TOTAL	2,652	5,196	10,845	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	2,652
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	2,652

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	5,196	7,758	14,712	25,241	23,781
35EW31302	0	0	3,347	3,347	3,347
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	5,196	7,758	18,058	28,588	27,128

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	10,845	24,100	25,578	28,170	26,495
35EW31302	0	0	3,347	3,347	3,347
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	10,845	24,100	28,925	31,517	29,842

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AG						DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: W-026 WRAP 1 DETAILED DESIGN (TI										
APPROP: D										
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D
EW3130020	0		0				0	0	0	0
35EW31302	0		0				0	0	0	0
39EW31302	0		0				0	0	0	0
39EW31302	1,700		378				0	0	0	0
TOTAL	1,700		378				0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AH				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-026 WRAP 1 CONSTRUCTION							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	B	C	D
EW3130020	0	0		0	0	0	0
35EW31302	0	0		0	0	0	0
39EW31302	0	0		0	0	0	0
39EW31302	12,995	545		0	0	0	0
TOTAL	12,995	545		0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AI						DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: W-026 WRAP 1 CONSTRUCTION MANAGE										
APPROP: D										
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A						
				B	0	0	0	0	0	0
				C	0	0	0	0	0	0
				D	0	0	0	0	0	0
				E	0	0	0	0	0	0
				F	0	0	0	0	0	0
				G	0	0	0	0	0	0
				H	0	0	0	0	0	0
				I	0	0	0	0	0	0
EW3130020	0	0								
35EW31302	0	0								
39EW31302	0	0								
39EW31302	1,640	1,774								
TOTAL	1,640	1,774		TOTAL	0	0	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AJ				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-026 WRAP 1 PROCUREMENT							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130020	0	0	E	0	0	0	0
35EW31302	0	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	1,000	423	H	0	0	0	0
			I	0	0	0	0
TOTAL	1,000	423		0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AK				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-026 WRAP 1 PROJECT MANAGEMENT							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130020	0	0	E	0	0	0	0
35EW31302	0	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	365	482	H	0	0	0	0
			I	0	0	0	0
TOTAL	365	482	TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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A106 Cross References

A106 Number: W-026 Date: 6/25/92
Title: WASTE RECEIVING AND PROCESSING FACILITY MODULE 1
Federal Facility Identification: WA 890108967
Region: 10 Assessment: H
Status: CMPA Progress: CON

Tiger Team Cross References

Tiger Team Finding Number: WM/CF-8 Date: 8/08/90
Title: STORAGE OF MIXED WASTE IN CONTAINERS OF QUESTIONABLE INTEGRITY

FY95-99 ADS Cross References

ADS #: RL 2220 1
Title: Project W-026, Waste Receiving and Processing (WRAP) Module 1
Transferred in its entirety: Y
Explanation of Change:

MILESTONES

Milestone No.: M-18-01 Milestone Seq: 2220-01-0045 TPA MS NO.: M-18-01
Title: COMPLETE WRAP 1 CONSTRUCTION (INTERIM - TPA)
Planning Date Target Date Decrement Date Level: HQ Keyword: T
3/29/1996 3/29/1996 3/29/1996 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
Completion of construction is an interim Tri-Party Agreement milestone.

Milestone No.: M-18-00 Milestone Seq: 2220-01-0050 TPA MS NO.: M-18-00
Title: ISSUE WRAP 1 FSAR REVISION 0
Planning Date Target Date Decrement Date Level: FO Keyword: T
7/31/1996 7/31/1996 7/31/1996 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
An approved Final Safety Analysis Report is required for the start of operations.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: M-18-00 Milestone Seq: 2220-01-0055 TPA MS NO.: M-18-00
Title: INITIATE WRAP 1 OPERATIONS (MAJOR TPA)

Planning Date Target Date Decrement Date Level: HQ Keyword: T
3/31/1997 3/31/1997 3/31/1997 PTS: Y SMS: Y

Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT

PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

Start of operations of WRAP Module 1 is a major Tri-Party Agreement milestone.

NARRATIVE

LAST UPDATE: 04-24-1994 TIME: 12:16:10

Technical Scope Summary(Limit 15 line or less):

This ADS supports the project technical and support work necessary to design, construct, and operate Waste Receiving and Processing (WRAP) Module 1. WRAP Module 1 is a planned facility that will provide certification and treatment for over 38,000 drums of suspect Transuranic (TRU) solid waste stored at Hanford, and provide mixed waste verification sampling capability for waste in storage as well as newly generated wastes. The TRU fraction of these wastes may be transported to and emplaced in the Waste Isolation Pilot Plant (WIPP) in New Mexico. The non-TRU fraction will be segregated for onsite disposal or further processing. WRAP Module 1 will be a new facility located in the 200 West Area of Hanford.

Technical Scope Detail(Limit 104 lines or less):

This ADS will provide for definitive design, procurement, NEPA documentation, construction testing, and start-up of WRAP 1. The Project will also include such support activities as preparation of safety documentation, feasibility evaluations, engineering trade-off studies, systems and software development, project management, ALARA studies, waste acceptance criteria, and monitoring of interfaces with other Hanford projects and facilities. This activity will include demonstrations required to support the technical basis, process development, equipment testing and inspection, material selection, operator training, operability testing, preparation of operating procedures, and readiness review.

Crucial technology development needs include non-destructive examination systems, waste handling systems, and identification of waste sampling and characterization requirements and methodologies.

This ADS 2220-01 provides for the Total Project Costs which include Expense, CENRTC, and Line Item funding, and the Operations funding required

NARRATIVE Continued

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~~NARRATIVE Continued~~

to operate the facilities. The work breakdown structure is comprised within the Subactivities as follows:

PROJECT INTEGRATION (AA)--This Subactivity provides project management for financial support and scheduling for WRAP 1 including the following activities: baseline management, change control administration, Site Management System (SMS) implementation, project management plans, document control and records management, project engineering support and the development/maintenance of integrated schedules. Interface with Solid Waste Programs, review activity data sheets, and support Five year planning. Also provides management of Architect/Engineer (A/E), and Construction Manager. Will provide validation review packages, Energy System Acquisition Review support, Independent Cost Estimate support, and the associated reporting to DOE-RL/HQ.

SYSTEMS ENGINEERING(AB)--This Subactivity provides preparation/maintenance of the: waste sampling plan, and Supplemental Design Requirements Document. Additionally, will provide technical interface with Solid Waste Projects, the A/E, and the Solid Waste Program Office. Will provide review of design media, submittals, and witnessing ATP's for facility and material handling systems, NDE/NDA systems.

OPERATIONAL PREPAREDNESS AND STARTUP(AC)--This Subactivity provides operational preparedness and startup planning. Will provide review and engineering support of project documents and responding information requests. Provide expertise to review the adequacy of vendor design and concepts from a facility operations feasibility perspective. Support planning and integration efforts including support permitting activities.

EQUIPMENT DEVELOPMENT AND TESTING(AD)--This Subactivity provides technical engineering direction, coordination and development support for construction package #2/Enclosures and Compactors, drop testing of 'one-trip drum', test aerosol can puncture device and provide technical support. Review design media and vendor submittals.

ENVIRONMENTAL, SAFETY AND QUALITY ASSURANCE(AE)--This Subactivity provides management review and engineering support to include review of project documents and responding to information requests. Will provide for Preliminary Safety Analysis Report (PSAR), and initiation of Final Safety Analysis Report (FSAR). Will provide update to Quality Assurance Project Plan, and oversight of permit development and updates.

OPERATIONS(AF)--This Subactivity provides support for startup which includes preparation of plans (startup, emergency response, facility effluent monitoring, maintenance, training, etc.), procedure development (operating, maintenance, training, administrative, etc.); and compliance reviews. Operations begin in FY 1997. These activities are outside the scope of startup contained in the Total Project Costs.

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DESIGN, ENGINEERING AND INSPECTION(AG)--This Subactivity provides for A/E completion of the Detailed Design (Title II) including drawing specifications, construction schedules, and cost estimate. The design packages include site preparation, building structures, building systems processing equipment, installation of process equipment, site completion and computers. This Subactivity also provides for Field Engineering and Inspection (Title III) activities to include: ECNs/NCRs, as-builts, configuration management, fair cost estimates and submittal review to be performed by the offsite A/E, and oversight/acceptance inspection for construction to be performed by the onsite A/E.

CONSTRUCTION(AH)--This Subactivity provides for construction of the WRAP 1 Project. This will include three fixed-price construction contract packages which are Site, Facility and Process Equipment; NDE Equipment Systems; and NDA Equipment Systems. The Site, Facility and Process Equipment construction package will include pre-engineered building; associated HVAC, electrical and instrumentation; and fabrication and installation of gloveboxes and compactors. The NDE Equipment System includes procurement/installation of x-ray equipment. The NDA Equipment System includes procurement/installation of radionuclide measurement equipment.

CONSTRUCTION MANAGEMENT(AI)--This Subactivity provides for construction management (CM) services by the construction contractor.

PROCUREMENT(AJ)--This Subactivity provides for procurement of the TRUPACT Loading equipment and the GFE Boxed Waste Assay System.

PROJECT MANAGEMENT(AK)--This Subactivity provides project management support by the operating contractor to facilitate project interface with the A/E, CM and DOE. Project management also provides for Resident Engineer and Project Engineer support, and Engineering Manager support.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

Significant accomplishments have been completed on WRAP Module 1. Completion of activities to support construction includes: approval of Key Decision 1, 2 and 3; Conceptual Design; Definitive Design; issuance of Construction Management Plan by CM; Engineering and Inspection (Title III) contract established and associated reporting complete. In FY94, Request for Quotes (RFQ) process was completed and resulted in identification of an apparent low bidder for the major construction contract. The construction contract will be awarded and construction and procurement activities initiated.

Equipment development activities completed are the design media review to NDE/NDA, building systems, glovebox, and waste handling systems, and associated equipment development and testing activities.

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Project documentation completed includes: Supplemental Design Requirements Document (SDRD) revision; Waste Sampling Plan (Chapter 3 of Part B Permit); ICE review; Project Plan; Project Management Plan; initial revision of startup plan; PSAR; initiation of the FSAR; Air Permits; and the NEPA C-2 Analysis. The three Air Permits that are required to construct WRAP 1 have been submitted and returned approved.

Startup activities include preparation and issuance of a Readiness Review plan and continue to staff-up for startup. The FSAR will be initiated. Operations activities will be to establish an organization for the operations and readiness review process.

Procurement activities will include review of contractor vendor submittals for major procurements, procurement of the TRUPACT equipment and preparation of the procurement specification for the Government Furnished Equipment (GFE) Boxed Waste Assay System, and purchase of facility spares.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$68,600, resulting in a new total of \$8,468,400. These adjustments may require a FY 1995 budget amendment.

Construction and procurement activities will continue. Title III , CM and Project Management support will continue. Project documentation will include issuance of the FSAR; update of the Part B Permit as required; and documentation for the readiness review and startup activities. Fabrication will be initiated for the GFE Boxed Waste Assay System.

Planning Year (FY 1996) Description(Limit 156 lines or less):

It is planned that in March 1996, WRAP Module 1 construction will be complete. This will meet the TPA Interim Milestone, M-18-01, 'Complete construction.' Startup activities will be initiated, but will be constrained due to the target/decrement shortfall of \$1,741,000. It is not anticipated to impact the schedule completion of the facility startup.

The operations activities, based on the target and decrement case funding shortfalls (\$5,275,000 and \$7,867,000 respectively), will be phased such that the low level waste line will be operational to meet the M-18 TPA milestone, but the TRU line will not be operational. The planning case provides funding for staffing increases to startup the TRU line.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

In February 1997, Key Decision 4 will be granted allowing for the operation of WRAP Module 1 in March 1997. Operation of WRAP Module 1 will meet TPA

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Major Milestone M-18-00, 'Initiate Operations.' WRAP Module 1 operations will commence and continue through the life cycle of the project.

In the target case, the TRU line will become operational in FY 1998. In the subsequent years, funding is provided to fully operate the facility.

Impacts/Assumptions(Limit 42 lines or less):

In an effort to enhance cost efficiencies, this ADS reflects a productivity commitment which achieves the same workscope at a lower unit rate, or the application of more efficient processes, or through cost avoidance.

The schedule dates and Budget Authority profile in this ADS reflects the approved Tri-Party Agreement (TPA) change request M-18-90-2 to complete construction in March 1996, and initiate operations in March 1997, with an identified TEC of \$53.6M.

A key operations assumption is that no sample analysis capability is currently provided within the scope of WRAP Module 1. Laboratory support will be available and/or automated field screening capabilities will be added in the future.

A key planning assumption is that WRAP Module 1 construction can be accomplished under interim status. If finalization of the Part B Permit is required, WRAP Module 1 construction schedules will be impacted and new Tri-Party Agreement milestones for completion of construction and start of operations will need to be negotiated with the Environmental Protection Agency (EPA) and the State of Washington Department of Ecology (Ecology).

Supporting Documents(Limit 5 lines or less):

The DOE has commitments to Public, State of Washington, and Federal EPA to construct WRAP 1 and enable permanent disposal of TRU wastes currently stored at Hanford. The TPA (M-18-00) recognizes characterizing wastes in WRAP is a part of safely handling the waste in accordance with WAC 173-303.

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

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DESCRIPTION OF REGULATORY DRIVERS Continued

CAA:

Emissions from WRAP 1 will be managed per the Clean Air Act.

DOE:

DOE Orders: 4700.1A, 5400.1, 5400.5, 5480.1B, 5480.22, 5480.23, 5480.24,
5480.4, 5480.2A, 6430.1A

FED:

Code of Federal Regulations: 40CFR 191-03(b), 40CFR 60, 40CFR 61, 40CFR
260, 40CFR 261, 40CFR 262, 40CFR 264, 40CFR 265

NEPA R:

The Hanford EIS-ROD requires retrieved TRU wastes be repackaged/certified
for shipment to the WIPP site.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

RCRA:

RCRA regulations require compliant treatment, storage, and disposal of solid radioactive wastes.

ST:

Washington State regulations, WAC 173-303, require compliant treatment, storage, and disposal of solid radioactive wastes.

TRI:

Construction and operation of WRAP Module 1 is Tri-Party Agreement milestone M-18.

TSCA:

TSCA regulations require compliant treatment, storage, and disposal of solid radioactive wastes containing polychlorinated biphenyls.

DESCRIPTION OF REGULATORY DRIVERS Continued

RCRA: RCRA regulations require compliance treatment, storage, and disposal of solid radioactive wastes.

ST: Washington State regulations, WAC 173-201 require compliance treatment, storage, and disposal of solid radioactive wastes.

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TRI: Construction and operation of WAP Mobile is Tri-Party Agreement between M-18.

TSCA: TSCA regulations require compliance treatment, storage, and disposal of solid radioactive wastes containing polychlorinated biphenyls.

Environmental Management
 FY96 Field Submission
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Operations Office: RL ID No.: 2230- 1 Revision Date: 4/24/1994
 ADS Title: WRAP MODULE 2A
 WBS No.: 1.3.7.3.8 Category: WM Appr.:
 Project Title: SWOC WRAP MODULE IIA Facility/WAG: CENTRAL WASTE COMPLEX
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: 94-D-411 TPC: 139900 TEC: 81900
 Contig: 16300
 CNTR Manager: MCCARTHY, MM Phone: 509-376-1589
 O.O. Manager: GUERCIA, RF Phone: 509-376-5494
 H.Q. Manager: DELEON, G Phone: 301-903-7668
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 100 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: Y CWA: N SDWA: N RCRA: Y 3004U: N TSCA: Y CERCLA: N NEPA: Y
 DOE: Y IAG: N OSHA: Y ORD: Y ST : Y TRI : Y FED : Y FFCA: N
 OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	4,178	898		A	0	8,409	32,509	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	4,700	7,248		D	0	0	0	0
				E	0	0	0	0
TOTAL	8,878	8,146		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	0	8,409	32,509	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	0
CE	0
GPP	0
LI	0
TOTAL	0

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TARGET LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	2,883	15,119	17,717	37,471
CE	0	0	200	0	500
GPP	0	0	0	0	0
LI	8,409	34,931	9,241	0	10,610
TOTAL	8,409	37,814	24,559	17,717	48,581

FTEs	FY94	FY95
Direct	27	8
Indirect	20	6
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	26	107	142	249
Indirect	0	20	79	105	184
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	10,409	9,320	13,806	20,954	28,545
CE	500	0	200	0	0
GPP	0	0	0	0	0
LI	21,600	44,003	3,100	0	0
TOTAL	32,509	53,323	17,106	20,954	28,545

FTEs	FY94	FY95
Direct	27	44
Indirect	20	32
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	59	51	80	149	191
Indirect	44	38	59	110	142
Federal	0	0	0	0	0

Environmental Management
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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY						
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK			
TITLE: W-100 WRAP 2A PROJECT INTEGRATIO												
APPROP: D												
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	B	C	D	E	F	G	H	I
EW3130020	583	147		0	0	0	1,200	0	0	0	0	0
35EW31302	0	0		0	0	0	0	0	0	0	0	0
39EW31302	0	0		0	0	0	0	0	0	0	0	0
39EW31302	0	0		0	0	0	0	0	0	0	0	0
TOTAL	583	147		0	0	0	1,200	0	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	366	2,496	552	1,876
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	366	2,496	552	1,876

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	1,200	1,196	1,346	1,035	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	1,200	1,196	1,346	1,035	0

Environmental Management
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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AB						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-100 WRAP 2A SYSTEMS ENGINEERIN									
APPROP: D									
					A	0	0	2,473	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130020	1,019	307			E	0	0	0	0
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	1,019	307			TOTAL	0	0	2,473	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	358	2,316	236	3,444
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	358	2,316	236	3,444

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	2,473	1,175	1,337	249	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	2,473	1,175	1,337	249	0

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 FY96 Field Submission
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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AC						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-100 WRAP 2A OPERATIONAL PREPAR									
APPROP: D									
					A	0	0	1,206	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130020	288	48			E	0	0	0	0
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	288	48			TOTAL	0	0	1,206	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	609	3,938	5,342	96
35EW31302	0	0	200	0	500
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	609	4,138	5,342	596

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	706	1,956	3,206	5,741	0
35EW31302	500	0	200	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	1,206	1,956	3,406	5,741	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AD				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-100 WRAP 2A CDR/ACDR							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130020	685	0		E	0	0	0
35EW31302	0	0		F	0	0	0
39EW31302	0	0		G	0	0	0
39EW31302	0	0		H	0	0	0
			I	0	0	0	0
TOTAL	685	0		TOTAL	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AE						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-100 WRAP 2A EQUIPMENT DEVELOPM									
APPROP: D									
					A	0	0	1,547	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	-0	0	0	0
EW3130020	578	127			E	0	0	0	0
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	578	127			TOTAL	0	0	1,547	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	350	1,822	58	1,978
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	350	1,822	58	1,978

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	1,547	1,151	970	72	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	1,547	1,151	970	72	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF					FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AF					DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-100 WRAP 2A WASTE IMMOBILE DEM								
APPROP: D								
				A	0	0	3,609	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW3130020	1,025	269		E	0	0	0	0
35EW31302	0	0		F	0	0	0	0
39EW31302	0	0		G	0	0	0	0
39EW31302	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	1,025	269		TOTAL	0	0	3,609	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	466	1,832	0	4,323
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	466	1,832	0	4,323

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	3,609	1,508	793	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	3,609	1,508	793	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY									
SUB-DESC: PROGRAM: EM SUBACT: AG						DECREMENT	TARGET	PLAN	IMM RISK						
TITLE: W-100 WRAP 2A OPERATIONS															
APPROP: D															
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D	E	F	G	H	I
EW3130020	0		0				0	0	0	874	0	0	0	0	0
35EW31302	0		0				0	0	0	0	0	0	0	0	0
39EW31302	0		0				0	0	0	0	0	0	0	0	0
39EW31302	0		0				0	0	0	0	0	0	0	0	0
TOTAL	0		0				0	0	0	874	0	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	735	2,715	11,528	25,754
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	735	2,715	11,528	25,754

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	874	2,335	6,154	13,857	28,545
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	874	2,335	6,154	13,857	28,545

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AH				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-100 WRAP 2A DEFINITIVE DESIGN							
APPROP: D							
			A	0	1,358	3,257	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130020	0	0	E	0	0	0	0
35EW31302	0	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	4,200	6,303	H	0	0	0	0
			I	0	0	0	0
TOTAL	4,200	6,303	TOTAL	0	1,358	3,257	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	1,358	862	1,757	0	1,522
TOTAL	1,358	862	1,757	0	1,522

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	3,257	700	600	0	0
TOTAL	3,257	700	600	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AI						DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: W-100 WRAP 2A CONSTRUCTION										
APPROP: D										
					A	0	6,843	17,843		0
					B	0	0	0		0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0		0
					D	0	0	0		0
EW3130020	0	0			E	0	0	0		0
35EW31302	0	0			F	0	0	0		0
39EW31302	0	0			G	0	0	0		0
39EW31302	100	405			H	0	0	0		0
					I	0	0	0		0
TOTAL	100	405			TOTAL	0	6,843	17,843		0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	6,843	33,644	6,980	0	8,842
TOTAL	6,843	33,644	6,980	0	8,842

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	17,843	42,203	2,500	0	0
TOTAL	17,843	42,203	2,500	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AJ						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-100 WRAP 2A PROJECT MANAGEMENT									
APPROP: D									
					A	0	208	500	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130020	0	0			E	0	0	0	0
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	400	540			H	0	0	0	0
					I	0	0	0	0
TOTAL	400	540			TOTAL	0	208	500	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	208	425	504	0	246
TOTAL	208	425	504	0	246

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	500	1,100	0	0	0
TOTAL	500	1,100	0	0	0

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A106 Cross References

A106 Number: W-100

Date: 6/25/92

Title: Waste Receiving and Processing Facility Module 2A
Federal Facility Identification: WA 890108967

Region: 10

Assessment: H

Status: CMPA

Progress: DES

Tiger Team Cross References

Tiger Team Finding Number: WM/CF-8

Date: 8/08/90

Title: STORAGE OF MIXED WASTE IN CONTAINERS OF QUESTIONABLE INTEGRITY

FY95-99 ADS Cross References

ADS #: RL 2230 1

Title: Project W-100, Waste Receiving and Processing (WRAP) Module 2A

Transferred in its entirety: Y

Explanation of Change:

MILESTONES

Milestone No.: 3A5-94-007 Milestone Seq: 2230-01-0010 TPA MS NO.: M-19-01

Title: START WRAP 2A PRELIMINARY (TITLE I) DESIGN

Planning Date	Target Date	Decrement Date	Level: HQ	Keyword: T
1/01/1994	1/01/1994	1/01/1994	PTS: Y	SMS: Y

Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-19-01)

PRESENT IN Tiger Team: Y Program Execution Guidance: N

Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

This milestone is for the WRAP 2A Preliminary Title I design.

Milestone No.: M-19-01 Milestone Seq: 2230-01-0015 TPA MS NO.: M-19-01

Title: APPROVE NEPA DOCUMENTATION

Planning Date	Target Date	Decrement Date	Level: HQ	Keyword: T
2/28/1995	2/28/1995	2/28/1995	PTS: Y	SMS: Y

Driver Name: TRI Driver Reference: TPA, NEPA, Air (M-19-01)

PRESENT IN Tiger Team: Y Program Execution Guidance: N

Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

NEPA documentation is required for all of the major federal actions.

MILESTONES Continued

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Milestone No.: M-19-01 Milestone Seq: 2230-01-0025 TPA MS NO.: M-19-01
Title: COMPLETE WRAP 2A DETAILED (TITLE II) DESIGN
Planning Date Target Date Decrement Date Level: FO Keyword: T
3/31/1996 9/30/1996 9/30/1997 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-19-01)
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
This milestone is for the completion of WRAP 2A Title II detailed design.

Milestone No.: M-19-01 Milestone Seq: 2230-01-0020 TPA MS NO.: M-19-01
Title: ISSUE WRAP 2A PSAR REVISION 0
Planning Date Target Date Decrement Date Level: FO Keyword: T
3/31/1996 9/30/1997 9/30/1997 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-19-01)
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
A Preliminary Safety Analysis Report is required prior to award of construction contract.

Milestone No.: M-19-01 Milestone Seq: 2230-01-0030 TPA MS NO.: M-19-01
Title: START WRAP 2A CONSTRUCTION
Planning Date Target Date Decrement Date Level: HQ Keyword: T
3/30/1996 9/30/1997 9/30/1997 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-19-01)
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
This milestone is for the start of construction of the WRAP 2A, a major systems acquisition is defined as issuance of RFQ.

Milestone No.: M-19-01 Milestone Seq: 2230-01-0035 TPA MS NO.: M-19-01
Title: COMPLETE WRAP 2A CONSTRUCTION (INTERIM TRI-PARTY AGREEMENT)
Planning Date Target Date Decrement Date Level: HQ Keyword: T
9/30/1998 3/31/2000 9/30/2000 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
This milestone is for the completion of the WRAP 2A construction.

MILESTONES Continued

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Milestone No.: Milestone Seq: 2230-01-0040 TPA MS NO.: M-19-00
Title: ISSUE WRAP 2A FSAR REVISION 0
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1998 3/31/2000 3/31/2000 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
A Final Safety Analysis Report is required prior to the start of WRAP 2A operations.

Milestone No.: M-19-01 Milestone Seq: 2230-01-0045 TPA MS NO.: M-19-00
Title: INITIATE WRAP 2A START-UP (MAJOR TRI-PARTY AGREEMENT)
Planning Date Target Date Decrement Date Level: HQ Keyword: T
9/30/1999 3/31/2001 3/31/2001 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
The operation of the WRAP 2A is a major Tri-Party Agreement milestone.

~~NARRATIVE~~

LAST UPDATE: 04-24-1994 TIME: 12:30:43

Technical Scope Summary(Limit 15 line or less):

The mission of the WRAP 2A Facility is to receive, process, package, and certify for permanent burial at the Hanford Site disposal facilities those contact handled (CH) radioactive mixed low-level solid wastes (MLLW) that: (1) are currently in retrievable storage at the Hanford Central Waste Complex awaiting a treatment capability to permit permanent disposal compliant with the Land Disposal Restrictions; (2) are forecasted to be generated over the next 30 years by clean-up work at the Site; and (3) waste to be shipped to the Hanford Site from other U.S. Department of Energy Sites. Completion of this facility fulfills Tri-Party Agreement milestone M-19-00.

Technical Scope Detail(Limit 104 lines or less):

WRAP Module 2A is the Subproject that provides treatment capability as part of the Solid Waste Operations Complex (SWOC) MSA for retrieval, storage and treatment. WRAP Module 2A will have the capability to non-thermally treat 29,000 cubic feet of incoming waste annually on a single shift operation basis including waste pre-treatment and conditioning, size reduction,

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cement grout stabilization, polymer encapsulation, product sampling, and special waste treatment. WRAP 2A will have future expansion capability.

This ADS 2230-01 provides for the Total Project Costs which include Expense, CENRTC, and Line Item funding, and the Operations funding required to operate the facility. The work breakdown structure is comprised within the Subactivities as follows:

PROJECT INTEGRATION(AA)--This Subactivity will provide project management and control for WRAP 2A. The tasks include: cost and schedule control, project management plan, document control and records management, project engineering support to include direction/support to the Architect/Engineer. Continue to interface and coordinate with Solid Waste Programs on the Major Systems Acquisition (MSA) strategy, review Activity Data Sheets, and support Five-Year Planning. Prepare validation review packages, Energy System Acquisition Reviews (ESAR), and obtain Key Decision approvals.

SYSTEMS ENGINEERING(AB)--This Subactivity will provide technical directions and review for WRAP Module 2A on the following: waste characterization, facility interfaces/characteristics, waste immobilization demonstration sampling techniques and laboratory analysis methods. Prepare and maintain the waste sampling plan and Supplemental Design Requirements Document (SDRD). Continue to prepare waste forms for testing and qualification and box breakdown study. Provide technical interface with Solid Waste Projects. Support senior design review board. Provide direction and coordination for preparation of required permits, NEPA, and safety documentation.

OPERATIONAL PREPAREDNESS AND STARTUP(AC)--This Subactivity will provide operational preparedness and startup costs associated with the total project cost (TPC) for WRAP 2A. Provide management review and engineering support to include review of project documents and responding to information requests. Provide operational expertise to review the adequacy of designs and concepts from a facility operations feasibility perspective. Support program planning and integration efforts. Initiate work to develop a facility startup plan. Integrate WRAP 2A data management with the control and data integration team and with the acquisition of WRAP 2A computer systems. This Subactivity includes the one time costs related to startup, operator training, and commissioning. This Subactivity will also provide support for procurement of facility spares (CENRTC). Facilities spares includes: 2 manipulators (light duty); power manipulator (heavy duty); pugmill; lift table; double lid door.

CONCEPTUAL DESIGN REPORT (CDR)/ADVANCED CDR(AD)--This Subactivity will provide preparation of the Advanced Conceptual Design Report (ACDR) by the offsite Architect/Engineer. Preparation of the Definitive Design contract proposal and workplan as part of the Architect/Engineer contract.

EQUIPMENT DEVELOPMENT AND TESTING(AE)--This Subactivity will provide review

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and support of equipment development and testing as identified in the equipment development plan. Review and support size reduction and grouting equipment development. Provide direction to Architect/Engineer on interface requirements and mechanical equipment development.

WASTE IMMOBILIZATION DEMONSTRATION TECHNIQUES(AF)--This Subactivity will provide and demonstrate the technical basis for the chemical process flowsheet baseline. Provide a demonstrated immobilization process technology. Continue technical interface with other sites and commercial facilities.

OPERATIONS(AG)--This Subactivity provides support for startup which includes preparation of plans (startup, emergency response, facility effluent monitoring, maintenance, training, etc.), procedure development (operating, maintenance, training, administrative, etc.), and compliance reviews (DOE, WHC policy/procedure, etc.). Operation funding for this facility begins in FY 1999 (Operating and Maintenance, CENRTC). These activities are outside the scope of startup contained in the Total Project Costs.

DEFINITIVE DESIGN(AH)--This Subactivity provides for Architect/Engineer preparation of the Definitive Design, which includes Preliminary (Title I) Design and the Detailed (Title II) Design. The Definitive Design will include drawing specifications, construction schedules, and cost estimated for the design/construction packages. This Subactivity also provides for Field Engineering and Inspection (Title III) activities to include: ECNs/NCRs, as-builts, configuration management, fair cost estimates and submittal review to be performed by the offsite Architect/Engineer, and oversight/acceptance inspection for construction to be performed by the onsite Architect/Engineer.

CONSTRUCTION(AI)--This Subactivity provides for the construction of the WRAP 2A project. The Subactivity also provides for construction management services by the construction contractor. Those services will include: support construction planning and constructability reviews; prepare, evaluate and send bid packages; contract administration; work planning and tracking; and work statusing and reporting.

PROJECT MANAGEMENT(AJ)--This Subactivity provides for project management support by the operating contractor to facilitate project interface with the Architect/Engineer, Construction Management and DOE. Project management also provides for Resident Engineer support, Project Engineer support, and Engineering Manager support.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

The conceptual design for WRAP Module 2 was initiated in 1990, but was terminated in 1990 prior to completion due to funding constraints. Because of technical uncertainties associated with waste disposal at the Waste

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Isolation Pilot Plant, the original scope of WRAP Module 2 has been sub-modularized into WRAP 2A, MLLW Treatment, WRAP 2B, Remote-handled and Large Containers.

In FY 1992, it was determined that WRAP 2A would be a FY 1994 Line Item. Activities that restarted were project integration, completion of conceptual design, initiation of the waste immobilization demonstration program, and initiation of the advanced conceptual design. Key Decision 0 was obtained. Completed preparation of the preliminary safety evaluation and hazards analysis, prepared the NEPA C-2 analysis, and initiated the preparation of the Equipment Development Program Plan (EDPP).

In FY 1993, activities continued with project integration, startup support, initiation of the engineering development program and issuance of the EDPP, and safety and quality assurance support. A successful ICE review was conducted, the Project Plan was prepared and submitted to DOE-HQ, revised C.2 Analysis was submitted for approval, various Waste Immobilization Demonstration Program activities completed to confirm the baseline process selection, and ACDR studies were completed 60% and 90%.

In FY 1994, project activities will continue with project integration, startup support with the initiation of the Startup Plan, continue the waste immobilization demonstration program, complete the advanced conceptual design report, continue engineering development (equipment development), prepare the PSAR and support preparation, submittal and approval of the NEPA documentation, air permit and RCRA Part B Permit application. Technical criteria definition and assessment will be completed to support the start of Preliminary Design (Title I). Key Decision 1 will be awarded. The Architect/Engineer will start Title I Design. Project management and construction management support will be provided. Discussions were initiated with the Washington State Department of Ecology and U.S. Environmental Protection Agency on privatization of the WRAP 2A functions. Parallel efforts on the project and privatization will continue.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in the ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$7,904,900, resulting in a new total of \$8,468,400. These adjustments may require a FY 1995 budget amendment.

In the planning case, project support activities will continue with project integration, startup support will initiate readiness reviews and complete formation of the core management team, continue the waste immobilization demonstration program, including completion of mixing optimization tests and initiation of hot demonstration tests, continue engineering development including prototype equipment testing, issue the draft PSAR for approval, approve the NEPA documentation (C-2 Analysis), prepare air permit

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applications, and support approval of the RCRA Part B permit application. The Title I Design will be completed. Key Decision 2 will be awarded, and the Title II Design will be initiated. Project management support and construction management support will be provided, including preparation of the Construction Management Plan.

The target funding constraints in FY 1995 will impact the project support activities such that the waste immobilization demonstration program, PSAR, permitting and equipment development activities will be constrained in support of the capital funded Title I Design activities. Efforts to privatize the WRAP 2A functions will continue.

Planning Year (FY 1996) Description(Limit 156 lines or less):

Funding at the level of the planning case will result in no delays to the M-19-00 TPA milestone. Activities in FY 1996 include receipt of Key Decision 3 to commence construction. Request for Quotes (RFQ) process will be completed with the selection of the major construction contractor, and initiation of field engineering and inspection (Title III) activities. The Waste Immobilization Demonstration Program and engineering development (equipment development) work will continue to completion in support of design, construction and start-up/operations. The PSAR will be approved in FY 1996 and the FSAR initiated. Procurement of facility spares will be initiated.

In the target case, the additional funding shortfall from FY 1995 is \$24,084,000. At this funding level, efforts to privatize mixed waste treatment are fully supported. If privatization is unsuccessful, resumption of the project is funded in FY 1997 at \$40,000,000, however the project will incur a 20 month delay. The project funding is therefore reduced in the target case assuming successful privatization in meeting the requirements of the M-19-00 TPA milestone.

In the decrement case, where no funding is provided, the project schedule is delayed 18 months. All efforts to privatize this activity are delayed an equivalent duration. The M-19-00 TPA milestone will be missed.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

In the planning case, procurement of the Non-Destructive Assay (NDA) and Computer System will be delayed from FY 1996 to FY 1997. These procurements will be accelerated in FY 1997 in order to meet the schedule for the installation dates.

Provide issuance of FSAR, update the RCRA Part B Permit as required, continue safety and quality assurance support, and provide support to readiness review/startup activities. Continue to staff-up for readiness review and plant operations. Initiate preparation of operating, test procedures, various operating and administrative procedures, readiness

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review documentation, etc.

Plant startup activities will be completed to meet the proposed TPA Interim milestone M-19-01 'Complete Construction' on September 30, 1998. Plant operations activities such as preparation of operating procedures, operator training, operability testing, readiness reviews support the proposed TPA Major milestone M-19-00 'Initiate Operations' on September 30, 1999. At that time Key Decision 4 will be awarded and operations will be initiated. The operating life of the facility is schedule from FY 1999 to FY 2029.

In the target case, efforts to privatize mixed waste treatment are fully supported. As stated, if privatization is unsuccessful, resumption of the project is funded in the outyears. A phased project support, construction, procurement and project management approach will have to be implemented in order to meet the continued funding constraints through project completion. Recovery of the project and design team may impact the estimated schedule and total project costs.

Impacts/Assumptions(Limit 42 lines or less):

In an effort to enhance cost efficiencies, this ADS reflects a productivity commitment which achieves the same workscope at a lower unit rate, or the application of more efficient processes, or through cost avoidance.

Sufficient funding must be made available on a timely basis. The preliminary cost estimate showed a project TEC of \$81.9M, based on identified major cost drivers. The planning funding profile in FY 1996 causes some delays in construction and procurement that will be carried over to FY 1997. The delays will not impact the construction complete date but may impact the TEC slightly.

The waste immobilization demonstration program has identified an acceptable waste form.

The first draft of the WRAP Part B Permit was submitted to the State in October 1991. This permit will be modified to include specific details on Module 2A. If finalization of the permit is required prior to construction, WRAP construction schedules will be impacted by approximately one year.

The target case funding in FY 1995 and FY 1996 assume privatization will be successful in meeting the requirements of TPA milestone M-19-00. If privatization efforts are not successful, completion of the milestone is delayed 18 months unless additional funding is provided in these years.

Supporting Documents(Limit 5 lines or less):

Standards specified in RCRA (40CFR 268), WAC 173-303 and DOE Order 5820.2A, and specified as the treatment facility in DOE/RL-90-4. MLLW is considered

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land disposal restricted (LDR). Disposal cannot be conducted until the waste is treated to levels specified in 40CFR Part 268.

Performance Measures (Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

~~DESCRIPTION OF REGULATORY DRIVERS~~

CAA:

Emissions from WRAP 2A will be managed per the Clean Air Act.

DOE:

DOE Orders: 4700.1A, 5400.1, 5400.3, 5400.5, 5480.1B, 5480.22, 5480.23, 5480.24, 5480.4, 5480.2A, 6430.1A

~~DESCRIPTION OF REGULATORY DRIVERS: Continued~~

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~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

FED:

Code of Federal Regulations: 40CFR 191-03(b), 40CFR 60, 40CFR 61, 40CFR 260, 40CFR 261, 40CFR 262, 40CFR 264, 40CFR 265

NEPA R:

NEPA requires an impact review of all new activities.

RCRA:

RCRA regulations require compliant treatment, storage, and disposal of solid radioactive wastes.

ST:

Washington State regulations, WAC 173-303, require compliant treatment, storage, and disposal of solid radioactive wastes.

~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

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DESCRIPTION OF REGULATORY DRIVERS Continued

TRI:

Construction and operation of WRAP 2A is Tri-Party Agreement milestone M-19.

TSCA:

TSCA regulations require compliant treatment, storage, and disposal of solid radioactive waste containing polychlorinated biphenyls.

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DESCRIPTION OF REGULATORY DRIVERS CONTAINED
IN:
Construction and operation of WAP SA in T41 Party Agreement with
19

TSCA:
TSCA regulations require compliance treatment, storage, and disposal of
solid radioactive waste

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Operations Office: RL ID No.: 2250- 0 Revision Date: 4/24/1994
 ADS Title: SOLID/LIQUID WASTE-NEW FACILITY PLANNING
 WBS No.: 1.3.7.3.10 Category: WM Appr.:
 Project Title: SOLID LIQUID WASTE NEW F Facility/WAG: CENTRAL WASTE COMPLEX
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: TPC: TEC:
 Contig: 0
 CNTR Manager: MCCARTHY, MM Phone: 509-376-1589
 O.O. Manager: GUERCIA, RF Phone: 509-376-5494
 H.Q. Manager: DELEON, G Phone: 301-903-7668
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 1 TRU: 40 TRU MIX: 8 LLW: 30 MLLW: 20 HAZ: 0 SANT: 0 SNF: 1

REGULATORY DRIVERS

CAA: Y CWA: N SDWA: N RCRA: Y 3004U: N TSCA: Y CERCLA: N NEPA: Y
 DOE: Y IAG: N OSHA: Y ORD: Y ST : Y TRI : Y FED : Y FFCA: N
 OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		FY96 DRIVER CATEGORY		IMM RISK	
					DECREMENT	TARGET		
OE	0	0		A	0	0	3,583	2,433
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	4,231	125
LI	0	0		D	0	0	0	0
				E	0	0	1,555	1,555
TOTAL	0	0		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	0	0	9,370	4,113

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	0
CE	0
GPP	0
LI	0
TOTAL	0

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	4,521	6,322	12,274	15,953
CE	0	0	0	1,310	920
GPP	0	0	0	0	0
LI	0	0	0	3,802	7,897
TOTAL	0	4,521	6,322	17,386	24,770

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	11	20	23	22
Indirect	0	8	15	17	17
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	9,370	18,853	23,379	21,235	11,202
CE	0	0	1,048	5,829	6,484
GPP	0	0	0	0	0
LI	0	0	0	49,300	104,222
TOTAL	9,370	18,853	24,427	76,364	121,908

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	43	60	69	161	186
Indirect	32	44	51	119	138
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY									
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK						
TITLE: W-255 WRAP 2B															
APPROP: D															
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D	E	F	G	H	I
EW3130020	0		0				0	0	1,150						0
35EW31302	0		0				0	0	0						0
39EW31302	0		0				0	0	0						0
39EW31302	0		0				0	0	0						0
TOTAL	0		0				0	0	1,150						0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	1,990	1,682	3,843	4,086
35EW31302	0	0	0	1,310	920
39EW31302	0	0	0	0	0
39EW31302	0	0	0	3,802	7,897
TOTAL	0	1,990	1,682	8,956	12,903

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	1,150	2,635	3,734	3,257	1,579
35EW31302	0	0	0	1,310	917
39EW31302	0	0	0	0	0
39EW31302	0	0	0	9,483	12,601
TOTAL	1,150	2,635	3,734	14,050	15,097

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AB						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-221 PHASE 2 RETRIEVAL									
APPROP: D									
					A	0	0	2,433	2,433
					B	0	0	0	0
B&R	FY94	APPR	FY95	PRES	FY95	APPR	C	0	0
							D	0	0
EW3130020	0		0				E	0	0
35EW31302	0		0				F	0	0
39EW31302	0		0				G	0	0
39EW31302	0		0				H	0	0
							I	0	0
TOTAL	0		0				TOTAL	0	0
								2,433	2,433

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	2,120
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	2,120

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	2,433	3,169	2,609	2,615	1,656
35EW31302	0	0	0	655	655
39EW31302	0	0	0	0	0
39EW31302	0	0	0	6,642	12,879
TOTAL	2,433	3,169	2,609	9,912	15,190

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AC						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-318 PHASE 6 STORAGE									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	345	0
					D	0	0	0	0
EW3130020	0	0			E	0	0	0	0
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	0			TOTAL	0	0	345	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	345	188	93	136	565
35EW31302	0	0	0	0	393
39EW31302	0	0	0	0	0
39EW31302	0	0	0	1,540	13,070
TOTAL	345	188	93	1,677	14,027

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AD						DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: W-156 CAISSON RETRIEVAL										
APPROP: D										
						A	B	C	D	E
						0	0	0	0	0
						0	0	0	0	0
B&R	FY94	APPR	FY95	PRES	FY95	APPR	C	125	125	125
EW3130020	0		0		0		E	0	0	0
35EW31302	0		0		0		F	0	0	0
39EW31302	0		0		0		G	0	0	0
39EW31302	0		0		0		H	0	0	0
						0	0	0	0	0
						0	0	0	0	0
TOTAL						0	0	125	125	125
						TOTAL	0	0	125	125

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL	
EW3130020	0	
35EW31302	0	
39EW31302	0	
39EW31302	0	
TOTAL		0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00					
EW3130020	0	0	0	0	0					
35EW31302	0	0	0	0	0					
39EW31302	0	0	0	0	0					
39EW31302	0	0	0	0	0					
TOTAL						0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00					
EW3130020	125	1,267	1,354	1,678	887					
35EW31302	0	0	0	0	0					
39EW31302	0	0	0	0	0					
39EW31302	0	0	0	0	2,947					
TOTAL						125	1,267	1,354	1,678	3,834

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AE				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-174 ADVANCED DISPOSAL							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	125
				D	0	0	0
EW3130020	0	0		E	0	0	0
35EW31302	0	0		F	0	0	0
39EW31302	0	0		G	0	0	0
39EW31302	0	0		H	0	0	0
				I	0	0	0
TOTAL	0	0		TOTAL	0	0	125

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	125	1,020	1,368	1,418	534
35EW31302	0	0	0	524	524
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	1,470
TOTAL	125	1,020	1,368	1,942	2,528

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AF				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-247 LLW HANDLING FACILITY							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	250
			D	0	0	0	0
EW3130020	0	0	E	0	0	0	0
35EW31302	0	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	0	0	TOTAL	0	0	250	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	250	1,915	2,960	2,227	2,080
35EW31302	0	0	0	0	655
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	3,592
TOTAL	250	1,915	2,960	2,227	6,327

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AG						DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: W-242 THERMAL TREATMENT										
APPROP: D										
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D
EW3130020	0		0				0	0	0	0
35EW31302	0		0				0	0	0	0
39EW31302	0		0				0	0	2,358	0
39EW31302	0		0				0	0	0	0
TOTAL	0		0				0	0	2,358	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	2,358	3,602	4,593	3,825	2,534
35EW31302	0	0	1,048	1,048	1,048
39EW31302	0	0	0	0	0
39EW31302	0	0	0	21,866	36,509
TOTAL	2,358	3,602	5,641	26,738	40,090

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AH						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-319 TRUSAF UPGRADES/EXTENSION									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130020	0	0			E	0	0	1,555	1,555
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	0			TOTAL	0	0	1,555	1,555

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	2,531	2,172	6,260	9,746
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	2,531	2,172	6,260	9,746

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	1,555	3,197	2,491	2,672	1,368
35EW31302	0	0	0	1,310	1,310
39EW31302	0	0	0	0	0
39EW31302	0	0	0	6,285	8,671
TOTAL	1,555	3,197	2,491	10,267	11,348

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AI						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-329 LOW LEVEL BURIAL GROUND CL									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	1,028	0
					D	0	0	0	0
EW3130020	0	0			E	0	0	0	0
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	0			TOTAL	0	0	1,028	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	1,028	1,860	1,435	996	0
35EW31302	0	0	0	982	982
39EW31302	0	0	0	0	0
39EW31302	0	0	0	3,484	12,484
TOTAL	1,028	1,860	1,435	5,463	13,466

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AJ				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: MIXED WASTE DISPOSAL TRENCH/WRAP							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130020	0	0	E	0	0	0	0
35EW31302	0	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	0	0		0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	2,469	2,170	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	2,469	2,170	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	2,743	2,411	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	2,743	2,411	0

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A106 Cross References

A106 Number: W-156	Date: 6/25/92
Title: REMOTE HANDLED TRANSURANIC RETREIVAL	
Federal Facility Identification: WA 890108967	
Region: 10	Assessment: M
Status: INOV	Progress: DEF
A106 Number: W-221	Date: 6/25/92
Title: PHASE 2 WASTE RETREIVAL	
Federal Facility Identification: WA 890108967	
Region: 10	Assessment: M
Status: ESDF	Progress: DEF
A106 Number: W-242	Date: 6/25/92
Title: SOLID WASTE THERMAL TREATMENT	
Federal Facility Identification: WA 890108967	
Region: 10	Assessment: M
Status: ESDF	Progress: DEF
A106 Number: W-255	Date: 6/25/92
Title: Waste Receiving and Processing Module 2B	
Federal Facility Identification: WA 890108967	
Region: 10	Assessment: M
Status: CMPA	Progress: DEF
A106 Number: W-318	Date: 9/14/93
Title: PHASE 6 RCRA COMPLIANT STORAGE	
Federal Facility Identification: WA 890108967	
Region: 10	Assessment: M
Status: ESDF	Progress: DEF
A106 Number: W-329	Date: 6/25/92
Title: LOW-LEVEL BURIAL GROUND CLOSURE	
Federal Facility Identification: WA 890108967	
Region: 10	Assessment: M
Status: ESDF	Progress: DEF

Tiger Team Cross References

Tiger Team Finding Number:	Date:
Title:	

FY95-99 ADS Cross References

ADS #: RL 2250 0
Title: Solid Waste Programs - New Facility Planning
Transferred in its entirety:
Explanation of Change:
End Function changes from A8 to A9.

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MILESTONES

Milestone No.: NONE Milestone Seq: 2250-00-0080 TPA MS NO.: NONE
Title: Complete WRAP 2B FDC
Planning Date Target Date Decrement Date Level: CNTR Keyword: T
9/30/1994 9/30/1997 9/30/1997 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE Order 5820.2A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
This activity provides for completion of the functional design critiera for the WRAP 2B facility.

Milestone No.: Milestone Seq: 2250-00-0010 TPA MS NO.:
Title: COMPLETE CDR FOR TRUSAF EXPANSION
Planning Date Target Date Decrement Date Level: CNTR Keyword:
3/30/1997 3/30/1998 3/30/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 5820.2A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
This activity provides the conceptual design for expanding storage capacity within TRUSAF.

Milestone No.: NONE Milestone Seq: 2250-00-0075 TPA MS NO.: NONE
Title: Complete WRAP 2B Conceptual Design
Planning Date Target Date Decrement Date Level: CNTR Keyword: T
9/30/1995 3/31/1998 3/31/1998 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE Order 5820.2A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
This activity provides for completion of the conceptual design for the WRAP 2B facility.

Milestone No.: Milestone Seq: 2250-00-0005 TPA MS NO.:
Title: Complete Mixed Waste Disposal Trench construction.
Planning Date Target Date Decrement Date Level: CNTR Keyword:
6/30/1998 6/30/1999 6/30/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5820.2A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Complete Mixed Waste Disposal Trench construction.

MILESTONES Continued

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Milestone No.: NONE Milestone Seq: 2250-00-0055 TPA MS NO.: NONE
Title: Initiate WRAP 2B Design
Planning Date Target Date Decrement Date Level: CNTR Keyword: T
9/30/1999 1/01/2000 1/01/2000 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE Order 5820.2A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
This activity provides for completion of detailed design for the WRAP 2B facility.

Milestone No.: NONE Milestone Seq: 2250-00-0025 TPA MS NO.: NONE
Title: Complete Phase 2 Retrieval FDC
Planning Date Target Date Decrement Date Level: CNTR Keyword: S
9/30/1995 9/30/2000 9/30/2000 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE Order 5820.2A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
This activity provides for completion of the functional design critiera for the Phase 2 TRU Retrieval Facility.

Milestone No.: NONE Milestone Seq: 2250-00-0140 TPA MS NO.: N
Title: FDC THERMAL TREATMENT
Planning Date Target Date Decrement Date Level: CNTR Keyword: T
9/30/1995 9/30/2001 9/30/2001 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5820.2A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
This activity provides for issuing of the thermal treatment facility functional design criteria.

Milestone No.: NONE Milestone Seq: 2250-00-0150 TPA MS NO.: NONE
Title: FDC BURIAL GROUND CLOSURE
Planning Date Target Date Decrement Date Level: CNTR Keyword: D
9/30/1995 9/30/2001 9/30/2001 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5820.2A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
This activity provides for issuing the functional design criteria for the LLW burial ground closure.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: NONE Milestone Seq: 2250-00-0120 TPA MS NO.: NONE
Title: FDC ADVANCED DISPOSAL
Planning Date Target Date Decrement Date Level: CNTR Keyword: D
9/30/1997 9/30/2002 9/30/2002 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE Order 5820.2A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
This activity provides for issuing of the Advanced Disposal Functional Design Criteria.

Milestone No.: NONE Milestone Seq: 2250-00-0130 TPA MS NO.: NONE
Title: FDC LLW HANDLING FACILITY
Planning Date Target Date Decrement Date Level: CNTR Keyword: S
9/30/1997 9/30/2002 9/30/2002 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5820.20
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
This activity provides for issuing the LLW Handling Facility Functional Design Criteria.

NARRATIVE

LAST UPDATE: 04-24-1994 TIME: 13:26:00

Technical Scope Summary(Limit 15 line or less):

This ADS consolidates all future projects (non-validated) under one ADS. The scope of the projects contained in this ADS are as detailed in the technical scope narrative.

Technical Scope Detail(Limit 104 lines or less):

WRAP 2B - A facility for characterizing and packaging remote handled waste for certification and storage/disposal; and for size reduction of packages too large or too heavy for handling in WRAP 1 and WRAP 2A.

PHASE II RETRIEVAL - A facility for retrieving TRU waste from storage in the burial grounds. This facility will compliment Phase I retrieval (ADS 2200-2) of one trench, in that it will provide capabilities to retrieve the remaining 24 trenches, some with breached and/or remote handled containers.

PHASE VI STORAGE - A facility that provides additional RCRA compliant storage. Based on the FY 1993 50% forecast information, all available storage, including that provided by Phase V storage capacity (currently in

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advanced conceptual design) is full by 2002.

CAISSON RETRIEVAL - A facility that provides the ability to remotely retrieve high activity (up to 8000 R/hr) TRU waste from caissons in the burial ground. This facility schedule is dependent on the availability of WRAP 2B to accept the waste.

ADVANCED LLW DISPOSAL - A facility to provide greater confinement for Category 3 wastes. These wastes are currently handled on a case-by-case basis. This facility is a more cost effective means of disposal than that of current high activity containers.

LOW LEVEL WASTE HANDLING FACILITY - A facility to provide volume reduction and reclamation of reusable/recyclable materials in support of waste minimization.

THERMAL TREATMENT - A facility to provide RCRA/TSCA compliant thermal treatment for waste currently stored at Hanford and newly generated in the future.

TRUSAF EXPANSION - A project designed to increase the capacity of the TRUSAF facility for expanded storage of high-gram loaded TRU drums, in the event the WIPP opening is further delayed.

BURIAL GROUND CLOSURE - A project to move or remove roads, rails, and/or utilities that are affected by burial ground closure.

MIXED WASTE DISPOSAL TRENCH - A project that will provide RCRA compliant disposal for mixed waste to support disposal of waste from the mixed waste treatment process.

Act. Comp. to Date/Current Year (FY 1994) Desc. (Limit 52 lines or less):

WRAP 2B - Discussions with the regulators to split WRAP 2 into WRAP 2A (ADS 2230) and WRAP 2B are ongoing. As part of the discussions, an engineering strategy assessment to evaluate alternatives for TRU treatment was completed and submitted to the regulators. Efforts are underway to finalize agreements that WRAP 2A will satisfy M-19-00 and WRAP 2B will be addressed by M-33-00.

CAISSON RETRIEVAL - Preliminary engineering studies to identify waste data and determine retrieval options have been prepared.

ADVANCED LLW DISPOSAL - Draft engineering study to identify alternatives was issued.

THERMAL TREATMENT - Engineering study to identify alternatives has been issued.

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BURIAL GROUND CLOSURE - Engineering study to identify alternatives is in preparation.

MIXED WASTE DISPOSAL TRENCH - One mixed waste disposal trench has been constructed.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's budget is \$0, resulting in a new total of \$0. These adjustments may require a FY 1995 budget amendment.

In planning and target funding scenarios, no tasks are funded in FY 1995.

Planning Year (FY 1996) Description(Limit 156 lines or less):

In the planning case, all the future projects, with the exception of the Mixed Waste Disposal Trench, will initiate project activities. In the target/decrement cases, due to the funding shortfall of \$9,530,000, no tasks are funded in FY 1996.

The planning case activities are as follows:

WRAP 2B - The FDC will be prepared. The CDR will be initiated. The Hazard Classification will be completed, and the PSE and Engineering Safety Study will be initiated.

PHASE II RETRIEVAL - The FDC will be prepared. The CDR will be initiated. The Hazard Classification will be completed, and the PSE and Engineering Safety Study will be initiated.

PHASE VI STORAGE - The FDC will be prepared. The CDR will be initiated. The Hazard Classification will be completed.

CAISSON RETRIEVAL - The preliminary Engineering Study will be reviewed, updated, and reissued.

ADVANCED LLW DISPOSAL - The Engineering Study will be prepared.

LOW LEVEL WASTE HANDLING FACILITY - The Engineering Study will be prepared.
THERMAL TREATMENT - The FDC will be prepared. The CDR will be initiated. The Hazard Classification will be completed, and the PSE and Engineering Safety Study will be initiated.

TRUSAF EXPANSION - The FDC will be prepared. The CDR will be initiated. The Hazard Classification will be completed, and the PSE and Engineering Safety Study will be initiated.

~~NARRATIVE Continued~~

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~~NARRATIVE Continued~~

BURIAL GROUND CLOSURE - The FDC will be prepared. The CDR will be initiated. The Preliminary Safety Classification will be initiated.

MIXED WASTE DISPOSAL TRENCH - No tasks planned in FY 1996.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

In the target case, due to the funding shortfall of \$184,565,000, only WRAP 2B, Phase II Retrieval, TRUSAF Expansion, and the Mixed Waste Disposal Trench are funded. The funding will only provide for initial project activities.

Activities in the planning case are shown below.

WRAP 2B - The CDR will complete. NEPA, Part B Permit, and Air Permit efforts will commence. Engineering Safety Study and the PSE will complete. PSAR work will begin. Detailed design efforts will commence.

PHASE II RETRIEVAL - The CDR will complete. NEPA and Air Permit efforts will commence. Engineering Safety Study and the PSE will complete. PSAR work will begin. Detailed design efforts will commence.

PHASE VI STORAGE - The CDR will complete. NEPA and Part B Permit efforts will commence. Changes to the SAR will be initiated. Detailed design efforts will commence.

CAISSON RETRIEVAL - The FDC will be prepared and issued. The CDR will be completed. NEPA and Air Permit efforts will commence. Engineering Safety Study and the PSE will complete. PSAR work will begin. Detailed design efforts will be initiated.

ADVANCED LLW DISPOSAL - The FDC will be prepared and issued. The CDR will complete. NEPA and Part B Permit efforts will commence. Engineering Safety Study and the PSE will complete. Changes to the SAR will be initiated. Detailed design efforts will commence.

LOW LEVEL WASTE HANDLING FACILITY - The FDC will be prepared and issued. The CDR will complete. NEPA, Part B Permit, and Air Permit efforts will commence. Engineering Safety Study and the PSE will complete. PSAR work will begin. Detailed design efforts will commence.

THERMAL TREATMENT - The CDR will complete. RCRA/TSCA, NEPA, Part B Permit, and Air Permit efforts will commence. Engineering Safety Study and the PSE will complete. PSAR work will begin. Detailed design efforts will commence.

TRUSAF EXPANSION - The CDR will complete. NEPA efforts will commence. Engineering Safety Study and the PSE will complete. PSAR work will begin.

~~NARRATIVE Continued~~

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~~NARRATIVE Continued~~

Detailed design efforts will commence.

BURIAL GROUND CLOSURE - The CDR will complete. NEPA and Part B Permit efforts will commence. Engineering Safety Study and the PSE will complete. Changes to the SAR will be initiated. Detailed design efforts will commence.

MIXED WASTE DISPOSAL TRENCH - The trench will complete design and commence construction in FY 1998 and be operational for receipt of mixed waste by FY 1999.

Impacts/Assumptions(Limit 42 lines or less):

In an effort to enhance cost efficiencies, this ADS reflects a productivity commitment which achieves the same workscope at a lower unit rate, or the application of more efficient processes, or through cost avoidance.

Regulators will approve the proposal that WRAP 2A meet Tri-Party Agreement milestone M-19-00, and WRAP 2B activities will be addressed by M-33-00.

Phase II Retrieval can be completed in time to ship the retrievably stored TRU to WIPP before the end of 2018.

Waste receipts will not vary significantly from projections, therefore, current and planned storage is adequate until 2002.

Remote handled TRU (RH-TRU) waste retrieval from the caissons will be performed in time to support the WIPP RH-TRU loading schedule.

Regulators will continue to allow storage of TSCA and RCRA radioactive wastes until thermal treatment is available.

Renegotiation of the Low Level Waste Burial Ground Closure schedule will allow delays in the moving or removal of roads, rails, and/or utilities.

Delays in new projects makes it difficult to negotiate with the regulators for compliance agreements. Failure to proceed with treatment projects forces the site to continued storage of wastes with no "good faith effort" to pursue treatment, thereby jeopardizing continued receipt of wastes.

Failure to proceed with projects related to TRU retrieval, characterization, and shipping jeopardize our ability to support the WIPP disposal schedule and increases the risks associated with retrieval of breached drums.

Failure to proceed with burial ground closure may jeopardize continued operations if the regulators do not agree to a revised closure schedule.

~~NARRATIVE Continued~~

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Failure to proceed with the mixed waste disposal trench provides no RCRA compliant mixed waste disposal capabilities.

Supporting Documents(Limit 5 lines or less):

RCRA storage requires Phase VI and TRUSAF. The HDW-EIS ROD mandates Phase II retrieval and caisson retrieval. DOE Order 5820.2A requires advanced LLW disposal and LLW handling facility. Burial ground closure is required by the LLW burial ground Part B Permit.

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

~~DESCRIPTION OF REGULATORY DRIVERS~~

CAA:

Emissions from WRAP 2B and other new facilities will be managed per the Clean Air Act.

DOE:

DOE Orders: 4700.1A, 5400.1, 5400.5, 5480.1B, 5480.22, 5480.23, 5480.24, 5480.4, 5480.2A, 6430.1A

~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

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~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

FED:

Code of Federal Regulations: 40CFR 191-03(b), 40CFR 60, 40CFR 61, 40 CFR 260, 40CFR 261, 40CFR 262, 40CFR 264, 40CFR 265

NEPA_R:

NEPA requires an impact review of all new activities.

RCRA:

RCRA regulations require compliant treatment, storage, and disposal of solid radioactive wastes.

ST:

State regulations require compliant treatment, storage, and disposal of solid radioactive wastes, per WAC 173-303.

~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

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DESCRIPTION OF REGULATORY DRIVERS Continued

TRI:

Construction and operation of WRAP 2B Tri-Party Agreement milestone M-33.

TSCA:

TSCA regulations require compliant treatment, storage, and disposal of solid radioactive wastes.

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DESCRIPTION OF REGULATORY DRIVER CONDITIONS

Construction and operation of WAP 28 TTI-Party Agreement pursuant to M-17

TSCA regulations require compliance with storage, treatment, and disposal of solid radioactive wastes

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Operations Office: RL ID No.: 2300- 0 Revision Date: 4/22/1994
 ADS Title: LIQUID EFFLUENTS
 WBS No.: 1.3.7.3.4 Category: WM Appr.:
 Project Title: LIQUID EFFLUENTS Facility/WAG: 200 & 300 AREAS
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: NONE TPC: 0 TEC: 0
 Contig: 0
 CNTR Manager: DILIBERTO, AJ Phone: 509-373-3323
 O.O. Manager: BRYSON, DC Phone: 509-372-0738
 H.Q. Manager: CHOU, G Phone: 301-903-7159
 Auxiliary Fields: 1. N/A 2. N/A 3. N/A

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 8 HAZ: 0 SANT: 92 SNF: 0

REGULATORY DRIVERS

CAA: Y CWA: Y SDWA: N RCRA: Y 3004U: N TSCA: N CERCLA: N NEPA: Y
 DOE: Y IAG: N OSHA: N ORD: N ST : Y TRI : Y FED : N FFCA:
 OTHER 1: OTHER 2: OTHER 3:

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR	DECREMENT	FY96 DRIVER CATEGORY		IMM RISK
					TARGET	PLAN	
OE	26,386	36,786	A	34,168	34,705	34,837	0
CE	264	300	B	0	0	0	0
GPP	0	0	C	0	0	0	0
LI	0	0	D	0	0	0	0
			E	0	0	0	0
TOTAL	26,650	37,086	F	0	0	0	0
			G	0	0	0	0
			H	0	0	0	0
			I	4,000	4,000	7,122	6,000
			TOTAL	38,168	38,705	41,959	6,000

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	33,868
CE	300
GPP	4,000
LI	0
TOTAL	38,168

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TARGET LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	34,405	34,001	30,696	40,280	41,497
CE	300	200	200	200	200
GPP	4,000	7,500	5,485	3,143	0
LI	0	0	0	0	0
TOTAL	38,705	41,701	36,381	43,623	41,697

FTEs	FY94	FY95
Direct	173	323
Indirect	128	239
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	287	296	294	293	289
Indirect	213	219	217	217	214
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	35,659	33,866	30,628	40,135	41,786
CE	300	200	200	200	200
GPP	6,000	7,500	4,000	4,000	0
LI	0	0	0	0	0
TOTAL	41,959	41,566	34,828	44,335	41,986

FTEs	FY94	FY95
Direct	173	323
Indirect	128	239
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	298	297	295	294	290
Indirect	220	219	218	217	215
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AA				DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: LIQUID EFFLUENTS PROGRAM MANAGEM								
APPROP: D								
				A	1,501	1,501	1,501	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW3130020	3,782	2,613		E	0	0	0	0
35EW31302	0	0		F	0	0	0	0
39EW31302	0	0		G	0	0	0	0
39EW31302	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	3,782	2,613		TOTAL	1,501	1,501	1,501	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	1,501
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	1,501

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	1,501	1,555	1,602	1,650	1,699
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	1,501	1,555	1,602	1,650	1,699

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	1,501	1,555	1,602	1,650	1,699
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	1,501	1,555	1,602	1,650	1,699

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AB				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 200 AREA LIQUID EFFLUENT FACILIT							
APPROP: D							
			A	24,400	24,405	24,405	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130020	10,864	21,200	E	0	0	0	0
35EW31302	189	150	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	11,053	21,349		TOTAL	24,400	24,405	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	24,250
35EW31302	150
39EW31302	0
39EW31302	0
TOTAL	24,400

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	24,255	24,539	25,439	26,406	27,443
35EW31302	150	100	100	100	100
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	24,405	24,639	25,539	26,506	27,543

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	24,255	24,539	25,439	26,406	27,443
35EW31302	150	100	100	100	100
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	24,405	24,639	25,539	26,506	27,543

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER		CATEGORY	IMM RISK
SUB-DESC: PROGRAM: EM SUBACT: AC						DECREMENT	TARGET	PLAN	
TITLE: 300 AREA LIQUID EFFLUENT FACILIT									
APPROP: D									
					A	11,442	11,442	11,442	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130020	5,934	12,325			E	0	0	0	0
35EW31302	75	150			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	6,009	12,475			TOTAL	11,442	11,442	11,442	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	11,292
35EW31302	150
39EW31302	0
39EW31302	0
TOTAL	11,442

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	11,293	11,962	12,636	13,375	13,777
35EW31302	150	100	100	100	100
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	11,442	12,062	12,736	13,475	13,876

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	11,293	11,962	12,636	13,375	13,777
35EW31302	150	100	100	100	100
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	11,442	12,062	12,736	13,475	13,876

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AD				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: LIQUID EFFLUENTS SYSTEMS ENGINEE							
APPROP: D							
			A	944	1,603	1,736	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130020	5,806	4,169	E	0	0	0	0
35EW31302	0	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	0	H	0	0	0	0
			I	4,000	4,000	7,122	6,000
TOTAL	5,806	4,169		4,944	5,603	8,857	6,000

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	944
35EW31302	0
39EW31302	4,000
39EW31302	0
TOTAL	4,944

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	1,603	2,882	2,687	2,715	1,938
35EW31302	0	0	0	0	0
39EW31302	4,000	7,500	5,485	3,143	0
39EW31302	0	0	0	0	0
TOTAL	5,603	10,382	8,172	5,858	1,938

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	2,857	2,747	2,619	2,570	2,227
35EW31302	0	0	0	0	0
39EW31302	6,000	7,500	4,000	4,000	0
39EW31302	0	0	0	0	0
TOTAL	8,857	10,247	6,619	6,570	2,227

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AE						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PRODUCTIVITY COMMITMENT									
APPROP: D									
					A	-4,119	-4,246	-4,246	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130020	0	-3,521			E	0	0	0	0
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	-3,521			TOTAL	-4,119	-4,246	-4,246	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	-4,119
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	-4,119

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	-4,246	-6,936	-11,668	-3,866	-3,360
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	-4,246	-6,936	-11,668	-3,866	-3,360

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	-4,246	-6,936	-11,668	-3,866	-3,360
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	-4,246	-6,936	-11,668	-3,866	-3,360

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Al06 Cross References

Al06 Number: _____ Date: _____
Title: _____
Federal Facility Identification: _____
Region: _____ Assessment: _____
Status: _____ Progress: _____

Tiger Team Cross References

Tiger Team Finding Number: _____ Date: _____
Title: _____

FY95-99 ADS Cross References

ADS #: RL
Title: _____
Transferred in its entirety:
Explanation of Change: _____

MILESTONES

Milestone No.: _____ Milestone Seq: 2300-00-0110 TPA MS NO.: M-17-14D
Title: INITIATE TEST PROCEDURES FOR THE 200 AREA ETF
Planning Date Target Date Decrement Date Level: FO Keyword: T
6/30/1994 6/30/1994 6/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N

Description:
INITIATE OPERATIONAL TEST PROCEDURES FOR THE 242-A EVAPORATOR/PUREX PLANT CONDENSATE TREATMENT FACILITY USING STIMULANTS AND/OR ACTUAL LERF-STORED WASTES, WITH RECYCLE TO THE LERF BASINS.

Milestone No.: _____ Milestone Seq: 2300-00-0390 TPA MS NO.: NONE
Title: SUBMIT 200-W POWERHOUSE ASH WASTEWATER STATE WASTE DISCHRG PERMIT
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1994 6/30/1994 6/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: WAC 173-216 CONSENT DE91NM-177
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N

Description:
SUBMIT THE 200-W POWERHOUSE ASH WASTEWATER STATE WASTE DISCHARGE PERMIT (216 PERMIT) APPLICATION TO ECOLOGY FOR APPROVAL.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 2300-00-0400 TPA MS NO.: NONE
Title: SUBMIT 200-E POWERHOUSE ASH WASTEWATER STATE WASTE DISCHRG PERMIT
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1994 6/30/1994 6/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: WAC 173-216 CONSENT DE91NM-177
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
SUBMIT THE 200-E POWERHOUSE ASH WASTEWATER STATE WASTE DISCHARGE PERMIT (216 PERMIT)
APPLICATION TO ECOLOGY FOR APPROVAL.

Milestone No.: Milestone Seq: 2300-00-0410 TPA MS NO.: NONE
Title: SUBMIT 300 AREA POWERHOUSE ASH WASTEWATER STATE WASTE DIS PERMIT
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1994 6/30/1994 6/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: WAC 173-216 CONSENT DE91NM-177
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
SUBMIT THE 300 AREA POWERHOUSE ASH WASTEWATER STATE WASTE DISCHARGE PERMIT (216
PERMIT) APPLICATION TO ECOLOGY FOR APPROVAL.

Milestone No.: Milestone Seq: 2300-00-0420 TPA MS NO.: NONE
Title: SUBMIT 100-N SANITARY SEWER SYSTEM STATE WASTE DISCHARGE PERMIT
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1994 6/30/1994 6/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: WAC 173-216 CONSENT DE91NM-177
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
SUBMIT THE 100-N SANITARY SEWER SYSTEM STATE WASTE DISCHARGE PERMIT (216 PERMIT)
APPLICATION TO ECOLOGY FOR APPROVAL.

Milestone No.: Milestone Seq: 2300-00-0430 TPA MS NO.: NONE
Title: SUBMIT 300 AREA FILTER BACKWASH STATE WASTE DISCHARGE PERMIT
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1994 6/30/1994 6/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: WAC 173-216 CONSENT DE91NM-177
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
SUBMIT THE 300 AREA FILTER BACKWASH STATE WASTE DISCHARGE PERMIT (216 PERMIT)
APPLICATION TO ECOLOGY FOR APPROVAL.

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Milestone No.: Milestone Seq: 2300-00-0440 TPA MS NO.: NONE
Title: SUBMIT 300 AREA SANITARY SEWER SYSTEM STATE WASTE DISCHRG PERMIT
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1994 6/30/1994 6/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: WAC 173-216 CONSENT DE91NM-177
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
SUBMIT THE 300 AREA SANITARY SEWER SYSTEM STATE WASTE DISCHARGE PERMIT (216 PERMIT)
APPLICATION TO ECOLOGY FOR APPROVAL.

Milestone No.: Milestone Seq: 2300-00-0460 TPA MS NO.: NONE
Title: CEASE DISCHARGE 183-D FILTER EFFLUENT
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1994 6/30/1994 6/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: WAC 173-216 CONSENT DE91NM-177
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
CEASE DISCHARGE OF 183-D FILTER EFFLUENT.

Milestone No.: Milestone Seq: 2300-00-0490 TPA MS NO.: NONE
Title: SUBMIT 209-E BLDG STEAM CONDENSATE STATE WASTE DISCHARGE PERMIT
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1994 6/30/1994 6/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: WAC 173-216 CONSENT DE91NM-177
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
SUBMIT THE 209-3 BUILDING STEAM CONDENSATE STATE WASTE DISCHARGE PERMIT (216 PERMIT)
APPLICATION TO ECOLOGY FOR APPROVAL.

Milestone No.: Milestone Seq: 2300-00-0500 TPA MS NO.: NONE
Title: SUBMIT 400 AREA SANITARY WASTEWATER STATE WASTE DISCHARGE PERMIT
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1994 6/30/1994 6/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: WAC 173-216 CONSENT DE91NM-177
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
SUBMIT THE 400 AREA SANITARY WASTEWATER STATE WASTE DISCHARGE PERMIT (216 PERMIT)
APPLICATION TO ECOLOGY FOR APPROVAL.

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Milestone No.: Milestone Seq: 2300-00-0510 TPA MS NO.: NONE
Title: SUBMIT 272-E, 2703-E BUILDINGS WASTEWATER WASTE DISCHARGE PERMIT
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1994 6/30/1994 6/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: WAC 173-216 CONSENT DE91NM-177
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
SUBMIT THE 272-E, 2703-E BUILDINGS WASTEWATER STATE WASTE DISCHARGE PERMIT (216 PERMIT) APPLICATION TO ECOLOGY FOR APPROVAL.

Milestone No.: Milestone Seq: 2300-00-0030 TPA MS NO.: M-26-05
Title: TRITIUM REMOVAL TECHNOLOGY DEVELOPMENT STATUS
Planning Date Target Date Decrement Date Level: FO Keyword: D
8/31/1994 8/31/1994 8/31/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-26-05)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
SUBMIT EACH AUGUST TO EPA AND ECOLOGY AN EVALUATION OF DEVELOPMENT STATUS OF TRITIUM TREATMENT TECHNOLOGY THAT WOULD BE PERTINENT TO THE CLEANUP AND MANAGEMENT TO TRITIATED WASTE WATER AND TRITIUM CONTAMINATED GROUNDWATER AT THE HANFORD SITE.

Milestone No.: Milestone Seq: 2300-00-0340 TPA MS NO.: NONE
Title: SUBMIT 200 TEDF STATE WASTE DISCHARGE PERMIT
Planning Date Target Date Decrement Date Level: FO Keyword: D
9/30/1994 9/30/1994 9/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: WAC 173-216 CONSENT DE91NM-177
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
SUBMIT THE PROJECT W-049H 200 AREA TREATED EFFLUENT DISPOSAL FACILITY STATE WASTE DISCHARGE PERMIT (216 PERMIT) APPLICATION TO ECOLOGY FOR APPROVAL.

Milestone No.: Milestone Seq: 2300-00-0450 TPA MS NO.: NONE
Title: SUBMIT 234-5Z VENTILATION STATE WASTE DISCHARGE PERMIT
Planning Date Target Date Decrement Date Level: FO Keyword: D
9/30/1994 9/30/1994 9/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: WAC 173-216 CONSENT DE91NM-177
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
SUBMIT THE 234-5Z VENTILATION STEAM CONDENSATE/DRY AIR COMPRESSOR COOLING WATER STATE WASTE DISCHARGE PERMIT (216 PERMIT) APPLICATION TO ECOLOGY FOR APPROVAL.

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Milestone No.: Milestone Seq: 2300-00-0035 TPA MS NO.: M-26-03
Title: CEASE DISCHARGE 242-A EVAP PROCESS CONDENSATE TO LERF BASINS
Planning Date Target Date Decrement Date Level: FO Keyword: S
12/31/1994 12/31/1994 12/31/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-26-03)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
CEASE DISCHARGE OF 242-A EVAPORATOR PROCESS CONDENSATE EFFLUENT TO THE LERF UNITS.

Milestone No.: Milestone Seq: 2300-00-0070 TPA MS NO.: M-17-09
Title: OPERATE 300 AREA TREATED EFFLUENT DISPOSAL FACILITY
Planning Date Target Date Decrement Date Level: FO Keyword: D
12/31/1994 12/31/1994 12/31/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
INITIATE FULL SCALE HOT OPERATIONS OF 300 AREA TREATED EFFLUENT DISPOSAL FACILITY
WITH PERMITTED DISPOSAL OF TREATED EFFLUENT TO SURFACE WATER.

Milestone No.: Milestone Seq: 2300-00-0185 TPA MS NO.: M-17-34
Title: CEASE ALL DISCHARGES TO THE 216-W-LWC CRIB
Planning Date Target Date Decrement Date Level: FO Keyword: D
1/31/1995 1/31/1995 1/31/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
CEASE ALL DISCHARGES TO THE 216-W-LWC CRIB.

Milestone No.: Milestone Seq: 2300-00-0005 TPA MS NO.: M-17-00A
Title: COMPLETE LIQ EFFL TRTMNT FAC/UPGRD PHASE I STREAMS
Planning Date Target Date Decrement Date Level: FO Keyword: T
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
HANFORD CURRENTLY HAS 19 PHASE I LIQUID EFFLUENT STREAMS BEING DISCHARGED TO
CRIBS, PONDS, OR DITCHES. SOME OF THESE STREAMS ARE RCRA WASTE DISPOSAL UNITS & SOME
ARE LOCATED IN AREAS REQUIRING INVESTIGATIONS/REMEDIAL ACTIONS.

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Milestone No.: Milestone Seq: 2300-00-0010 TPA MS NO.: M-17-23
Title: CEASE PUREX PLANT COOLING WATER DISCHARGE TO 216-B-3 POND
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17-23)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
CEASE PUREX PLANT COOLING WATER DISCHARGE TO 216-B-3 POND SYSTEM.

Milestone No.: Milestone Seq: 2300-00-0015 TPA MS NO.: M-17-04
Title: CEASE B PLANT CHEMICAL SEWER DISCHARGE
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
CEASE DISCHARGE OF THE B PLANT CHEMICAL SEWER TO THE 216-B-3 POND SYSTEM.

Milestone No.: Milestone Seq: 2300-00-0020 TPA MS NO.: M-17-16
Title: CEASE ALL DISCHARGES TO THE 216-Z-20 CRIB
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17-16)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
CEASE ALL DISCHARGES TO THE 216-Z-20 CRIB (REASSIGNED FROM M-17-11F)

Milestone No.: Milestone Seq: 2300-00-0025 TPA MS NO.: M-17-18
Title: CEASE DISCHARGE OF 242-S EVAP STEAM CONDENSATE TO 216-U-14 DITCH
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17-18)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
CEASE DISCHARGE OF THE 242-S EVAPORATOR STEAM CONDENSATE TO THE 216-U-14 DITCH

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Milestone No.: Milestone Seq: 2300-00-0040 TPA MS NO.: M-26-04
Title: REMOVE ALL HAZARDOUS WASTE RESIDUES FROM LERF UNITS
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-26-04)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
REMOVE ALL HAZARDOUS WASTE RESIDUES FROM THE 242-A EVAPORATOR LERF UNITS.

Milestone No.: Milestone Seq: 2300-00-0055 TPA MS NO.: M-17-08
Title: OPERATE 200A TREATED EFFLUENT DISPOSAL FACILITY
Planning Date Target Date Decrement Date Level: FO Keyword: T
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17-08)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
INITIATE FULL SCALE HOT OPERATIONS FOR 200 AREA TREATED EFFLUENT DISPOSAL FACILITY WITH PERMITTED DISPOSAL OF EFFLUENT TO EITHER THE SOIL COLUMN OR SURFACE WATER.

Milestone No.: Milestone Seq: 2300-00-0065 TPA MS NO.: M-17-08B
Title: IMPLEMENT BAT/AKART - 200 TEDF STREAMS
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
IMPLEMENT BEST AVAILABLE TECHNOLOGY/ALL KNOWN, AVAILABLE, AND REASONABLE METHODS OF PREVENTION, CONTROL, AND TREATMENT AT THE GENERATING FACILITIES WHICH WILL DISCHARGE TO 200 AREA TREATED EFFLUENT DISPOSAL FACILITY.

Milestone No.: Milestone Seq: 2300-00-0080 TPA MS NO.: M-17-10
Title: CEASE DISCHARGE TO HAZARDOUS WASTE LAND DISPOSAL UNITS
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1995 6/30/1995 6/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
CEASE ALL LIQUID DISCHARGES TO HAZARDOUS WASTE LAND DISPOSAL UNITS UNLESS SUCH UNITS HAVE BEEN CLEAN CLOSED IN ACCORDANCE WITH RCRA.

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Milestone No.: Milestone Seq: 2300-00-0090 TPA MS NO.: M-17-14
Title: INITIATE OPERATIONS - EFFLUENT TREATMENT FACILITY
Planning Date Target Date Decrement Date Level: FO Keyword: T
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
INITIATE FULL SCALE HOT OPERATIONS OF 242-A EVAPORATOR/PUREX PLANT CONDENSATE
TREATMENT FACILITY, WITH PERMITTED DISCHARGE OF TREATED EFFLUENT TO THE SOIL COLUMN.

Milestone No.: Milestone Seq: 2300-00-0115 TPA MS NO.: M-17-17
Title: CEASE DISCHARGE OF UO3/U PLANT WASTEWATER TO THE 216-U-14 DITCH
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
CEASE DISCHARGE OF THE UO3/U PLANT WASTEWATER TO THE 216-U-14 DITCH.

Milestone No.: Milestone Seq: 2300-00-0120 TPA MS NO.: M-17-18
Title: CEASE DISCHRG 242-S EVAP STEAM CONDENSATE TO 216-U-14 DITCH
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
CEASE DISCHARGE OF THE 242-S EVAPORATOR STEAM CONDENSATE TO THE 216-U-14 DITCH.

Milestone No.: Milestone Seq: 2300-00-0125 TPA MS NO.: M-17-19
Title: CEASE DISCHARGE TO THE 216-U-17-CRIB
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
CEASE DISCHARGE TO THE 216-U-17 CRIB.

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Milestone No.: Milestone Seq: 2300-00-0130 TPA MS NO.: M-17-20
Title: IMPLEMENT BAT/AKART FOR THE PUREX PLANT PROCESS CONDENSATE
Planning Date Target Date Decrement Date Level: FO Keyword: T
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
IMPLEMENT BAT/AKART FOR THE PUREX PLANT PROCESS CONDENSATE.

Milestone No.: Milestone Seq: 2300-00-0135 TPA MS NO.: M-17-21
Title: IMPLEMENT BAT/AKART FOR THE PUREX PLANT AMMONIA SCRUBBER CONDENSATE.
Planning Date Target Date Decrement Date Level: FO Keyword: T
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
IMPLEMENT BAT/AKART FOR THE PUREX PLANT AMMONIA SCRUBBER CONDENSATE.

Milestone No.: Milestone Seq: 2300-00-0140 TPA MS NO.: M-17-22
Title: CEASE PUREX PLANT STEAM CONDENSATE TO THE 216-B-3 POND
Planning Date Target Date Decrement Date Level: FO Keyword: T
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
CEASE DISCHARGE OF THE PUREX PLANT STEAM CONDENSATE TO THE 216-B-3 POND SYSTEM.

Milestone No.: Milestone Seq: 2300-00-0150 TPA MS NO.: M-17-24
Title: CEASE DISCHARGE OF PUREX CHEMICAL SEWER TO THE 216-B-3 POND
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
CEASE DISCHARGE OF THE PUREX PLANT CHEMICAL SEWER TO THE 216-B-3 POND SYSTEM.

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Milestone No.: Milestone Seq: 2300-00-0160 TPA MS NO.: M-17-29
Title: IMPLEMENT BAT/AKART FOR 242-A EVAPORATOR PROCESS CONDENSATE
Planning Date Target Date Decrement Date Level: FO Keyword: T
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
IMPLEMENT BAT/AKART FOR THE 242-A EVAPORATOR PROCESS CONDENSATE.

Milestone No.: Milestone Seq: 2300-00-0210 TPA MS NO.: M-17-38
Title: CEASE ALL DISCHARGES TO THE 284-W POWERPLANT POND
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
CEASE ALL DISCHARGES TO THE 284-W POWERPLANT POND.

Milestone No.: Milestone Seq: 2300-00-0220 TPA MS NO.: M-17-39
Title: CEASE ALL DISCHARGES TO THE 216-S-26 CRIB
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
CEASE ALL DISCHARGES TO THE 216-S-26 CRIB.

Milestone No.: Milestone Seq: 2300-00-0235 TPA MS NO.: M-17-41
Title: CEASE ALL DISCHARGE TO THE 216-T-4-2 DITCH
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
CEASE ALL DISCHARGE TO THE 216-T-4-2 DITCH.

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Milestone No.: Milestone Seq: 2300-00-0245 TPA MS NO.: M-17-42
Title: CEASE ALL DISCHARGES TO THE 216-T-1 DITCH
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
CEASE ALL DISCHARGE TO THE 216-T-1 DITCH.

Milestone No.: Milestone Seq: 2300-00-0255 TPA MS NO.: M-17-43
Title: CEASE ALL DISCHARGES TO THE 2101-M POND
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
CEASE ALL DISCHARGES TO THE 2101-M POND.

Milestone No.: Milestone Seq: 2300-00-0495 TPA MS NO.: NONE
Title: B PLANT CHEMICAL SEWER APPROVED PRETREATMENT PERMIT
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: WAC 173-216 CONSENT DE91NM-177
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
FOR THE B PLANT CHEMICAL SEWER ELEMENTARY NEUTRALIZATION UNIT, ACHIEVE COMPLIANCE WITH THE APPLICABLE PROVISIONS OF WAC 173-216, NPDES, OR AN APPROVED PRETREATMENT PERMIT PROGRAM.

Milestone No.: Milestone Seq: 2300-00-0505 TPA MS NO.: NONE
Title: SUBMIT PUREX PLANT CHEMICAL SEWER APPROVED PRETREATMENT PERMIT
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: WAC 173-216 CONSENT DE91NM-177
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
FOR THE PUREX PLANT CHEMICAL SEWER ELEMENTARY NEUTRALIZATION UNIT, ACHIEVE COMPLIANCE WITH THE APPLICABLE PROVISIONS OF WAC 173-216, NPDES, OR AN APPROVED PRETREATMENT PERMIT PROGRAM.

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Milestone No.: Milestone Seq: 2300-00-0515 TPA MS NO.: NONE
Title: ACHIEVE COMPLIANCE UO3 PLT PROC CONDENSATE APPROVED TRTMT PERMIT
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: WAC 173-216 CONSENT DE91NM-177
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N

Description:

FOR THE UO3 PLANT PROCESS CONDENSATE ELEMENTARY NEUTRALIZATION UNIT, ACHIEVE COMPLIANCE WITH THE APPLICABLE PROVISIONS OF WAC 173-216, NPDES, OR AN APPROVED PRETREATMENT PERMIT PROGRAM.

Milestone No.: Milestone Seq: 2300-00-0520 TPA MS NO.: NONE
Title: ACHIEVE COMPLIANCE 222-S LAB WASTEWATER APPRVD PRETRTMT PERMIT
Planning Date Target Date Decrement Date Level: FO Keyword: D
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: WAC 173-216 CONSENT DE91NM-177
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N

Description:

FOR THE 222-S LABORATORY WASTEWATER ELEMENTARY NEUTRALIZATION UNIT, ACHIEVE COMPLIANCE WITH THE APPLICABLE PROVISIONS OF WAC 173-216, NPDES, OR AN APPROVED PRETREATMENT PERMIT PROGRAM.

~~NARRATIVE~~

LAST UPDATE: 04-22-1994 TIME: 16:35:33

Technical Scope Summary(Limit 15 line or less):

The mission of the workscope supported by this ADS is to eliminate the use of the soil column at the Hanford Site for liquid effluent treatment and to manage current and future liquid effluent streams in a safe, responsible, cost effective and legally compliant manner. This is achieved through planning and integration, public and stakeholder interaction, definition of requirements for generators and provision of timely treatment, storage, disposal capability, and waste minimization of waste streams where applicable. ADS 2300-0 supports the startup and operation the 200 Area Effluent Treatment Facility (ETF), LERF, 200 and 300 Area's Treated Effluent Disposal Facilities (TEDF), Interim Compliance and Miscellaneous Stream activities. ADS 2300-1 follows in FY 1995 to support the Phase II Stream Line Item W-252, BAT/AKART Implementation. ADS 2330-0 supports Liquid Effluents Future Projects 340 Facility Secondary Containment and BAT/AKART Implementation of Miscellaneous Streams.

Technical Scope Detail(Limit 104 lines or less):

This Activity Data Sheet is comprised of five sub-activities:

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SUB-ACTIVITY AA - PROGRAM MANAGEMENT - Provides the following:

Program Management provides overall coordination, direction and customer interface for the activities in the Liquid Effluents Program. Administrative support is provided for program documentation, funds management, budget, cost and scheduling, and reporting. In FY 1994 this sub-activity includes WSCF Laboratory Support providing on-site waste sample analysis and reporting services for the 200 Area Effluent Treatment Facility (ETF). In FY 1994 and FY 1995 this sub-activity includes Liquid Effluent Retention Facility (LERF) operations providing interim storage for 242-A Evaporator process condensate pending operation of the ETF, and Interim Compliance activities to fulfill the Consent Order DE-91NM-177 requirements for permitting discharges under Washington Administrative Code (WAC) 173-216; assess potential impacts to the groundwater from continued interim discharge and implementation of DOE and Regulator approved Sampling and Analysis Plans. Beginning in FY 1995, WSCF and in FY 1996, LERF Support is included in sub-activity AB. Interim Compliance activities are complete in FY 1995.

SUB-ACTIVITY AB - 200 AREA LIQUID EFFLUENT FACILITIES OPERATIONS - Provides the following:

The 200 Area Liquid Effluent Facilities Operations sub-activity provides safe, cost effective and environmentally sound design review, construction review, readiness review, startup testing, and continued operations of all 200 Area effluent treatment facilities. The scope of this effort currently includes: (1) Project C-018H, 200 Area Effluent Treatment Facility; (2) Project W-049H, 200 Area Treated Effluent Disposal Facility (TEDF); (3) Project W-291H, 200 Area BAT/AKART Implementation.

SUB-ACTIVITY AC - 300 AREA TEDF OPERATIONS - Provides the following:

The 300 Area TEDF Operations activity provides safe, cost effective, and environmentally sound design, construction and readiness reviews, startup testing and continued operations of all 300 Area effluent treatment facilities. The scope of this effort currently includes: (1) Project L-045H, 300 Area TEDF; and (2) the upgrades and operations of the 340/307 Facilities.

SUB-ACTIVITY AD - SYSTEMS ENGINEERING - Provides the following:

The Systems Engineering activity assists in development of long-range plans, performs engineering evaluations, investigates new feeds to treatment plants, and integrates future liquid effluent projects into the existing liquid effluent treatment facilities and infrastructures. This scope currently includes Phase II Stream BAT/AKART (Project W-252), Miscellaneous Streams, system engineering support to the 200 and 300 Area treatment facilities, and oversight/ utilization of the Treatability

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Laboratory located at the 1706E Facility.

SUB-ACTIVITY AE - PRODUCTIVITY COMMITMENT -

In an effort to enhance cost efficiencies, this ADS reflects a productivity commitment which achieves the same workscope at a lower unit rate, or the application of more efficient processes, or through cost avoidance.

Productivity Commitments are: \$3,521K (FY95), \$4,246K (FY96), \$6,936K (FY97), \$11,668K (FY98), \$3,866K (FY99), and \$3,360K (FY00).

Pollution Prevention and Waste Minimization: Completion and operation of the facilities supported by the funding provided in the Activity Data Sheet implements BAT/AKART which supports the intent of pollution prevention and waste minimization and significantly reduces the environmental pollution caused by continued operation of the plants whose effluent streams are being treated by these facilities. The treatment facilities will produce some secondary waste. Operations will be conducted in accordance with all applicable regulations to assure pollution is kept to the lowest practical levels. Candidate projects are included in this activity data sheet to further waste minimization activities and limit pollution caused by operating the Liquid Effluent Treatment Facilities.

Act. Comp. to Date/Current Year (FY 1994) Desc. (Limit 52 lines or less):

300 Area Facilities - Permit and lease applications have been prepared and submitted to the regulators. A draft NPDES Permit has been received from the EPA. The outfall construction has been completed on the Columbia River. Operations and maintenance procedures are drafted with completion expected with completion of construction in FY 1994. Hiring and training of staff will continue throughout FY 1994. The 340 Facility continued collection and shipment of RLWS wastewaters to support the 90-day clock regulatory requirements and generator volumes. Training and operating procedures upgrades will be completed in FY 1994. In addition, an engineering study to determine the correct resolution of outstanding regulatory issues will be performed as will integrity assessment work to determine the structural integrity of the 340 tanks.

200 Area Facilities - The Delisting Petition was submitted to EPA and the RCRA Part B Permit application was completed. Construction of the ETF and 200 Area TEDF is progressing towards completion by the end of FY 1994. Operating staff hiring and training is progressing with full staff scheduled to be in place by November 1994. LERF Basins ready to support the re-start of the 242-A Evaporator. Interim Compliance activities include the completion of Sampling and Analysis Plans for 200 Area waste streams and implementation of those plans by collecting and analyzing samples for the Phase I and Phase II effluent streams in FY 1994. In FY 1994, the Liquid Effluent Information System (LEMIS) computer code will be completed.

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The Plan and Schedule for Disposal and Regulatory Compliance of Miscellaneous Streams was submitted to Ecology in January 1994 as required by the Consent Order. This plan addresses the remaining liquid effluent streams on the Hanford Site.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's is \$9,066K, resulting in a new total of \$37,087. These adjustments may require a FY 1995 budget amendment.

Target Case Funding: \$37,087

\$1,459K - Program Management

\$4,901K - Supports the 340/307 Facility operation, training upgrades, Part B Permit preparation, tank integrity assessment compliance, Conduct of Operations, initiates safety documentation and environmental monitoring and supports 24 hour operation of the facilities.

\$8,176K - Provides readiness reviews, startup testing, systems engineering and continued operations for 300 Area facilities.

\$131K - Evaluates tritium removal technology and prepares yearly status report as required by TPA M-26-05 milestone.

\$577K - Supports Groundwater Impact Assessments to allow interim discharges to T ditches and B Pond to continue. Maintains LEMIS system required by TPA Milestone M-35 as a database available to regulators.

\$23,025K - 200 Area Effluent Treatment facilities operations. Completes the readiness review activities for the 200 Area ETF, 200 Area TEDF, and BAT/AKART Implementation.

\$1,388K - Implements the Plan and Schedule for Disposal and Regulatory Compliance of Miscellaneous Streams submitted to Ecology in January 1994 as required by the Consent Order. Tasks include development of Best Management Practice, Injection well registrations, and WAC 173-216 permit submittals.

\$951K - Supports investigation and acceptance of potential new feeds into 200 Area ETF or TEDF for treatment and disposal. The ETF was designed to treat a wide range of dilute waste water streams. To allow the treatment of streams other than the 242-A process condensate, several complex regulatory and treatment train processing issue must be satisfied. Tasks include: Enhance ETF Complex Flexibility; Waste Water Feed Logic; ETF Utilization/Process Engineering Interface; and, Treatability Lab testing.

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\$(3,521K) - Productivity Commitment

Planning Case Funding: \$831 incremental

\$496K - Contingent funding for additional treatability testing in support of the 200 Area ETF operational enhancements.

\$335K - 300 Area TEDF Office Facility engineering/procurement for office space in the 300 Area TEDF.

Planning Year (FY 1996) Description(Limit 156 lines or less):

Decrement Case Funding: \$38,068K

\$1,501K - Provides the planning, budgeting, statusing, performance monitoring, customer interface, and program direction for the Liquid Effluents Programs. IMPACT: TPA M-17 and Consent Order DE-91NM-177 Milestones missed and TPA Article XLVIII, Paragraphs 138/139 Cost, Schedule, and Scope Planning and Reporting not supported.

\$11,569K - Provides compliant operations of 300 Area TEDF, 340 Facility and 307 Basins. Includes System Engineering study on secondary waste minimization (\$209K). IMPACT: Failure to operate would cause closure of 300 Area facilities, including labs and delay TWRS TPA milestones associated with core sampling analysis and tank safety investigations.

\$135K - Evaluates tritium removal technology and prepares yearly status report. IMPACT: TPA M-26-05 milestone would be missed.

\$28,982K - Provides for LERF, ETF, and 200 Area TEDF operations. Includes full WSCF Lab support for effluent sampling. IMPACT: TPA M-26 milestones are missed and 242-A Evaporator is shutdown which impacts numerous TWRS milestones.

\$(4,119K) - Productivity Commitment

Target Case Funding: \$664 incremental

\$464K - Continues implementation of the Plan and Schedule for Disposal and Regulatory Compliance of Miscellaneous Streams. Tasks include implementation of Best Management Practices and WAC 173-216 permit submittals. IMPACT: Consent Order DE 91-NM-177 milestones would be delayed. Potential to result in fines and cease discharge orders for these streams impacting PUREX, Tank Farms, UO3, 222S, and Steam distribution systems.

\$200K - Supports the investigation and acceptance of potential new feeds into 200 Area ETF or TEDF for treatment and disposal. IMPACTS: Potential for TPA M-13, 'Ground Pump & Treat' and M-34, 'K-Basin Cleanout' milestones

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to be delayed if logic defines ETF as appropriate treatment facility.
\$(127K) - Productivity Commitment

Planning Case Funding: \$K3,255K incremental

\$1,211K - Provides contingent funding for additional treatability testing
in support of the 200 Area ETF operational enhancements.

\$2,044K - Provides for permanent office facility for 300 Area TEDF
operations. No office space available in treatment building.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

In the outyears, Target case funding levels continue to support the
operation of the 200 and 300 Area Liquid Effluent Treatment Facilities,
tritium removal technology status reporting and basic application of a
systems engineering approach to waste disposal. At the Planning case
level, contingent funding for additional new feed evaluations and
treatability testing and process verification is provided.

Impacts/Assumptions(Limit 42 lines or less):

There are no major impacts to the program at the target funding level. All
Tri-Party Agreement and Consent Order milestones are supported at this
level.

FY 1995 Major Assumptions:

Required permits (216, Delisting, RCRA Part B and NPDES) will be provided
by regulators to meet startup dates for treatment facilities.

BAT/AKART treatment as designed will meet discharge levels defined in
permits.

Operational Readiness Review levels/activities as negotiated with RL are
appropriate and will be completed to meet startup dates for treatment
facilities.

Miscellaneous Stream Plan and Schedule will be approved by regulators to
allow initiation of activities.

FY 1996 Major Assumptions:

242-A Evaporator will operate and provide feed to ETF

LERF Cleanout in support of TPA M-26-04 milestone will be a simple rinse
out of the basins with rinse water being processed at ETF

Project L-070, '300 Area Process Sewer Upgrades', in support of TPA M-17-

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06J/06K milestones will be funded.

Supporting Documents(Limit 5 lines or less):

Tri-Party Agreement Milestones M-10, M-17, M-26, M-32, M-35
RCRA, Clean Water Act, Clean Air Act, NPDES, WAC 173-216
WAC 173-216 Consent Order DE-91NM-177

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government
Performance Review and Results Act and the National Performance Review were
submitted under separate cover.

~~DESCRIPTION OF REGULATORY DRIVERS~~

CAA:

National Emissions Standards for Hazardous Air Pollutants (NESHAP) Permit
40 CFR 61.01, Subpart H.; Prevention of Significant Deterioration (PSD)
EPA 40 CFR 52.;Radiation Protection-Air Emissions (RAEP) Permit; TAPs
Standards, WAC 173-460

CWA:

National Pollutant Discharge Elimination System (NPDES) Permit, EPA
Regulations; State Waste Discharge Permit (SWDP), WAC 173-216. WAC 216
Permit supported by detailed engineering report dictated by WAC 173-240.

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DESCRIPTION OF REGULATORY DRIVERS Continued

DOE:

Numerous orders govern financial and budget management, planning, conduct of operations, maintenance, personnel training, industrial and radiological safety, environmental protection, facility design, and require compliance with state and federal laws.

NEPA_R:

NEPA requirements for Liquid Effluent Treatment Program addressed in Hanford Environmental Compliance Environmental Assessment (HEC-EA).

RCRA:

Implemented under WAC 173-303. RCRA requires Part A and Part B permits for all TSD facilities. Hanford granted "interim status", must comply with WAC 173-303-805 requirements until such time that "final" status is achieved.

ST:

Consent Order #DE 91NM-177. Etab regulatory mlstones incl WAC 173-240-130 Eng Rpts (Incl BAT/AKART Eval), 30&80% design rpts iaw WAC 173-240-140, WAC 173-216/303 Permits, Samp/Analysis Plans, Constr Schedules, and interim operating restrictions.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

TRI:

M-17-00A - Complete Liquid Effluent Treatment Facilities/Upgrades for All Phase I Streams; M-17-00B - Complete Implementation of BAT/AKART For All Phase II Streams. Twenty nine M-17 milestones remain to be completed.

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DESCRIPTION OF REGULATORY DRIVERS CONTINUED

Phase II streams. Twenty four M-13 milestones remain to be completed.
Phase I streams: M-13-008 - Complete implementation of BAT/CAAT for All
M-13-00A - Complete Liquid Effluent Treatment Facilities/Upgrades for All

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Operations Office: RL ID No.: 2300- 1 Revision Date: 4/22/1994
 ADS Title: W-252, PHASE II EFFLUENT TREATMENT & DISPOSAL
 WBS No.: 1.3.7.3.4 Category: WM Appr.:
 Project Title: LIQUID EFFLUENTS Facility/WAG: 200 Areas
 Installation: HANFORD-200 CID: RL10930 %OVHD: 18
 For Line Item Project: 95-D-408 TPC: 40300 TEC: 30500
 Contig: 6700
 CNTR Manager: DILIBERTO, AJ Phone: 509-372-3323
 O.O. Manager: BRYSON, DC Phone: 509-372-0738
 H.Q. Manager: CHOU, G Phone: 301-903-7159
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: TRU: TRU MIX: LLW: MLLW: 8 HAZ: SANT: 92 SNF:

REGULATORY DRIVERS

CAA: N CWA: Y SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
 DOE: Y IAG: N OSHA: N ORD: N ST : Y TRI : Y FED : N FFCA:
 OTHER 1: OTHER 2: OTHER 3:

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR	DECREMENT	FY96 DRIVER CATEGORY		IMM RISK	
					TARGET	PLAN		
OE	5,806	733		A 12,644	20,502	20,502	0	
CE	0	0		B 0	0	0	0	
GPP	0	0		C 0	0	0	0	
LI	0	6,600		D 0	0	0	0	
				E 0	0	0	0	
TOTAL	5,806	7,333		F 0	0	0	0	
				G 0	0	0	0	
				H 0	0	0	0	
				I 0	0	0	0	
				TOTAL	12,644	20,502	20,502	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	742
CE	0
GPP	0
LI	11,902
TOTAL	12,644

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	742	1,269	91	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	19,760	3,040	0	0	0
TOTAL	20,502	4,309	91	0	0

FTEs	FY94	FY95			
Direct	0	7			
Indirect	0	5			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	7	12	1	0	0
Indirect	5	9	1	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	742	1,269	91	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	19,760	3,040	0	0	0
TOTAL	20,502	4,309	91	0	0

FTEs	FY94	FY95			
Direct	0	7			
Indirect	0	5			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	7	12	1	0	0
Indirect	5	9	1	0	0
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PHASE II LIQUID EFFLUENT TREATME									
APPROP: D									
					A	12,644	21,102	21,102	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130020	5,806	733			E	0	0	0	0
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	7,100			H	0	0	0	0
					I	0	0	0	0
TOTAL	5,806	7,833			TOTAL	12,644	21,102	21,102	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	742
35EW31302	0
39EW31302	0
39EW31302	11,902
TOTAL	12,644

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	742	1,269	91	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	20,360	3,040	0	0	0
TOTAL	21,102	4,309	91	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	742	1,269	91	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	20,360	3,040	0	0	0
TOTAL	21,102	4,309	91	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AB						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PRODUCTIVITY COMMITMENT									
APPROP: D									
					A	0	-600	-600	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130020	0	0			E	0	0	0	0
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	-500			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	-500			TOTAL	0	-600	-600	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	-600	0	0	0	0
TOTAL	-600	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	-600	0	0	0	0
TOTAL	-600	0	0	0	0

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A106 Cross References

A106 Number: _____ Date: _____
Title: _____
Federal Facility Identification: _____
Region: _____ Assessment: _____
Status: _____ Progress: _____

Tiger Team Cross References

Tiger Team Finding Number: _____ Date: _____
Title: _____

FY95-99 ADS Cross References

ADS #: RL
Title: _____
Transferred in its entirety: _____
Explanation of Change: _____

MILESTONES

Milestone No.: _____ Milestone Seq: 2300-01-0010 TPA MS NO.: _____
Title: INITIATE DEFINITIVE DESIGN PHASE II STREAM BAT/AKART PROJECT
Planning Date Target Date Decrement Date Level: FO Keyword: D
1/30/1995 1/30/1995 1/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
Issue a letter of instruction to the A&E contractor.

Milestone No.: _____ Milestone Seq: 2300-01-0015 TPA MS NO.: _____
Title: COMPLETE DEFINITIVE DESIGN PHASE II BAT/AKART IMPELMENTATION PROJ
Planning Date Target Date Decrement Date Level: FO Keyword: D
2/28/1996 2/28/1996 2/28/1996 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
Design media approved by Westinghouse Hanford Company

MILESTONES Continued

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Milestone No.: Milestone Seq: 2300-01-0020 TPA MS NO.:
Title: START CONSTRUCTION PHASE II BAT/AKART IMPLEMENTATION PROJECT
Planning Date Target Date Decrement Date Level: FO Keyword: D
5/30/1996 5/30/1996 5/30/1996 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
Award of contract to fixed price contractor.

Milestone No.: Milestone Seq: 2300-01-0025 TPA MS NO.:
Title: PHASE II BAT/AKART IMPLEMENTATION 216 PERMIT REVISION
Planning Date Target Date Decrement Date Level: FO Keyword: D
1/30/1997 1/30/1997 1/30/1997 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
Provide modified 200 Area TEDF 216 permit application to RL for transmittal to Ecology.

Milestone No.: Milestone Seq: 2300-01-0030 TPA MS NO.:
Title: COMPLETE CONSTRUCTION PHASE II BAT/AKART IMPLEMENTATION PROJECT
Planning Date Target Date Decrement Date Level: FO Keyword: D
8/30/1997 8/30/1997 8/30/1998 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
Complete construction; release of final phase of construction to start OTPs.

Milestone No.: Milestone Seq: 2300-01-0035 TPA MS NO.:
Title: COMPLETE PHASE II STREAM PROJECT OPERATIONAL READINESS EVALUATION
Planning Date Target Date Decrement Date Level: FO Keyword: D
10/30/1997 10/30/1997 10/30/1998 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
Complete signoff of readiness checklist items required for startup.

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Milestone No.: Milestone Seq: 2300-01-0040 TPA MS NO.:
Title: STARTUP PHASE II STREAMS
Planning Date Target Date Decrement Date Level: FO Keyword: D
10/30/1997 10/30/1997 10/30/1998 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
Comence discharge of Phase II streams into the 200 Area TEDF.

Milestone No.: Milestone Seq: 2300-01-0005 TPA MS NO.: M-17-00B
Title: IMPLEMENT BAT/AKART FOR ALL PHASE II LIQUID EFFLUENT STREAMS
Planning Date Target Date Decrement Date Level: FO Keyword: D
10/31/1997 10/31/1997 10/31/1998 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT (M-17-00B)
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
COMPLETE IMPLEMENTATION OF BEST AVAILABLE TECHNOLOGY/ALL KNOWN, AVAILABLE, AND REASONABLE METHODS OF PREVENTION, CONTROL, AND TREATMENT FOR ALL PHASE II LIQUID EFFLUENT STREAMS AT THE HANFORD SITE.

NARRATIVE

LAST UPDATE: 04-22-1994 TIME: 16:44:33

Technical Scope Summary(Limit 15 line or less):

This Activity Data Sheet supports the October 1997 implementation of Best Available Technology/All Known, Available, and Reasonable methods of prevention, control, and Treatment (BAT/AKART) for the 200 Areas Phase II Streams. This workscope is required by TPA Milestone M-17-00B. A FY 1995 Line Item, Project W-252, has been identified to provide the necessary construction activity to implement BAT/AKART for the following streams: 242-A Evaporator Cooling Water, the 242-A Evaporator Steam Condensate, the 241-A Tank Farm Cooling Water, the 244-AR Vault Cooling Water, the 284-E Powerplant Wastewater, and the B Plant Cooling Water.

Technical Scope Detail(Limit 104 lines or less):

The Phase II Liquid Effluent Program was established to implement Best Available Technology/All Known, Available, and Reasonable methods of prevention, control, and Treatment (BAT/AKART) for the remaining Phase II wastewater streams by October 1997. A FY 1995 Line Item, Project W-252, has been identified to provide BAT/AKART treatment and disposal for several wastewater streams in the 200 Area and one each in the 100 and 400 Areas.

NARRATIVE Continued

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The 200 Area Phase II effluent streams include the 242-A Evaporator Cooling Water, the 242-A Evaporator Steam Condensate, the 241-A Tank Farm Cooling Water, the 244-AR Vault Cooling Water, the 284-E Powerplant Wastewater, and the B Plant Cooling Water. The 200 Area streams will be treated at the generators as determined necessary and will be collected for disposal. Please note that at this time the 241-AY/AZ Steam Condensate is discharging to the double-shell tanks and will therefore not be included in any further Phase II program efforts. Note also that the 400 Area Secondary Cooling Water already meets BAT/AKART and no additional work is required and the 183-D Water Treatment Facility discharge is being eliminated and is therefore no longer within the scope of the project.

The primary focus of the BAT/AKART Implementation project is to implement pollution prevention and waste minimization requirements. This will reduce the amount of environmental pollution from these Phase II streams and provide a vehicle for providing new facilities and existing facility modifications required by BAT/AKART. The project will also provide a 200 East Area Phase II Effluent Collection System for connection to a disposal system (presently planned to be the 200 Area TEDF) for relevant effluent streams to which BAT/AKART has been applied. The project is to be designed and constructed on a schedule capable of meeting the TPA Milestone M-17-00B October 1997 date.

Work covered under the project include activities such as: (1) the modification of HVAC equipment, (2) facility piping, pumping, and instrumentation upgrades, (3) treating filter backwash wastewater, (4) elimination of selected waste streams, (5) connection to the 200 Area Treated Effluent Disposal Facility (TEDF). (6) Installation of monitoring and control equipment in the 200 Area ETF control room.

In the Ecology Consent Order No. DE 91NM-177, DOE committed to prepare and submit WAC 173-216 State Waste Discharge permits for these streams on an interim basis until BAT/AKART is implemented where necessary.

The objective of the Phase II Liquid Effluent Program is to bring these wastewater streams into compliance with Section 304 of the Clean Water Act, which requires the application of BAT. Also, Washington Administrative Code requires the application of AKART to all wastewaters proposed for discharge in the State. In accordance with DOE Orders, waste minimization is a requirement of the project design.

All permits or modifications to permit requirements due to implementation of BAT/AKART for Phase II streams are covered under the scope of this ADS.

This Activity Data Sheet is comprised of two sub-activities:

SUB ACTIVITY AA - PHASE II LIQUID EFFLUENT TREATMENT AND DISPOSAL (PROJ.

~~NARRATIVE Continued~~

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W-252) - Provides the following:

The workscope describes above is supported by funding in this sub-activity. It includes Capital Line Item and Expense Support funding.

SUB-ACTIVITY AB - PRODUCTIVITY COMMITMENT

In an effort to enhance cost efficiencies, this ADS reflects a productivity commitment which achieves the same workscope at a lower unite rate, or the application of more efficient processes, or through cost avoidance. Productivity Commitments are: \$500K (FY95) and \$600K (FY96).

Act. Comp. to Date/Current Year (FY 1994) Desc. (Limit 52 lines or less):

The BAT/AKART Engineering Summary Report was submitted to Ecology and EPA in September 1992. The W-252 project is an 'accelerated project.' To meet the Tri-Party Agreement Milestone M-17-00B in October 1997, the Functional Design Criteria (January 1993), Conceptual Design Report (March 1993), Permitting Plan (April 1993), and Preliminary Safety Evaluation (January 1993) and Hazard Classification were completed in FY 1993. The project was validated May 1993, to allow the project to progress to the Advance Conceptual Design phase.

Completed NEPA documentation (Categorical Exclusion) in March 1993.

Completed Draft Interim Compliance 216 Permit State Waste Discharge Permit Application for Industrial Discharge to Land -- 200 East Area W-252 Streams in December 1993.

Conducted a Value Engineering Study in April 1994.

Completed SEPA Checklist by July 1994.

Advanced Conceptual Design conducted throughout FY 1994.

Budget Year (FY 1995) Description (Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's is \$(1,028K), resulting in a new total of \$7,333. These adjustments may require a FY 1995 budget amendment. Further, this project is currently undergoing revalidation and it is anticipated that the estimates will be reduced as a result of scope reduction. This ADS is based on the original validated estimates since revalidation has not been completed in time to support this submission.

Target Case Funding: \$7,333

~~NARRATIVE Continued~~

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\$733K - Continues project operating expense support to Phase II Stream BAT/AKART Implementation for Tank Farm, B-Plant, and 284-E Powerplant streams to meet the October 1997 milestone. IMPACT: TPA M-17-00B Milestone would be missed.

\$7,100K - Provides construction capital funding for the implementation of BAT/AKART for Phase II Streams.

\$(500K) - Productivity Commitment

The following activities are included in the Target Case funding level which is sufficient to meet the program milestones:

The Project Management Plan, Configuration Management Plan, and the Systems Engineering Management Plan are due October 1994.

Complete Advanced Conceptual Design by November 1994.

The security plan will be completed in December 1994.

Approval to start definitive design will be obtained in January 1995.

A procurement plan will be completed in March 1995.

Complete 30% Definitive Design by May 1995.

Planning Case Funding: No incremental funding above the Target level is required.

Planning Year (FY 1996) Description(Limit 156 lines or less):

Decrement Case Funding: \$12,443K

\$742K - Continues to provide the required operating expense funding required to support the completion of the line item to implement BAT/AKART for Phase II streams.

\$11,701K - This is partial line item funding which will allow the initiation of construction activities. There is potential for milestone slips at this funding level.

Target Case Funding: \$8,059K incremental

\$8,659K - Full line item funding to assure the scheduled completion of construction activities.

\$(600K) - Productivity Commitment

~~NARRATIVE Continued~~

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~~NARRATIVE Continued~~

Planning Case Funding: No incremental funding above the Target level is required.

This level of funding supports the following activities required to meet the program milestones:

Completion W-252 80% Definitive Design by December 1995.

The Definitive Design will be completed in February 1996.

Completion of W-252 Preliminary Safety Evaluation Report (PSAR) by February 1996.

Receive W-252 Key Decision #3 'Approval to Construct/Procure' by February 1996.

Early procurement will be completed in March 1996.

Start W-252 construction by May 1996.

Completion of W-252 Revision of 216 Permit by January 1997.

A preliminary safety equipment list will be completed in May 1996.

Work on the FSAR will begin in May 1996 with completion scheduled for April 1997.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

Completion of W-252 Final Safety Evaluation Report (FSAR) by April 1997.

Completion W-252 Construction by August 1997.

Complete W-252 ATP and OTP testing by October 1997.

Start-up W-252 facilities by October 1997.

Completion of W-252 Readiness Review by October 1997.

Receive W-252 Key Decision #4 'Project Complete' by October 1997.

The Phase II Treatment/Disposal Facility will be complete as required per TPA Milestone M-17-00B in October 1997.

Impacts/Assumptions(Limit 42 lines or less):

The Advanced Conceptual Design and remaining WAC 173-216 State Waste Discharge permits must be initiated in FY94 to support the TPA milestone.

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~~NARRATIVE Continued~~

The required State and Federal Permits will not impact the schedule. This includes the assumption that the regulatory agencies are adequately staffed and funded to review and approve the necessary permit applications.

Completion of the BAT/AKART implementation activities as scheduled is required to successfully meet Tri-Party Agreement Milestone #17-00B. Failure to meet this milestone could result in punitive third-party suits under the Clean Water Act, closure of facilities failing to implement BAT/AKART, and fines amounting to \$25,000 per day for non-compliance.

Supporting Documents(Limit 5 lines or less):

Tri-Party Agreement Milestones M-17-00B
RCRA, Clean Water Act, Clean Air Act, NEPA, WAC 173-216
WAC 173-216 Consent Order DE-91NM-177
WAC 173-240 - Engineering Documentation Requirements

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

~~DESCRIPTION OF REGULATORY DRIVERS~~

CWA:

State Waste Discharge Permit (SWDP), WAC 173-216. WAC 216 Permit supported by detailed engineering report dictated by WAC 173-240.

~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

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DESCRIPTION OF REGULATORY DRIVERS Continued

DOE:

Numerous orders govern financial and budget management, planning, conduct of operations, maintenance, personnel training, industrial and radiological safety, environmental protection, facility design, and require compliance with state and federal laws.

NEPA_R:

NEPA requirements for Liquid Effluent Treatment Program addressed in Hanford Environmental Compliance Environmental Assessment (HEC-EA). SEPA Checklist applicable. NEPA Categorical Exclusion required.

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ST:

Consent Order #DE 91NM-177. Etab regulatory mlstones incl WAC 173-240-130 Eng Rpts (incl BAT/AKART Eval), 30&80% design rpts iaw WAC 173-240-140, WAC 173-216/303 Permits, Samp/Analysis Plans, Constr Schedules, and interim operating restrictions.

TRI:

M-17-00A - Complete Liquid Effluent Treatment Facilities/Upgrades for All Phase I Streams; M-17-00B - Complete Implementation of BAT/AKART For All Phase II Streams. Twenty nine M-17 milestones remain to be completed.

DESCRIPTION OF REGULATORY DRIVERS Continued

DOE:
Numerous orders govern financial and budget management, planning, conduct of operations, maintenance, personnel training, industrial and radiological safety, environmental protection, facility design, and require compliance with state and federal laws.

NEPA R:
NEPA requirements for Liquid Effluent Treatment Program addressed in Hanford Environmental Compliance Assessment (HRC EA), EPA Checklist applicable. NEPA Categorical Exclusion required.

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ST:
Consent Order 40E 91WH-177. React regulatory measures that are not in the 40E Order (incl BAT/SMART Eval), SOERs design, and the 173-216/101 Permits, Samp/Analysis Plans, Consent Schedules, and associated operating restrictions.

TR1:
M-17-00A - Complete liquid effluent treatment facilities/updates for all Phase I streams; M-17-00B - Complete implementation of BAT/SMART for all Phase II streams. Twenty nine M-17 mistreats remain to be completed.

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Operations Office: RL ID No.: 2310- 1 Revision Date: 4/21/1994
 ADS Title: HANFORD ENVIRONMENTAL COMPLIANCE (HEC)
 WBS No.: 1.3.7.3.5 Category: WM Appr.:
 Project Title: HANFORD ENVIRONMENTAL CO Facility/WAG: HANFORD
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: 89-D-172 TPC: 254400 TEC: 214700
 Contig: 0
 CNTR Manager: BECKER, GB Phone: 509-372-3413
 O.O. Manager: HIEGEL, RM Phone: 509-376-1062
 H.Q. Manager: PATEL, S Phone: 301-903-7964
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: TRU: TRU MIX: LLW: 100 MLLW: HAZ: SANT: SNF:

REGULATORY DRIVERS

CAA: Y CWA: Y SDWA: RCRA: Y 3004U: TSCA: CERCLA: NEPA: Y
 DOE: Y IAG: OSHA: ORD: Y ST : Y TRI : Y FED : FFCA:
 OTHER 1: OTHER 2: OTHER 3:

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		FY96 DRIVER CATEGORY			
					DECREMENT	TARGET	PLAN	IMM RISK
OE	2,812	1,296		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	11,056	0		D	0	0	0	0
				E	0	0	0	0
TOTAL	13,868	1,296		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	0
CE	0
GPP	0
LI	0
TOTAL	0

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TARGET LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	0	0	0	0	0

FTEs		FY94	FY95			
Direct	0	7				
Indirect	0	5				
Federal	0	0				

FTEs					
	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	0	0	0	0	0

FTEs		FY94	FY95			
Direct	0	7				
Indirect	0	5				
Federal	0	0				

FTEs					
	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-007H, B-Plant Condensate Treat							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130020	79	90	E	0	0	0	0
35EW31302	0	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	79	90	TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AC				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: B-680H, PFP LIQUID LOW LEVEL WAS							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130020	53	0		E	0	0	0
35EW31302	0	0		F	0	0	0
39EW31302	0	0		G	0	0	0
39EW31302	0	0		H	0	0	0
				I	0	0	0
TOTAL	53	0		TOTAL	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AD						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: C-031H, PFP LIQUID EFFLUENT TREA									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130020	53	0			E	0	0	0	0
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	53	0			TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AF				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-041H, ENVIRONMENTAL HOT CELL E							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130020	53	0	E	0	0	0	0
35EW31302	0	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	53	0	TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AG				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: C-018H, 242-A EVAPORATOR/PUREX C							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130020	677	50	E	0	0	0	0
35EW31302	0	0	F	0	0	0	0
39EW31302	0	0	G	0	0	0	0
39EW31302	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	677	50	TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AH				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-049H, 200 AREA TREATED EFFLUEN							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
				D	0	0	0
EW3130020	439	610		E	0	0	0
35EW31302	0	0		F	0	0	0
39EW31302	0	0		G	0	0	0
39EW31302	7,000	0		H	0	0	0
				I	0	0	0
TOTAL	7,439	610		TOTAL	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AI				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: L-045H, 300 AREA TREATED EFFLUEN							
APPROP: D							
				A	0	0	0
				B	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
				D	0	0	0
EW3130020	1,125	250		E	0	0	0
35EW31302	0	0		F	0	0	0
39EW31302	0	0		G	0	0	0
39EW31302	0	0		H	0	0	0
				I	0	0	0
TOTAL	1,125	250		TOTAL	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

				FY96 DRIVER CATEGORY			
DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				DECREMENT	TARGET	PLAN	IMM RISK
SUB-DESC: PROGRAM: EM SUBACT: AJ							
TITLE: W-011H, WASTE SAMPLING & CHARACT							
APPROP: D							
				A	B	C	D
B&R	FY94 APPR	FY95 PRES	FY95 APPR	E	F	G	H
EW3130020	53	0		0	0	0	0
35EW31302	0	0		0	0	0	0
39EW31302	0	0		0	0	0	0
39EW31302	0	0		0	0	0	0
TOTAL	53	0		0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AM				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-042H, HEC PROJECT ADMINISTRATI							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	B	C	D
EW3130020	280	104		0	0	0	0
35EW31302	0	0		0	0	0	0
39EW31302	0	0		0	0	0	0
39EW31302	-6,044	0		0	0	0	0
TOTAL	-5,764	104		0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AR				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: W-291H, 200 AREA EFFLUENT BAT/AK							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	B	C	D
EW3130020	0	296		0	0	0	0
35EW31302	0	0		0	0	0	0
39EW31302	0	0		0	0	0	0
39EW31302	10,100	0		0	0	0	0
TOTAL	10,100	296		0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY									
SUB-DESC: PROGRAM: EM SUBACT: AV						DECREMENT	TARGET	PLAN	IMM RISK						
TITLE: PRODUCTIVITY CHALLENGE															
APPROP: D															
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D	E	F	G	H	I
EW3130020	0		-104				0	0	0	0	0	0	0	0	0
35EW31302	0		0				0	0	0	0	0	0	0	0	0
39EW31302	0		0				0	0	0	0	0	0	0	0	0
39EW31302	0		0				0	0	0	0	0	0	0	0	0
TOTAL	0		-104				0								

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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A106 Cross References

A106 Number: HEC-B-680H	Date: 9/30/92
Title: PFP LIQUID LOW LEVEL WASTE SYSTEMS MODIFICATION	
Federal Facility Identification: WA 890108967	
Region: 10	Assessment: H
Status: CMPA	Progress: CMPL
A106 Number: HEC-C-018H	Date: 9/30/93
Title: 242-A EVAPORATOR/PUREX PLANT CONDENSATE TREATMENT FACILITY	
Federal Facility Identification: WA890108967	
Region: 10	Assessment: H
Status: CMPA	Progress: CON
A106 Number: HEC-C-031H	Date: 9/30/93
Title: PFP LIQUID EFFLUENT TREATMENT	
Federal Facility Identification: WA 890108967	
Region: 10	Assessment: H
Status: CMPA	Progress: CON
A106 Number: HEC-L-045H	Date: 9/30/93
Title: 300 AREA TREATED EFFLUENT DISPOSAL FACILITY	
Federal Facility Identification: WA 890108967	
Region: 10	Assessment: H
Status: CMPA	Progress: CON
A106 Number: HEC-W-007H	Date: 9/30/94
Title: BCP TREATMENT FACILITY	
Federal Facility Identification: WA 890108967	
Region: 10	Assessment: H
Status: CMPA	Progress: CON
A106 Number: HEC-W-011H	Date: 9/30/93
Title: WASTE SAMPLING AND CHARACTERIZATION FACILITY	
Federal Facility Identification: 8WA 89010896	
Region: 10	Assessment: H
Status: CMPA	Progress: CMPL
A106 Number: HEC-W-041H	Date: 9/30/93
Title: ENVIRONMENTAL HOT CELL EXPANSION	
Federal Facility Identification: WA 890108967	
Region: 10	Assessment: H
Status: CMPA	Progress: CON
A106 Number: HEC-W-049H	Date: 9/30/93
Title: 200 AREA TREATED EFFLUENT DISPOSAL FACILITY	
Federal Facility Identification: WA 890108967	
Region: 10	Assessment: H
Status: CMPA	Progress: CON
A106 Number: HEC-W-291H	Date: 9/30/93
Title: 200 AREA EFFLUENT BAT/AKART IMPLEMENTAION	
Federal Facility Identification: WA 890108967	
Region: 10	Assessment: H
Status: CMPA	Progress: CON

Tiger Team Cross References

TIGER TEAM CROSS REFERENCES Continued

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~~TIGER TEAM CROSS REFERENCES Continued~~

Tiger Team Finding Number: _____ Date: _____
Title: _____

~~FY95-99 ADS Cross References~~

ADS #: RL 2310 1
Title: HANFORD ENVIRONMENTAL COMPLIANCE (HEC)
Transferred in its entirety: Y
Explanation of Change:

~~MILESTONES~~

Milestone No.: _____ Milestone Seq: 2310-01-0035 TPA MS NO.: M-17-00A
Title: B-680H, PFP LIQUID LOW LEVEL WASTE SYSTEM MODS
Planning Date Target Date Decrement Date Level: HQ Keyword: T
12/30/1993 12/30/1993 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-M-17-00A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
COMPLETE LIQUID EFFLUENT TREATMENT FACILITIES/UPGRADES FOR ALL PHASE I STREAMS

Milestone No.: _____ Milestone Seq: 2310-01-0010 TPA MS NO.: M-11-00
Title: W-041H, ENVIRONMENTAL HOT CELL EXPANSION
Planning Date Target Date Decrement Date Level: HQ Keyword: O
6/30/1994 6/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-M-11-00
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
COMPLETE CONSTRUCTION & INITIATE OPERATIONS OF EXPANDED LABORATORY HOT CELLS FOR
HIGH LEVEL RADIOACTIVE MIXED WASTE.

~~MILESTONES Continued~~

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MILESTONES Continued

Milestone No.: Milestone Seq: 2310-01-0040 TPA MS NO.: NONE
Title: C-031H, PFP LIQUID EFFLUENT TREATMENT FACILITY
Planning Date Target Date Decrement Date Level: HQ Keyword: CI
9/30/1994 9/30/1994 PTS: N SMS: N
Driver Name: ORD Driver Reference: RD
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
COMPLETE PROJECT

Milestone No.: Milestone Seq: 2310-01-0025 TPA MS NO.: M-17-00A
Title: L-045H, 300 AREA TREATED EFFLUENT DISPOSAL FACILITY
Planning Date Target Date Decrement Date Level: HQ Keyword: T
12/30/1994 12/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-M-17-00A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
COMPLETE LIQUID EFFLUENT TREATMENT FACILITIES/UPGRADES FOR ALL PHASE I STREAMS

Milestone No.: Milestone Seq: 2310-01-0005 TPA MS NO.: M-17-08B
Title: W-291H 200 AREA EFFLUENT BAT/AKART IMPLEMENTATION COMP. PROJECT
Planning Date Target Date Decrement Date Level: HQ Keyword: T
6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: M-17-08B
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
IMPLEMENT BAT/AKART AT THE GENERATING FACILITIES WHICH WILL DISCHARGE TO 200 AREA
TREATED EFFLUENT DISPOSAL FACILITY

Milestone No.: Milestone Seq: 2310-01-0020 TPA MS NO.: M-17-00A
Title: W-049H, 200 AREA TREATED EFFLUENT DISPOSAL FACILITY
Planning Date Target Date Decrement Date Level: HQ Keyword: D
6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-M-17-00A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
COMPLETE LIQUID EFFLUENT TREATMENT FACILITIES/UPGRADES FOR ALL PHASE I STREAMS

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 2310-01-0070 TPA MS NO.: M-17-00A
Title: C-018H, 242-A EVAPORATOR/PUREX CONDENSATE TREATMENT FACILITY
Planning Date Target Date Decrement Date Level: HQ Keyword: T
6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TRI-M-17-00A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
COMPLETE LIQUID EFFLUENT TREATMENT FACILITIES/UPGRADES FOR ALL PHASE I STREAMS

NARRATIVE

LAST UPDATE: 04-22-1994 TIME: 11:12:27

Technical Scope Summary(Limit 15 line or less):

The Hanford Environmental Compliance Project is on schedule for completion the fourth quarter FY 1995. FY 1994 capital funding authorization appropriation for the amount of \$11,056,000 is adequate to complete and closeout remaining capital funded activities. FY 1995 expense funding for \$1,296,000 is required to support expense related project closeout activities. No further funding is required or requested unless DOE-HQ Directs a scope change.

The HEC Project total estimated cost (TEC) \$214.7M and total project cost (TPC) \$254.4M baseline was approved by the Secretary of Energy November 8, 1993. The present working estimate (PWE) for the HEC Project TEC is \$208,000/TPC \$247,000. The difference between the baseline and the PWE is subprojects completed for less than the authorized TEC/TPC. In conformance with requirement of DOE-Order 4700.1, Change 1' at 80% project complete, an Estimate at Completion Report will be issued to DOE-HQ.

Technical Scope Detail(Limit 104 lines or less):

Subproject W-007H, B Plant Process Condensate Treatment Facility, TEC \$8.9M: This subproject implements BAT/AKART for the B Plant Phase I stream based on the current B Plant mission of cleanout and stabilization. This includes upgrades to end-of-pipe treatment for B Plant Stream Condensate (BCS), B Plant Process condensate (BCP) stream source control and provides B Plant Chemical Sewer (BCE) stream upgrades/source controls in accordance with Subproject W-049H's Engineering Report Recommendations. This subproject also includes installation of backflow prevention dampers which were originally to be installed under Subproject W-024H, now canceled.

Subproject C-031H, Plutonium Finishing Plant Liquid Effluent Treatment Facility, TEC \$9.9M: Provides Waste Retention Facility storage and neutralization tanks consistent with the current PFP mission of cleanout

NARRATIVE Continued

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~~NARRATIVE Continued~~

and stabilization. The waste stream piping and trench connecting these tanks to the PFP will be upgraded to be in compliance with the current DOE requirements for liquid effluent handling (DOE Order 6430.1A Chapter XXI). These upgrades will allow for double containment and leak detection capability for the waste transfer piping from the PFP to Building 241-7.

Subproject C-018H, 242-A Evaporator/PUREX Condensate Treatment Facility, TEC \$53.8M: This subproject provides a new treatment plant and offices with BAT for collected 242-A Evaporator process condensate and permitted land disposal of the treated effluent. The BAT for this stream includes a combination of filtration, reverse osmosis, organic destruction, and ion exchange. Secondary wastes shall be concentrated and drummed in preparation for disposal. This subproject will comply with the derived concentration guide limits of DOE Order 5400.5.

Subproject L-045H, 300 Area Treated Effluent Disposal Facility, TEC \$18.0M: This subproject provides a new facility with BAT and permitted disposal for 30 effluent streams currently disposed of in the 300 Area process trenches. The BAT for these streams may include filtration, carbon adsorption, and reverse osmosis/ion exchange.

Subproject W-049H, 200 Area Treated Effluent Disposal Facility, TEC \$30.0M: This subproject provides the collection and disposal of treated liquid effluents from the 200 Area. These are the streams that result from primary treatment of soil column plant Phase I streams. Detection and sampling systems shall control diversion and retention of upsets in the effluent at the point of discharge.

Subproject W-291H, 200 Areas Effluent BAT/AKART Implementation, TEC \$12.0M: This project will provide BAT/AKART to effluent waste streams for four Hanford facilities; T-Plant, UO3/U-Plant, 2101-M Laboratory, and 284-W Power Plant. Effluent discharge from these facilities will be to HEC Subproject W-049H.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

Continue design, procurement, permitting and construction activities as scheduled and budgeted; complete construction on Subprojects W-020H, W-011H and B-680H; cancel one subproject (W-024H); and add one new subproject (W-291H).

Continue construction, and procurement on subproject L-045H, W-049H, and C-018H. Initiate design and construction on subproject W-291H. Complete design and start construction on subproject W-007H.

Complete design, procurement, continue construction permitting as scheduled and budgeted; complete construction on Subprojects W-011H, W-041H, C-018H, L-045H and C-031H.

Budget Year (FY 1995) Description(Limit 52 lines or less):

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NARRATIVE Continued

Complete construction and project closeout on Subprojects C-018H, L-045H, W-049H, W-291H, W-007H, and the HEC Project.

FY 1995 Expense Funding Reduction

Status: HEC Project requested expense funding \$1,400,000; present budgeted authorization \$1,296,000; a Productivity Challenge reduction of \$104,000. The HEC Project is currently on schedule to meet all of its assigned Tri-Party Agreement and DOE-HQ Milestones and close the MSA out the fourth quarter of FY 1995. Expense funded documentation activities will be at its highest level during the third and fourth quarters of FY 1995. The projected FY 1995 expense Productivity Challenge budget reduction (\$104,000) is not expected to impact the HEC Project's ability to complete final closeout by September 1995. A midyear review will be performed, if there is a projected funding short-fall and that it is estimated that project completion activities cannot be completed on schedule, a change request will be submitted.

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richlands's FY 1995 Congressional Budget request. The delta change from the President's budget is \$104,000.00, resulting in a new total of \$1,296,000.00. These adjustments may require a FY 1995 budget amendment.

Planning Year (FY 1996) Description(Limit 156 lines or less):

N/A

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

N/A

Impacts/Assumptions(Limit 42 lines or less):

- o Parallel permitting approvals support subproject schedules o Hanford Program Mission will not change
- o Funding levels necessary to support scheduled activities are obtained. At present, funding levels for project support (operating) fall short of total requirement. It is assumed adequate operating funds can be obtained.

Key Issues and Impacts at Target:

The design, construction, and subsequent operation of these HEC subprojects supports the goals and milestones of the Tri-Party Agreement identified under milestones and support U.S. Department of Energy Operations Office, Richland (RL) commitment for cessation of untreated effluent to the soil column. Parallel permitting and required budget requirements must be maintained to support DOE's congressional commitment.

Regulatory Drivers/Affected Scope/Consequences:

If funding is not available for this Major System Acquisition, the RL

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established program to ensure that Hanford's facilities and processes are in compliance with federal, state, and local environmental regulations will not be met, including the requirements of the 'Soil Column Plan,' DOE, 1987 and the Tri-Party Agreement milestones identified in this ADS; TPA milestone M-17-00A discontinue disposal of untreated phase I streams to the soil column. WAC-173-340 compliance with Comprehensive Environmental Response, Compensation and Liability Act. WAC-173-303

- o TPA milestone M-17-00A discontinue disposal of untreated Phase I streams to the soil column.
- o WAC-173-340 compliance with Comprehensive Environmental Response, Compensation and Liability Act.
- o WAC-173-303

In an effort to enhance cost efficiencies, this ADS reflects a productivity commitment which achieves the same workscope at a lower unit rate, or the application of more efficient processes, or through cost avoidance.

Supporting Documents(Limit 5 lines or less):

N/A

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

DESCRIPTION OF REGULATORY DRIVERS

DESCRIPTION OF REGULATORY DRIVERS

CAA:

ESTABLISHED AIR QUALITY STANDARDS WHICH SET THE STANDARD FOR POLLUTENT LEVELS BEYOND WHICH THERE IS DANGER TO THE PUBLIC HEALTH.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

CWA:

ESTABLISHES REGULATORY CONTROL OF TOXIC WATER POLLUTANTS. BY IMPOSING LIMITATIONS ON POLLUTANT DISCHARGES INTO THE WATER OF THE UNITED STATES.

DOE:

Numerous orders govern financial and budget management, planning, conduct of operations, maintenance, personnel training, industrial and radiological safety, environmental protection, facility design, and require compliance with state/fed laws.

ORD:

TPA'S M-17-00A Requires Complete Liquid Effluent Treatment Facilities/Upgrades for all Phase I Streams. M-14-00 Requires operation of the Waste Sampling and Characterization Facility.

M-11-00 Requires Complete Construction and initiate operations of the Expanded Laboratory Hot Cells. M-24-00 Requires the installation of RCRA Groundwater Monitoring Wells.

RCRA:

40 CFR 264 DEFINES THE RELATED STANDARDS AND PERMIT PROCESS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL (TSD) FACILITIES. 40 CFR 265 DEFINES TANK SYSTEMS GENERAL REQUIREMENTS, TANK SYSTEM INSPECTION REQUIREMENTS.

40 CFR 300 DEFINES NATIONAL OIL HAZARDOUS SUBSTANCE FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT STORAGE AND DISPOSAL FACILITIES.

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DESCRIPTION OF REGULATORY DRIVERS Continued

ST:
WAC-173-303-340 RELATES TO GENERATION, MINIMIZATION, TREATMENT, STORAGE AND DISPOSAL OF WASTE, SPECIFICALLY OPERATION, MAINTENANCE, PERSONNEL PROTECTION AND MANDATES COMPLIANCE BY SITE FACILITIES TO REDUCE (TREAT) VOLUME OF SOLID WASTE FOR DISPOSAL.

TRI:
TPA'S M-17-00A REQUIRES COMPLETE LIQUID EFFLUENT TREATMENT FACILITIES UPGRADES FOR ALL PHASE I STREAMS. M-11-00 REQUIRES COMPLETE CONSTRUCTION AND INITIATE OPERATIONS OF THE EXPANDED LABORATORY HOT CELLS.

M-14-00 REQUIRES OPERATION OF THE WASTE SAMPLING AND CHARACTERIZATION FACILITY. M-24-00 REQUIRES THE INSTALLATION OF RCRA GROUNDWATER MONITORING WELLS.

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Operations Office: RL ID No.: 2320- 0 Revision Date: 4/22/1994
 ADS Title: WASTE AND DECONTAMINATION SERVICES
 WBS No.: 1.3.7.3.6 Category: WM Appr.:
 Project Title: WASTE AND DECONTAMINATIO Facility/WAG: T PLANT
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: N/A TPC: TEC:
 Contig: 0
 CNTR Manager: MCCARTHY, MM Phone: 509-376-1589
 O.O. Manager: GUERCIA, RF Phone: 509-376-5494
 H.Q. Manager: BODA, JO Phone: 301-903-7123
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 13 TRU: 0 TRU MIX: 0 LLW: 14 MLLW: 6 HAZ: 1 SANT: 1 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: Y 3004U: N TSCA: N CERCLA: N NEPA: Y
 DOE: Y IAG: Y OSHA: Y ORD: Y ST : Y TRI : Y FED : Y FFCA: N
 OTHER 1: Y OTHER 2: Y OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	FY96 DRIVER CATEGORY			IMM RISK
					DECREMENT	TARGET	PLAN	
OE	22,588	31,309		A	5,750	6,145	6,842	6,842
CE	2,071	590		B	0	0	0	0
GPP	0	1,000		C	14,282	14,282	25,825	23,844
LI	0	0		D	1,310	6,696	8,278	8,278
				E	6,524	6,524	18,476	15,037
TOTAL	24,659	32,899		F	-243	-838	3,385	3,385
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	27,623	32,808	62,805	57,385

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	26,433
CE	590
GPP	600
LI	0
TOTAL	27,623

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	31,618	37,534	43,945	45,477	41,694
CE	590	4,144	4,100	6,400	6,400
GPP	600	500	500	500	500
LI	0	0	0	0	0
TOTAL	32,808	42,178	48,545	52,377	48,594

FTEs	FY94	FY95			
Direct	218	252			
Indirect	161	187			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	250	261	279	281	249
Indirect	185	193	207	208	185
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	48,311	47,122	48,731	50,867	49,649
CE	12,894	8,982	8,982	9,380	9,380
GPP	1,600	2,329	2,329	2,239	2,239
LI	0	0	0	0	0
TOTAL	62,805	58,433	60,042	62,486	61,268

FTEs	FY94	FY95			
Direct	218	294			
Indirect	161	218			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	311	305	304	306	284
Indirect	230	226	225	227	210
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: Waste & Decontamination Services									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	7,114	7,114	7,333	7,333
					D	0	0	0	0
EW3130020	8,692	11,373			E	2,484	2,484	2,775	2,775
35EW31302	721	90			F	1,596	1,596	3,385	3,385
39EW31302	0	1,000			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	9,413	12,463			TOTAL	11,194	11,194	13,492	13,492

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	11,104
35EW31302	90
39EW31302	0
39EW31302	0
TOTAL	11,194

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	11,104	12,423	13,183	13,916	13,741
35EW31302	90	100	100	100	100
39EW31302	0	500	500	500	500
39EW31302	0	0	0	0	0
TOTAL	11,194	13,023	13,783	14,516	14,341

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	12,810	13,263	14,110	14,365	14,794
35EW31302	682	1,137	1,137	1,137	1,137
39EW31302	0	2,089	2,089	2,089	2,089
39EW31302	0	0	0	0	0
TOTAL	13,492	16,489	17,336	17,591	18,020

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Budget Detail Profile

				FY96 DRIVER CATEGORY			
DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				DECREMENT	TARGET	PLAN	IMM RISK
SUB-DESC: PROGRAM: EM SUBACT: AB							
TITLE: T Plant Maintenance and Assessme							
APPROP: D							
			A	5,750	5,750	6,447	6,447
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	7,168	7,168	13,470
				D	1,146	1,146	1,146
EW3130020	12,854	13,988		E	3,040	3,040	4,040
35EW31302	500	0		F	-1,788	-1,788	0
39EW31302	0	0		G	0	0	0
39EW31302	0	0		H	0	0	0
				I	0	0	0
TOTAL	13,354	13,988		TOTAL	15,316	15,316	25,104
						25,104	25,104

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	14,716
35EW31302	0
39EW31302	600
39EW31302	0
TOTAL	15,316

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	14,716	19,697	20,621	22,188	21,595
35EW31302	0	0	0	0	0
39EW31302	600	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	15,316	19,697	20,621	22,188	21,595

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	18,387	20,151	20,648	22,364	24,078
35EW31302	5,117	0	0	0	0
39EW31302	1,600	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	25,104	20,151	20,648	22,364	24,078

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AC						DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: Liquid Waste Transfers										
APPROP: D										
						A	B	C	D	E
						0	0	0	0	0
						0	0	0	0	0
B&R	FY94	APPR	FY95	PRES	FY95	APPR	C	D	E	F
	572		454				0	0	0	0
EW3130020	572		454				499	499	613	613
35EW31302	0		0				-51	-51	0	0
39EW31302	0		0				0	0	0	0
39EW31302	0		0				0	0	0	0
TOTAL	572		454				448	448	613	613
						TOTAL	448	448	613	613

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	448
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	448

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	448	433	427	485	488
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	448	433	427	485	488

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	613	632	651	670	690
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	613	632	651	670	690

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AD				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: Liquid Waste Compliance							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	B	C	D
EW3130020	470	0		0	0	0	0
35EW31302	850	0		0	0	0	0
39EW31302	0	0		0	0	0	0
39EW31302	0	0		0	0	0	0
TOTAL	1,320	0		0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AE						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: Decontamination/Repair Direct Se									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	165	5,550	7,132	7,132
EW3130020	0	4,966			E	0	0	0	0
35EW31302	0	0			F	0	-555	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	4,966			TOTAL	165	4,995	7,132	7,132

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	165
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	165

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	4,995	4,980	6,722	5,491	5,150
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	4,995	4,980	6,722	5,491	5,150

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	7,132	7,373	7,589	7,711	7,965
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	7,132	7,373	7,589	7,711	7,965

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AI						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: Applied Technology & Equipment									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130020	0	0			E	500	500	6,822	6,822
35EW31302	0	500			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	500			TOTAL	500	500	6,822	6,822

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	500
39EW31302	0
39EW31302	0
TOTAL	500

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	500	4,044	4,000	6,300	6,300
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	500	4,044	4,000	6,300	6,300

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	6,822	7,391	7,391	7,959	7,959
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	6,822	7,391	7,391	7,959	7,959

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AJ						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: Process Planning									
APPROP: D									
					A	0	394	394	394
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130020	0	528			E	0	0	3,439	0
35EW31302	0	0			F	0	-40	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	528			TOTAL	0	354	3,834	394

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	354	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	354	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	3,834	990	998	1,006	1,013
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	3,834	990	998	1,006	1,013

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DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AK						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: Inspection Repackaging Unit									
APPROP: D									
B&R	FY94 APPR	FY95 PRES	FY95 APPR						
				A		0	0	0	0
				B		0	0	0	0
				C		0	0	0	0
				D		0	0	0	0
EW3130020	0	0		E		0	0	786	786
35EW31302	0	0		F		0	0	0	0
39EW31302	0	0		G		0	0	0	0
39EW31302	0	0		H		0	0	0	0
				I		0	0	0	0
TOTAL	0	0		TOTAL		0	0	786	786

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	629	714	720
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	629	714	720

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	786	817	823	855	862
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	786	817	823	855	862

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: CA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: T Plant Head End Cleanup									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	1,479	1,479
					D	0	0	0	0
EW3130020	0	0			E	0	0	0	0
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	0			TOTAL	0	0	1,479	1,479

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	1,184	1,344	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	1,184	1,344	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	1,479	1,491	1,503	1,514	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	1,479	1,491	1,503	1,514	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: CB				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: Legacy Waste Cleanup							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	1,561
				D	0	0	0
EW3130020	0	0		E	0	0	0
35EW31302	0	0		F	0	0	0
39EW31302	0	0		G	0	0	0
39EW31302	0	0		H	0	0	0
				I	0	0	0
TOTAL	0	0		TOTAL	0	0	1,561
							1,561

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	1,561	593	611	629	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	1,561	593	611	629	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: CD						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: Railcar Disposition									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	1,474	0
					D	0	0	0	0
EW3130020	0	0			E	0	0	0	0
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	0			TOTAL	0	0	1,474	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	1,180	1,339	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	1,180	1,339	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	1,474	1,485	1,497	1,509	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	1,474	1,485	1,497	1,509	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: PP				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: Pollution Prevention							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	507
			D	0	0	0	0
EW3130020	0	0		E	0	0	0
35EW31302	0	0		F	0	0	0
39EW31302	0	0		G	0	0	0
39EW31302	0	0		H	0	0	0
				I	0	0	0
TOTAL	0	0		TOTAL	0	0	507

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	234	327	302	244	246
35EW31302	273	455	455	284	284
39EW31302	0	240	240	150	150
39EW31302	0	0	0	0	0
TOTAL	507	1,022	996	678	680

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A106 Cross References

A106 Number: _____ Date: _____
Title: N/A
Federal Facility Identification: _____
Region: _____ Assessment: _____
Status: _____ Progress: _____

Tiger Team Cross References

Tiger Team Finding Number: N/A Date: _____
Title: _____

FY95-99 ADS Cross References

ADS #: RL 2320 0
Title: WASTE AND DECONTAMINATION SERVICES
Transferred in its entirety: Y
Explanation of Change:
NO CHANGE FROM FY 1994 ADS SUBMITTAL

MILESTONES

Milestone No.: _____ Milestone Seq: 2320-00-0120 TPA MS NO.: NONE
Title: COMPLETE CDR FOR SW PROCESSING FACILITY REPL/UPGRADE (W-354)
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1995 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: RCRA, WAC 173-303
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
NOT FUNDED IN THE TARGET OR DECREMENT CASE. INITIATES PLANNING FOR AN UPGRADE OF T
PLANT OR DEVELOPMENT OF A NEW FACILITY FOR USE AS A SITE DECONTAMINATION FACILITY,
BASED ON RESULTS OF THE LONG TERM DECONTAMINATION ENGINEERING STUDY.

Milestone No.: _____ Milestone Seq: 2320-00-0005 TPA MS NO.: M-32-03
Title: IMPLEMENT VISUAL INSPECT/LEAK TEST PROGRAM FOR 2706-T/211-T TANKS
Planning Date Target Date Decrement Date Level: HQ Keyword: T
10/31/1993 10/31/1993 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: WAC 173-303, 173-307
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
DEVELOP AND IMPLEMENT A PROGRAM PLAN TO CONDUCT VISUAL AND STATIC LEAK TESTING FOR
THE 2706-T AND 211-T TANKS. TPA M-32-03-T01

MILESTONES Continued

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Milestone No.: Milestone Seq: 2320-00-0010 TPA MS NO.: NONE
Title: COMPLETE CDR FOR T PLANT 2ND CONTAIN/LEAK DETECTION (W-259)
Planning Date Target Date Decrement Date Level: FO Keyword: T
1/17/1994 1/17/1994 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: 40 CFR 264, WAC 173-303
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
SUPPORT CDR TO IDENTIFY SECONDARY CONTAINMENT AND LEAK DETECTION MODIFICATIONS TO
ENSURE RCRA AND WAC COMPLIANT TANK AND PIPING SYSTEMS. INCLUDED IN TPA #M-32-03-T02.

Milestone No.: Milestone Seq: 2320-00-0015 TPA MS NO.: NONE
Title: COMPLETE CDR FOR T PLANT HVAC UPGRADES (C-077)
Planning Date Target Date Decrement Date Level: FO Keyword: T
2/14/1994 2/14/1994 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE 6430-1A, ALARA
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
WILL IDENTIFY T PLANT HVAC UPGRADES, SUPPORTING FY 1996 LI TO CORRECT DEFICIENCIES
IN THE 221-T AIR HANDLING SYSTEMS TO MINIMIZE SPREAD OF CONTAMINATION DURING DECON
OPERATIONS AND FOR PERSONNEL PROTECTION.

Milestone No.: Milestone Seq: 2320-00-0025 TPA MS NO.: NONE
Title: COMPLETE FURTHER PWR POOL SEISMIC ANALYSIS
Planning Date Target Date Decrement Date Level: HQ Keyword: S
3/31/1994 3/31/1994 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: 40 CFR 264 15(C) (RCRA)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THIS MILESTONE RESPONDS TO CONCERNS OF THE SPENT PWR FUEL SEISMIC QUALIFICATIONS AS
REQUIRED IN THE SPENT NUCLEAR FUEL VULNERABILITY ASSESSMENT.

Milestone No.: Milestone Seq: 2320-00-0030 TPA MS NO.: M-32-03
Title: COMPLETE CDR FOR T PLANT TANK SYSTEM UPGRADES (W-259)
Planning Date Target Date Decrement Date Level: HQ Keyword: T
4/30/1994 4/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: 40 CFR 264 (RCRA), 173-303
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
COMPLETES CDR FOR DESIGN OF T PLANT TANK SYSTEM UPGRADES TO ENSURE RCRA AND WAC
COMPLIANT TANK AND PIPING SYSTEMS FOR T PLANT. TPA #M-32-03-T02.

MILESTONES Continued

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Milestone No.: Milestone Seq: 2320-00-0035 TPA MS NO.: NONE
Title: COMPLETE CANYON CLEANOUT PLAN FOR PWR POOL AREA
Planning Date Target Date Decrement Date Level: HQ Keyword: T
5/30/1994 5/30/1994 PTS: Y SMS: Y
Driver Name: FED Driver Reference: 40 CFR 260
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
RESPONDS TO CONCERNS IN THE SPENT NUCLEAR FUEL VULNERABILITY STUDY. CONCERN RELATES TO PROPER HOUSEKEEPING IN AREA SURROUNDING THE PWR CORE II POOL TO AVOID ACCIDENTAL INCURSION OF FOREIGN MATERIAL.

Milestone No.: Milestone Seq: 2320-00-0020 TPA MS NO.: NONE
Title: COMPLETE CANYON CERTIFICATION TRAINING UPDATE
Planning Date Target Date Decrement Date Level: HQ Keyword: S
5/31/1994 5/31/1994 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE 5480.23
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THIS MILESTONE RESPONDS TO CONCERNS MENTIONED IN THE SPENT NUCLEAR FUEL VULNERABILITY ASSESSMENT BY UPDATING TRAINING INVOLVING MATERIAL MOVEMENT AROUND SPENT PWR FUEL POOL.

Milestone No.: Milestone Seq: 2320-00-0045 TPA MS NO.: NONE
Title: INSTALL LEVEL INDICATION DEVICE FOR 211-T TANK
Planning Date Target Date Decrement Date Level: HQ Keyword: T
6/30/1994 6/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: WAC 173-303
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
COMPLETE THE INSTALLATION OF A LEVEL INDICATION DEVICE IN THE 211-T TANK TO ALLOW FOR DAILY MONITORING OF THE LIQUID LEVEL IN THE 211-T TANK AS REQUIRED. TPA #M-32-03-T05

Milestone No.: Milestone Seq: 2320-00-0050 TPA MS NO.: M-32-03
Title: SUBMIT SCHEDULE FOR COMP OF T PLANT TANK SYSTEM UPGRADES (W-259)
Planning Date Target Date Decrement Date Level: HQ Keyword: T
6/30/1994 6/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: 40 CFR 264 (RCRA), WAC 173-303
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
SCHEDULES COMPLETION OF T PLANT TANK SYSTEM UPGRADES TO ENSURE RCRA AND WAC COMPLIANT TANK AND PIPING SYSTEMS FOR T PLANT (PROJECT W-259). TPA #M-32-03-T03

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MILESTONES Continued

Milestone No.: Milestone Seq: 2320-00-0055 TPA MS NO.: M-32-03
Title: COMPLETE MODIF TO 2706-T STAGING PAD TO ELIMINATE ACCUM OF PRECIP
Planning Date Target Date Decrement Date Level: HQ Keyword: T
6/30/1994 6/30/1994 PTS: Y SMS: Y

Driver Name: TRI Driver Reference: WAC 173-303, 173-307
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

THIS MODIFICATION WILL PREVENT THE ACCUMULATION OF PRECIPITATION ON THE 2706-T PAD,
ELIMINATING EXCESS DRAINAGE TO 2706-T TANK SYSTEM. TPA #M-32-03-T04.

Milestone No.: Milestone Seq: 2320-00-0060 TPA MS NO.: NONE
Title: COMPLETE FY95 TREATMENT FORECAST
Planning Date Target Date Decrement Date Level: FO Keyword: T
6/30/1994 6/30/1994 PTS: Y SMS: Y

Driver Name: DOE Driver Reference: DOE 5820
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

REQUIRES THE COMPLETION OF THE WDS FY95 DETAILED WASTE EQUIPMENT FORECAST, TO ASSIST
HANFORD SITE PROGRAMS IN WASTE FORECASTING, PLANNING, HANDLING, AND SHIPPING.

Milestone No.: Milestone Seq: 2320-00-0040 TPA MS NO.: NONE
Title: COMPLETE DISP OF 2ND LARGE WASTE CONTAINER IN CANYON
Planning Date Target Date Decrement Date Level: HQ Keyword: T
7/31/1994 7/31/1994 PTS: Y SMS: Y

Driver Name: FED Driver Reference: 40 CFR 260
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

THIS MILESTONE RESPONDS TO A NOTICE OF NON-COMPLIANCE FROM RL AND TO CONCERNS
MENTIONED IN THE SPENT NUCLEAR FUEL VULNERABILITY ASSESSMENT.

Milestone No.: Milestone Seq: 2320-00-0065 TPA MS NO.: M-17-41
Title: COMPLETE PWR FUEL POOL THERMAL RESPONSE TEST
Planning Date Target Date Decrement Date Level: HQ Keyword: S
7/31/1994 7/31/1994 PTS: Y SMS: Y

Driver Name: FED Driver Reference: 40 CFR 260
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

THIS MILESTONE RESPONDS TO CONCERNS MENTIONED IN THE VULNERABILITY ASSESSMENT AND
TPA MILESTONE M-17-41, EXAMINING THE NEED FOR CONTINUED CHILLER OPERATION.

MILESTONES Continued

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Milestone No.: Milestone Seq: 2320-00-0070 TPA MS NO.: NONE
Title: COMPLETE EVALUATION OF PWR STORAGE POOL CONFIGURATION OPTIONS
Planning Date Target Date Decrement Date Level: HQ Keyword: S
8/31/1994 8/31/1994 PTS: Y SMS: Y

Driver Name: FED Driver Reference: 40 CFR 260
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

THIS MILESTONE RESPONDS TO CONCERNS MENTIONED IN THE SPENT NUCLEAR FUEL
VULNERABILITY ASSESSMENT, ADDRESSING OPTIONS SUCH AS CHILLER/NO CHILLER AND WET/DRY
STORAGE.

Milestone No.: Milestone Seq: 2320-00-0075 TPA MS NO.: NONE
Title: TREAT UP TO 1,000 FT3 OF LOW-LEVEL WASTE FOR DISPOSAL
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1994 9/30/1994 PTS: Y SMS: Y

Driver Name: FED Driver Reference: 40 CFR 260, 57 FR 37914
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

DOCUMENTS COMPLETION OF MINIMUM OPERATIONAL ACTIVITIES AT THE T PLANT FACILITIES.

Milestone No.: Milestone Seq: 2320-00-0080 TPA MS NO.: NONE
Title: TREAT UP TO 1,000 FT3 OF HIGH RADIATION WASTE FOR DISPOSAL
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1994 9/30/1994 PTS: Y SMS: Y

Driver Name: FED Driver Reference: 40 CFR 260, 57 FR 37914
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

DOCUMENTS COMPLETION OF MINIMUM OPERATIONAL ACTIVITIES AT THE T PLANT FACILITIES.

Milestone No.: Milestone Seq: 2320-00-0085 TPA MS NO.: NONE
Title: COMPLETE OUTYEAR TREATMENT FORECAST
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1994 9/30/1994 PTS: Y SMS: Y

Driver Name: DOE Driver Reference: DOE 5820
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

THIS MILESTONE INCLUDES THE DEVELOPMENT OF A COMPREHENSIVE LONG RANGE FORECAST
SPECIFYING THE DECONTAMINATION TREATMENT REQUIREMENTS AT THE HANFORD SITE.

~~MILESTONES Continued~~

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Milestone No.: Milestone Seq: 2320-00-0090 TPA MS NO.: M-17-41
Title: DEVELOP PLAN FOR RECOMMENDED OPTION FOR PWR FUEL POOL CONFIG
Planning Date Target Date Decrement Date Level: HQ Keyword: T
12/31/1994 12/31/1994 PTS: Y SMS: Y

Driver Name: FED Driver Reference: 40 CFR 260
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

THIS MILESTONE RESPONDS TO CONCERNS MENTIONED IN THE SPENT NUCLEAR FUEL
VULNERABILITY ASSESSMENT FINALIZING PLANNING FOR REMEDIATION OF CONCERNS AND TPA M-
17-41 COMPLIANCE.

Milestone No.: Milestone Seq: 2320-00-0095 TPA MS NO.: M-17-41
Title: ELIMINATE CHILLER AND COMPRESSOR STREAMS
Planning Date Target Date Decrement Date Level: FO Keyword: T
3/30/1995 3/30/1995 PTS: Y SMS: Y

Driver Name: ST Driver Reference: WAC 173-216
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

THIS MILESTONE IS IN SUPPORT OF TPA MILESTONE M-17-41 REQUIRING THE ELIMINATION OF
PHASE II WASTE WATER STREAM FLOW INTO THE 216-T-4-2 DITCH, AS REQUIRED BY WAC 173-
216 (BAT/AKART).

Milestone No.: Milestone Seq: 2320-00-0285 TPA MS NO.: NONE
Title: SUBMIT WASTE AND DECONTAMINATION SERVICES (WDS) FIVE YEAR PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: T
5/01/1995 5/01/1995 PTS: Y SMS: Y

Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

DEPARTMENT OF ENERGY REQUIRES FIVE YEAR PLANNING.

Milestone No.: Milestone Seq: 2320-00-0100 TPA MS NO.: M-17-41
Title: CEASE ALL DISCHARGE TO THE 216-T-4-2 DITCH
Planning Date Target Date Decrement Date Level: HQ Keyword: T
6/30/1995 6/30/1995 PTS: Y SMS: Y

Driver Name: TRI Driver Reference: WAC 173-216
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

THIS MILESTONE REQUIRES ELIMINATION OF PHASE II WASTE WATER STREAM FLOW INTO THE 216-
T-4-2 DITCH, AS REQUIRED BY WAC 173-216 (BAT/AKART) AND TPA M-17-41 (PROJECT W-291).

MILESTONES Continued

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Milestone No.: Milestone Seq: 2320-00-0105 TPA MS NO.: M-17-42
Title: CEASE ALL DISCHARGE TO THE 216-T-1 DITCH
Planning Date Target Date Decrement Date Level: HQ Keyword: T
6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: WAC 173-216
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THIS MILESTONE REQUIRES THE ELIMINATION OF PHASE II WASTE WATER STREAM FLOW INTO THE 216-T-1 DITCH, AS REQUIRED BY WAC 173-216 (BAT/AKART) AND TPA M-17-42 (PROJECT W-291).

Milestone No.: Milestone Seq: 2320-00-0110 TPA MS NO.: NONE
Title: COMPLETE FY 1996 TREATMENT FORECAST
Planning Date Target Date Decrement Date Level: FO Keyword: T
6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE 5820
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
REQUIRES THE COMPLETION OF THE WDS FY96 DETAILED WASTE EQUIPMENT FORECAST, TO ASSIST HANFORD SITE PROGRAMS IN WASTE FORECASTING, PLANNING, HANDLING, AND SHIPPING.

Milestone No.: Milestone Seq: 2320-00-0290 TPA MS NO.: NONE
Title: SUBMIT WDS MULTI-YEAR PROGRAM PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: T
8/31/1995 8/31/1995 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DOE REQUIRES THE MULTI-YEAR PROGRAM PLAN.

Milestone No.: Milestone Seq: 2320-00-0115 TPA MS NO.: NONE
Title: COMPLETE UPDATE OF OUTYEAR TREATMENT FORECAST
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1995 9/30/1995 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE 5820
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THIS MILESTONE INCLUDES THE DEVELOPMENT OF A COMPREHENSIVE LONG RANGE FORECAST SPECIFYING THE DECONTAMINATION TREATMENT REQUIREMENTS AT THE HANFORD SITE.

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Milestone No.: Milestone Seq: 2320-00-0125 TPA MS NO.: NONE
Title: COMPLETE DISP OF FAILED BACK-LOG EQUIPMENT NEAR THE PWR POOL
Planning Date Target Date Decrement Date Level: HQ Keyword: T
9/30/1995 9/30/1995 PTS: Y SMS: Y
Driver Name: FED Driver Reference: 40 CFR 260
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THIS MILESTONE RESPONDS TO A NOTICE OF NON-COMPLIANCE FROM RL AND TO CONCERNS
MENTIONED IN THE SPENT NUCLEAR FUEL VULNERABILITY ASSESSMENT.

Milestone No.: Milestone Seq: 2320-00-0190 TPA MS NO.: NONE
Title: TREAT UP TO 1,000 FT3 OF LOW-LEVEL WASTE FOR DISPOSAL
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1995 9/30/1995 PTS: Y SMS: Y
Driver Name: ST Driver Reference: WAC 173-303, 307
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DOCUMENTS COMPLETION OF MINIMUM OPERATIONAL ACTIVITIES AT THE T PLANT FACILITIES.

Milestone No.: Milestone Seq: 2320-00-0200 TPA MS NO.: NONE
Title: TREAT UP TO 1,000 FT3 OF HIGH RADIATION WASTE FOR DISPOSAL
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1995 9/30/1995 PTS: Y SMS: Y
Driver Name: ST Driver Reference: WAC 173-303, 307
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DOCUMENTS COMPLETION OF MINIMUM OPERATIONAL ACTIVITIES AT THE T PLANT FACILITIES.

Milestone No.: Milestone Seq: 2320-00-0255 TPA MS NO.: NONE
Title: PERFORM CERTIFICATIONS NEEDED TO ENSURE ONE LWTC IS AVAILABLE
Planning Date Target Date Decrement Date Level: FO Keyword: S
9/30/1995 9/30/1995 PTS: Y SMS: Y
Driver Name: ST Driver Reference: WAC 173-303, DOT (EQUIV)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
PERFORM ANNUAL INSPECTIONS AND CERTIFICATIONS ON THE LIQUID WASTE TANK CARS TO
ENSURE AT LEAST ONE CAR IS ALWAYS AVAILABLE. NECESSARY TO ASSURE LESS THAN 90 DAY
STORAGE REQUIREMENTS. SHIPMENTS FROM THE 300 LABS NECESSARY TO SUPPORT TPA M-44.

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Milestone No.: Milestone Seq: 2320-00-0130 TPA MS NO.: M-20-51
Title: SUBMIT PART B PERMIT APPLICATION TO ECOLOGY AND EPA
Planning Date Target Date Decrement Date Level: HQ Keyword: T
12/31/1995 12/31/1995 12/31/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: DOE 5820.2
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

SUBMIT T PLANT COMPLEX PART B PERMIT APPLICATION TO OBTAIN RCRA FINAL STATUS PERMIT FOR T PLANT TO ALLOW CONTINUATION OF THE WASTE TREATMENT AND WASTE MANAGEMENT MISSION.

Milestone No.: Milestone Seq: 2320-00-0135 TPA MS NO.: NONE
Title: COMPLETE PHASE I CANYON CLEANOUT
Planning Date Target Date Decrement Date Level: FO Keyword: T
12/31/1995 12/31/1995 12/31/1996 PTS: Y SMS: Y
Driver Name: ST Driver Reference: WAC 173-303
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

COMPLETE WASTE PROCESSING AND SHIPMENT OF SIX PUREX PROCESS TOWERS CURRENTLY STORED IN T PLANT CANYON TO ALLOW SPACE FOR FUTURE DECONTAMINATION ACTIVITIES AND AID IN CANYON ALARA IMPLEMENTATION.

Milestone No.: Milestone Seq: 2320-00-0295 TPA MS NO.: NONE
Title: SUBMIT WDS FIVE YEAR PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: T
5/01/1996 5/01/1996 5/01/1996 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

DOE REQUIRES FIVE YEAR PLANNING.

Milestone No.: Milestone Seq: 2320-00-0140 TPA MS NO.: NONE
Title: COMPLETE FY 97 TREATMENT FORECAST
Planning Date Target Date Decrement Date Level: FO Keyword: T
6/30/1996 6/30/1996 6/30/1996 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE 5820
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

REQUIRES THE COMPLETION OF THE WDS FY97 DETAILED WASTE EQUIPMENT FORECAST, TO ASSIST HANFORD SITE PROGRAMS IN WASTE FORECASTING, PLANNING, HANDLING, AND SHIPPING.

MILESTONES Continued

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Milestone No.: Milestone Seq: 2320-00-0300 TPA MS NO.: NONE
Title: SUBMIT WDS MULTI-YEAR PROGRAM PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: T
8/31/1996 8/31/1996 8/31/1996 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DOE REQUIRES THE MULTI-YEAR PROGRAM PLAN.

Milestone No.: Milestone Seq: 2320-00-0145 TPA MS NO.: NONE
Title: COMPLETE UPDATE OF OUTYEAR TREATMENT FORECAST
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1996 9/30/1996 9/30/1996 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE 5820
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THIS MILESTONE INCLUDES THE DEVELOPMENT OF A COMPREHENSIVE LONG RANGE FORECAST
SPECIFYING THE DECONTAMINATION TREATMENT REQUIREMENTS AT THE HANFORD SITE.

Milestone No.: Milestone Seq: 2320-00-0205 TPA MS NO.: NONE
Title: TREAT UP TO 1,000 FT3 OF LOW-LEVEL WASTE FOR DISPOSAL
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1996 9/30/1996 PTS: Y SMS: Y
Driver Name: ST Driver Reference: WAC 173-303, 307
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DOCUMENTS COMPLETION OF MINIMUM OPERATIONAL ACTIVITIES AT THE T PLANT FACILITIES.
THESE ACTIVITIES ARE NOT FUNDED IN THE DECREMENT CASE.

Milestone No.: Milestone Seq: 2320-00-0210 TPA MS NO.: NONE
Title: TREAT UP TO 1000 FT3 OF HIGH RADIATION WASTE FOR DISPOSAL
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1996 9/30/1996 PTS: Y SMS: Y
Driver Name: ST Driver Reference: WAC 173-303, 307
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DOCUMENTS COMPLETION OF MINIMUM OPERATIONAL ACTIVITIES AT THE T PLANT FACILITIES.
THESE ACTIVITIES ARE NOT FUNDED IN THE DECREMENT CASE.

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Milestone No.: Milestone Seq: 2320-00-0260 TPA MS NO.: NONE
Title: PERFORM CERTIFICATIONS NEEDED TO ENSURE AVAILABILITY OF ONE LWTC
Planning Date Target Date Decrement Date Level: FO Keyword: S
9/30/1996 9/30/1996 9/30/1996 PTS: Y SMS: Y
Driver Name: ST Driver Reference: WAC 173-303, DOT (EQUIV)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
PERFORM ANNUAL INSPECTIONS AND CERTIFICATIONS OF THE LIQUID WASTE TANK CARS TO ENSURE AT LEAST ONE CAR IS ALWAYS AVAILABLE.

Milestone No.: Milestone Seq: 2320-00-0195 TPA MS NO.: NONE
Title: COMPLETE PHASE II CANYON CLEAN-OUT PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: T
12/31/1996 12/31/1996 PTS: Y SMS: Y
Driver Name: ST Driver Reference: WAC 173-303, 307
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
CLEAN OUT CELLS AS REQUIRED BY PROJECT W-259 SECONDARY CONTAINMENT AND LEAK DETECTION UPGRADES.

Milestone No.: Milestone Seq: 2320-00-0305 TPA MS NO.: NONE
Title: SUBMIT WDS FIVE YEAR PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: T
5/01/1997 5/01/1997 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DOE REQUIRES FIVE YEAR PLANNING.

Milestone No.: Milestone Seq: 2320-00-0150 TPA MS NO.: NONE
Title: COMPLETE FY 98 TREATMENT FORECAST
Planning Date Target Date Decrement Date Level: FO Keyword: T
6/30/1997 6/30/1997 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE 5820
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
REQUIRES THE COMPLETION OF THE WDS FY98 DETAILED WASTE EQUIPMENT FORECAST, TO ASSIST HANFORD SITE PROGRAMS IN WASTE FORECASTING, PLANNING, HANDLING, AND SHIPPING.

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Milestone No.: Milestone Seq: 2320-00-0310 TPA MS NO.: NONE
Title: SUBMIT WDS MULTI-YEAR PROGRAM PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: T
8/31/1997 8/31/1997 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DOE REQUIRES THE MULTI-YEAR PROGRAM PLAN.

Milestone No.: Milestone Seq: 2320-00-0155 TPA MS NO.: NONE
Title: COMPLETE UPDATE OF OUTYEAR TREATMENT FORECAST
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1997 9/30/1997 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE 5820
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THIS MILESTONE INCLUDES THE DEVELOPMENT OF A COMPREHENSIVE LONG RANGE FORECAST SPECIFYING THE DECONTAMINATION TREATMENT REQUIREMENTS AT THE HANFORD SITE.

Milestone No.: Milestone Seq: 2320-00-0215 TPA MS NO.: NONE
Title: TREAT UP TO 1000 FT3 OF LOW-LEVEL WASTE FOR DISPOSAL
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1997 9/30/1997 PTS: Y SMS: Y
Driver Name: ST Driver Reference: WAC 173-303, 307
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DOCUMENTS COMPLETION OF MINIMUM OPERATIONAL ACTIVITIES AT THE T PLANT FACILITIES.

Milestone No.: Milestone Seq: 2320-00-0220 TPA MS NO.: NONE
Title: TREAT UP TO 1,000 FT3 HIGH RADIATION WASTE FOR DISPOSAL
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1997 9/30/1997 PTS: Y SMS: Y
Driver Name: ST Driver Reference: WAC 173-303, 307
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DOCUMENTS COMPLETION OF MINIMUM TREATMENT ACTIVITIES AT THE T PLANT FACILITIES.

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Milestone No.: Milestone Seq: 2320-00-0265 TPA MS NO.: NONE
Title: PERFORM CERTIFICATIONS NEEDED TO ENSURE ONE LWTC IS AVAILABLE
Planning Date Target Date Decrement Date Level: FO Keyword: S
9/30/1997 9/30/1997 PTS: Y SMS: Y
Driver Name: ST Driver Reference: WAC 173-303, DOT (EQUIV)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
PERFORM ANNUAL INSPECTIONS AND CERTIFICATIONS OF THE LIQUID WASTE TANK CARS TO ENSURE AT LEAST ONE CAR IS AVAILABLE.

Milestone No.: Milestone Seq: 2320-00-0315 TPA MS NO.: NONE
Title: SUBMIT WDS FIVE YEAR PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: T
5/01/1998 5/01/1998 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DOE REQUIRES FIVE YEAR PLANNING.

Milestone No.: Milestone Seq: 2320-00-0160 TPA MS NO.: NONE
Title: COMPLETE FY 99 TREATMENT FORECAST
Planning Date Target Date Decrement Date Level: FO Keyword: T
6/30/1998 6/30/1998 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE 5820
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
REQUIRES THE COMPLETION OF THE WDS FY99 DETAILED WASTE EQUIPMENT FORECAST, TO ASSIST HANFORD SITE PROGRAMS IN WASTE FORECASTING, PLANNING, HANDLING, AND SHIPPING.

Milestone No.: Milestone Seq: 2320-00-0320 TPA MS NO.: NONE
Title: SUBMIT WDS MULTI-YEAR PROGRAM PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: T
8/31/1998 8/31/1998 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DOE REQUIRES THE MULTI-YEAR PROGRAM PLAN.

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Milestone No.: Milestone Seq: 2320-00-0165 TPA MS NO.: NONE

Title: COMPLETE UPDATE OF OUTYEAR TREATMENT FORECAST

Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1998 9/30/1998 PTS: Y SMS: Y

Driver Name: DOE Driver Reference: DOE 5820

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

THIS MILESTONE INCLUDES THE DEVELOPMENT OF A COMPREHENSIVE LONG RANGE FORECAST SPECIFYING THE DECONTAMINATION TREATMENT REQUIREMENTS AT THE HANFORD SITE.

Milestone No.: Milestone Seq: 2320-00-0225 TPA MS NO.: NONE

Title: TREAT UP TO 1,000 FT3 OF LOW LEVEL WASTE FOR DISPOSAL

Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1998 9/30/1998 PTS: Y SMS: Y

Driver Name: ST Driver Reference: WAC 173-303, 307

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

DOCUMENTS COMPLETION OF MINIMUM OPERATIONAL ACTIVITIES AT THE T PLANT FACILITIES.

Milestone No.: Milestone Seq: 2320-00-0230 TPA MS NO.: NONE

Title: TREAT UP TO 1,000 FT3 OF HIGH RADIATION WASTE FOR DISPOSAL

Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1998 9/30/1998 PTS: Y SMS: Y

Driver Name: ST Driver Reference: WAC 173-303, 307

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

DOCUMENTS COMPLETION OF MINIMUM OPERATIONAL ACTIVITIES AT THE T PLANT FACILITIES.

Milestone No.: Milestone Seq: 2320-00-0270 TPA MS NO.: NONE

Title: PERFORM CERTIFICATIONS NEEDED TO ENSURE ONE LWTC IS AVAILABLE

Planning Date Target Date Decrement Date Level: FO Keyword: S
9/30/1998 9/30/1998 PTS: Y SMS: Y

Driver Name: ST Driver Reference: WAC 173-303, DOT (EQUIV)

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

PERFORM ANNUAL INSPECTIONS OF THE LIQUID WASTE TANK CARS TO ENSURE AT LEAST ONE CAR IS AVAILABLE.

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Milestone No.: Milestone Seq: 2320-00-0325 TPA MS NO.: NONE
Title: SUMBIT WDS FIVE YEAR PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: T
5/01/1999 5/01/1999 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DOE REQUIRES FIVE YEAR PLANNING.

Milestone No.: Milestone Seq: 2320-00-0170 TPA MS NO.: NONE
Title: COMPLETE FY 00 TREATMENT FORECAST
Planning Date Target Date Decrement Date Level: FO Keyword: T
6/30/1999 6/30/1999 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE 5820
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
REQUIRES THE COMPLETION OF THE WDS FY00 DETAILED WASTE EQUIPMENT FORECAST, TO ASSIST HANFORD SITE PROGRAMS IN WASTE FORECASTING, PLANNING, HANDLING, AND SHIPPING.

Milestone No.: Milestone Seq: 2320-00-0330 TPA MS NO.: NONE
Title: SUBMIT WDS MULTI-YEAR PROGRAM PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: T
8/31/1999 8/31/1999 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DOE REQUIRES THE MULTI-YEAR PROGRAM PLAN.

Milestone No.: Milestone Seq: 2320-00-0175 TPA MS NO.: NONE
Title: COMPLETE UPDATE OF OUTYEAR TREATMENT FORECAST
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1999 9/30/1999 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE 5820
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THIS MILESTONE INCLUDES THE DEVELOPMENT OF A COMPREHENSIVE LONG RANGE FORECAST SPECIFYING THE DECONTAMINATION TREATMENT REQUIREMENTS AT THE HANFORD SITE.

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Milestone No.: Milestone Seq: 2320-00-0235 TPA MS NO.: NONE
Title: TREAT UP TO 1,000 FT3 OF LOW LEVEL WASTE FOR DISPOSAL
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1999 9/30/1999 PTS: Y SMS: Y
Driver Name: ST Driver Reference: WAC 173-303, 307
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DOCUMENTS COMPLETION OF MINIMUM ACTIVITIES AT THE T PLANT FACILITIES. THESE
ACTIVITIES ARE NOT FUNDED IN THE DECREMENT CASE.

Milestone No.: Milestone Seq: 2320-00-0240 TPA MS NO.: NONE
Title: TREAT UP TO 1000 FT3 OF HIGH RADIATION WASTE FOR DISPOSAL
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1999 9/30/1999 PTS: Y SMS: Y
Driver Name: ST Driver Reference: WAC 173-303, 307
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DOCUMENTS COMPLETION OF MINIMUM OPERATIONAL ACTIVITIES AT THE T PLANT FACILITIES.

Milestone No.: Milestone Seq: 2320-00-0275 TPA MS NO.: NONE
Title: PERFORM CERTIFICATIONS NEEDED TO ENSURE ONE LWTC IS AVAILABLE
Planning Date Target Date Decrement Date Level: FO Keyword: S
9/30/1999 9/30/1999 PTS: Y SMS: Y
Driver Name: ST Driver Reference: WAC 173-303, DOT (EQUIV)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
PERFORM ANNUAL INSPECTIONS OF THE LIQUID WASTE TANK CARS TO ENSURE AT LEAST ONE CAR
IS AVAILABLE.

Milestone No.: Milestone Seq: 2320-00-0335 TPA MS NO.: NONE
Title: SUBMIT WDS FIVE YEAR PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: T
5/01/2000 5/01/2000 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DOE REQUIRES FIVE YEAR PLANNING.

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Milestone No.: Milestone Seq: 2320-00-0180 TPA MS NO.: NONE
Title: COMPLETE FY 01 TREATMENT FORECAST
Planning Date Target Date Decrement Date Level: FO Keyword: T
6/30/2000 6/30/2000 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE 5820
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
REQUIRES THE COMPLETION OF THE WDS FY01 DETAILED WASTE EQUIPMENT FORECAST, TO ASSIST HANFORD SITE PROGRAMS IN WASTE FORECASTING, PLANNING, HANDLING, AND SHIPPING.

Milestone No.: Milestone Seq: 2320-00-0340 TPA MS NO.: NONE
Title: SUBMIT WDS MULTI-YEAR PROGRAM PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: T
8/31/2000 8/31/2000 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DOE REQUIRES THE MULTI-YEAR PROGRAM PLAN.

Milestone No.: Milestone Seq: 2320-00-0185 TPA MS NO.: NONE
Title: COMPLETE UPDATE OF OUTYEAR TREATMENT FORECAST
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/2000 9/30/2000 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE 5820
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THIS MILESTONE INCLUDES THE DEVELOPMENT OF A COMPREHENSIVE LONG RANGE FORECAST SPECIFYING THE DECONTAMINATION TREATMENT REQUIREMENTS AT THE HANFORD SITE.

Milestone No.: Milestone Seq: 2320-00-0245 TPA MS NO.: NONE
Title: TREAT UP TO 1000 FT3 OF LOW-LEVEL WASTE FOR DISPOSAL
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/2000 9/30/2000 PTS: Y SMS: Y
Driver Name: ST Driver Reference: WAC 173-303, 307
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DOCUMENTS COMPLETION OF MINIMUM OPERATIONAL ACTIVITIES AT THE T PLANT FACILITIES.

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Milestone No.: Milestone Seq: 2320-00-0250 TPA MS NO.: NONE
Title: TREAT UP TO 1,000 FT3 OF HIGH RADIATION WASTE FOR DISPOSAL
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/2000 9/30/2000 PTS: Y SMS: Y
Driver Name: ST Driver Reference: WAC 173-303, 307
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
DOCUMENTS COMPLETION OF MINIMUM OPERATIONAL ACTIVITIES AT THE T PLANT FACILITIES.

Milestone No.: Milestone Seq: 2320-00-0280 TPA MS NO.: NONE
Title: PERFORM CERTIFICATIONS NEEDED TO ENSURE ONE LWTC IS AVAILABLE
Planning Date Target Date Decrement Date Level: FO Keyword: S
9/30/2000 9/30/2000 PTS: Y SMS: Y
Driver Name: ST Driver Reference: WAC 173-303, DOT (EQUIV)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
PERFORM ANNUAL INSPECTIONS AND CERTIFICATIONS OF THE LIQUID WASTE TANK CARS TO ENSURE AT LEAST ONE CAR IS AVAILABLE.

NARRATIVE

LAST UPDATE: 04-24-1994 TIME: 11:10:44

Technical Scope Summary(Limit 15 line or less):

Waste & Decontamination Services (WDS) provides essential services supporting the Hanford site cleanup. WDS will primarily support Tank Waste Remediation Systems by decontaminating Long Length Equipment removed from tank farms, as required in support of Tri-Party Agreement milestone M-45 'Complete Closure of All Single Shell Tank Farms'. Services include: - Decontamination, volume and size reduction, interim storage, and packaging services for hazardous, radioactive, and radioactive mixed waste. - Decontamination and repair of re-useable equipment. - Waste characterization, sampling, and repackaging for disposition. - Liquid Waste Tank Car (LWTC) maintenance and certification. - Fabrication and maintenance of site environmental constant air monitors. - Storage for 72 irradiated Shippingport Pressurized Water Reactor (PWR) Core II spent nuclear fuel elements.

Technical Scope Detail(Limit 104 lines or less):

WDS SAFETY ASSURANCE (AA)--Ensure minimum safe status of the T Plant facilities for the protection of site personnel, the public, and the

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environment. This is accomplished by providing fully trained and competent personnel, administrative and quality controls over all plant operations, and procedure and drawing development. Additionally, engineering support is provided for projects, including the C-077 Ventilation (see ADS 2320-1 for detail), the W-259 Secondary Containment and Leak Detection (see ADS 2320-2) Electrical, and Control Room Upgrades to address safety and compliance problems and to provide planning for facility upgrades to assure readiness for the long term mission. This subactivity supports monitoring and operation of the Shippingport PWR Core II Fuel Pool.

T PLANT MAINTENANCE AND ASSESSMENTS (AB)--Perform preventive maintenance and essential repairs to ensure facility, personnel, and public safety. Provide environmental engineering and compliance support in repackaging, treatment, repair, receiving and shipping of waste and equipment. Provide permitting activities, including Part A and Part B Permit applications, which allow T Plant to function as a treatment, storage, and disposal (TSD) facility as required by Tri-Party Agreement milestone M-20. Support for necessary utilities, including steam, electricity, water, laundry, masks and activities to dispose of wastes is also provided. Tri-party Agreement milestones M-17-41 and M-17-42, calling for the cessation of all liquid discharges to the 216-T-4-2 and 216-T-1 ditches will be completed. Support for the development of plans to remove the spent fuel from the PWR pool, listed as a vulnerability concern, as well as capital funding support for procurement of a dry storage cask is included in this subactivity. LIQUID WASTE TRANSFERS (AC)--Provide support for the maintenance, decontamination, certification, and repair of the Hanford Site's Liquid Waste Tank Cars (LWTCs). LWTCs are the primary liquid transfer system for T Plant; the 300 area labs, assisting in the meeting of Tri-Party Agreement milestone M-44 requirements; and FFTF. They also serve as backup for other Hanford Site facilities in the event the site piping system fails. LIQUID WASTE COMPLIANCE (AD)--Tank and piping systems used to store and transfer dangerous or hazardous waste are required under law to have secondary containment and leak detection systems. As part of the Part A interim permitting agreement with Ecology, T Plant will upgrade tank and piping systems as scheduled by Tri-Party Agreement milestone M-32-03 'Complete T Plant Tank Actions' and the six related Target milestones. This subactivity provides engineering support for predesign and permitting activities for this project (W-259). Further activities related to this project are found in ADS 2320-02. In order to best ensure safe liquid transfers the two liquid waste tank cars (LWTCs) currently in service will be replaced. The old LWTCs have a buildup of radioactive sludge in the heels (the liquid remaining in the tank after pump-out) that poses an exposure risk to personnel. The heels are also known to contain fissile material. This subactivity provides for procurement of two new LWTCs, which will be provided with secondary containment systems to ensure safety and DOT (equivalent) compliance, and with improved liquid level measurement and sludge removal systems.

DECONTAMINATION/REPAIR DIRECT SERVICES (AE)--WDS provides waste characterization, treatment, temporary storage, and packaging services for the Hanford site. Additionally, decontamination and repair services will

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be provided for re-useable equipment. The majority of the waste to be treated at T Plant will be metallic waste from Tank Farms, in support of their Tri-Party Agreement milestone M-45 'Complete Closure of All Single Shell Tank Farms'. T Plant will be uniquely capable of handling long length contaminated equipment (LLCE) including pumps, heat exchangers, air lances, and instrument trees to be removed from Tank Farms. Treatment activities will involve size reduction of the equipment and decontamination to reduce the volume of the hazardous component of the waste as much as possible as required by State and Federal law, and to size the waste to fit into burial containers. Treated waste will then be properly packaged for shipment to a disposal site or released to the environment as appropriate.

APPLIED TECHNOLOGY & EQUIPMENT (AI)--WDS is committed to maximizing waste volume reduction while minimizing secondary waste generation. The purchase of essential equipment including an ice pellet blasters, used to remove fixed contamination, chemical decontamination systems, secondary waste treatment equipment, storage units, and containment units will be funded. Limited funding in the target case has delayed or canceled purchase of items including remote handling equipment, CO2 blaster, and a laser cutter, needed to support TWRS in meeting their M-45 milestone. PROCESS PLANNING (AJ)--Tri-Party Agreement milestone M-33 requires planning or upgrade or replacement of facilities. A special transfer port for allowing long length contaminated equipment (LLCE) to be brought into T Plant is being designed (Project W-372). This will facilitate meeting of Tank Farms' Tri-Party Agreement milestone M-45 'Complete Closure of All Single Shell Tank Farms' by providing a means of bringing LLCE into the canyon for treatment and disposal. Not funded in the target case are planning activities, required by M-33, involving specific upgrades to T Plant if it is to be used as the long term site decontamination facility, or replacement of T Plant (Project W-354) if recommended by the Long Term Decontamination Engineering Study. Facility upgrade workscope beyond the planning stages transfers to ADS 2340-00.

IRU (AK) This subactivity funds completion of the design, procurement, and the operation of a mobile Inspection/Repackaging Unit (IRU), to aid in repackaging waste drums and boxes for storage or disposal.

T PLANT HEAD END CLEANUP (CA)--Provides the planning for and removal of miscellaneous low level waste, excess chemicals, and abandoned process equipment that is not under Liquid Metal Reactor Programs responsibility. Items left in the head end pose an industrial safety/health concern for T Plant personnel.

LEGACY WASTE CLEANUP (CB)--Continue disposition of waste and obsolete equipment accumulated from former production and storage activities. A large amount of this waste, including an obsolete sand filter once used to filter T Plant exhaust air, is in and around the T Plant complex. RAILCAR DISPOSITION (CD)--Provides for disposition of an unused flatcar at T Plant and for the two existing LWTCs after they are replaced. POLLUTION PREVENTION (PP)--Provides for minimization of unnecessary waste in the T Plant decontamination/repair processes.

NARRATIVE Continued

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~~NARRATIVE Continued~~

Act. Comp. to Date/Current Year (FY 1994) Desc. (Limit 52 lines or less):

During FY94 support will be provided to maintain minimum safe status of the WDS facilities while continuing implementation of safety, health, and environmental improvements and facility personnel training. Over 15,000 square feet of radiological zone reduction was completed in FY93. The T Plant Maintenance Shop will be reduced from radiologically controlled status in FY94. An airborne asbestos sampling program was implemented in FY93 and is continuing, thus far with negative results. The C-151 Liquid Waste Transfer Line, which replaced a fire hose transfer system, was installed.

The men's change room was completed in FY93. The 221-T tunnel change room was completed 12/93. The women's change trailer will be replaced in FY94. In FY94 the plan for 291-T sand filter stabilization will be completed as well as the stabilization. Testing of Shippingport PWR Core II pool chiller and a safety evaluation of storage pool configuration options (wet or dry storage, chiller or no chiller) will be completed. The three-dimensional inelastic analysis of the 296-T roof exhaustor support beam will be completed.

The Operational Readiness Review (ORR) for low-level decontamination operations at the 2706-T facility was completed in FY93. Full operation has resumed since the RL Operational Readiness Evaluation approval in 02/94. Repackaging of Tank Farm's 201 unknown drums and of 58 unknown boxes has been completed. The next phase of repackaging activities will focus on approximately 1400 Tank Farms' debris drums and 200 boxes.

The RCRA Part A Application interim status permit, allowing waste treatment and storage at the T Plant complex was approved by Ecology in FY93. Ecology stipulated that the six target milestones contained in M-32-03 to 'Complete T Plant Tank Interim Status Actions' due 09/99, must be completed as scheduled or interim status would be revoked. Five of these milestones are due in FY94. Activities continue in the Part B permit application process.

Cleanup activities recommended in the draft Canyon Cleanout Plan will continue. First priority will be placed on cleaning out the backlog of Tank Farm/PUREX/B Plant failed equipment in the canyon, which will reduce radiation levels in the canyon.

In FY94 a contract will be awarded for the manufacture of the two new LWTCs, allowing materials procurement to begin. Design review and fabrication will follow.

A draft of the Long Term Decontamination Engineering Study will be submitted to RL 04/94. This study will determine the viability of T Plant and other alternatives for the long term decontamination mission. Conceptual Design Reports (CDRs) were initiated for the FY96 candidate line items (LI) 221-T Ventilation Upgrade (C-077), and T Plant Secondary Containment and Leak Detection Upgrades (W-259). The CDRs will be completed in FY94. Additionally, CDR for the C-157 Electrical upgrades and the Functional Design Criteria (FDC) for the C-159 Control Room project will be finished in FY94.

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NARRATIVE Continued

Budget Year (FY 1995) Description(Limit 52 lines or less):

- Support will be provided to maintain minimum safe status of the WDS facilities while continuing graded implementation of safety, health, and environmental improvements, maintenance and facility training. - Radiological area reduction of the facility will continue. Reduction of the maintenance backlog will continue.
- The option recommended by the safety evaluation done in FY94 on Shippingport PWR Core II fuel storage pool configuration will be incorporated into a 'Plan of Action' in FY95.
- The C-157 Electrical Upgrade will be completed. Process-related safety training improvements and certifications, and procedure review and revisions will be implemented.
- Discharges to the 216-T-4-2 and 216-T-1 ditches will be discontinued to meet Tri-Party Agreement milestones M-17-41 and M-17-42, respectively. - Part B permitting preparation will continue in accordance with Tri-Party -- Agreement milestone M-20-51, due in FY96.
- Update and revision of the T Plant Safety Analysis Report will continue.
- The new LWTCs will be built and delivered to WDS for inspection and acceptance. Upon approval of the Safety Analysis Report for Packaging (SARP) the new LWTCs will be placed in service.
- Procedures and drawings to ensure safety and regulatory compliance for waste treatment in the 221-T canyon will be completed.
- Hanford site support for radioactive, hazardous, and mixed waste contaminated equipment decontamination, testing, repair and disposal services will be provided in support of the Debris Rule and other environmental regulations. Interim storage also will be provided for low level contaminated equipment. New service requests through a prioritized work control process will continue.
- The cleanup of the stored PUREX process equipment in the 221-T canyon will be initiated and cleanup of the 221-T canyon will continue. This will be accomplished in several stages. Equipment and debris will be removed from the canyon deck and disposed of appropriately. Cells needed for the Secondary Containment and Leak Detection Upgrades, Project W-259, will be cleaned by FY97, and the remaining cells will be cleaned up, four at a time, as funding becomes available in the outyears.
- The construction of the Long Length Waste Item Transfer Port Addition (Project W-372) will begin. Located at the south end of the 221-T canyon, this port will allow long-length contaminated waste equipment to be brought into the canyon for treatment.

(Based on an assessment of required workscope and projected outyear funding levels, the workscope identified by WDS's ADSs (2320-00, -01, -02) assume a redistribution of Richland's FY 1995 Congressional Budget request. The reduction from the President's budget is \$6,929,000 resulting in a new FY 1995 target case total of \$33,169,000. These adjustments may require a FY 1995 budget amendment.)

Planning Year (FY 1996) Description(Limit 156 lines or less):

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~~NARRATIVE Continued~~

Support will be provided for minimum safe status of the WDS facilities while continuing graded implementation of safety, health, and environmental improvements and facility training.

Facility maintenance will continue to maintain a safe, compliant operation of the T Plant complex. Radiological area reduction of the facility will be continued. Reduction of the maintenance backlog will continue.

The T Plant Control Room project, which will provide a centralized control center for T Plant operations, will be completed in Fiscal Year 1996.

Emphasis will continue on interim status/TSD compliance issues and on permitting activities. The Part B Permit application will be submitted to EPA and Ecology per Tri-Party Agreement milestone M-20-51 'Submit T Plant Complex Part B Permit Application to Ecology and EPA'.

The construction of the Long Length Waste Item Transfer Port Addition (Project W-372), located at the south end of the 221-T canyon allowing long-length contaminated waste equipment (from Tank Farms and others) access to the canyon will be completed. Subsequently, the purchase of best available technology decontamination process equipment, including an ice blaster, chemical decontamination systems, and secondary waste treatment equipment, is necessary to support the treatment of Tank Farms long-length waste equipment which will be shipped from Tank Farms to T Plant for treatment beginning 12/95.

Waste treatment support for the Hanford Site will continue for radioactive, hazardous, and mixed waste and contaminated equipment. The cleanup of the stored PUREX process equipment in the 221-T canyon and of the 221-T canyon itself will continue. Training improvements, operator certifications and procedure review and revision will continue, as will long-term program planning, customer development and tracking, and cognitive and process engineering.

Continual facility upgrade/enhancement is expected via the procurement, installation, and use of best available technology decontamination equipment, including containment systems and hazardous material storage units. New equipment evaluation and procurement will proceed as needed and as funded.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

Support will continue to be provided for maintaining T Plant in a safe, operational condition in outyears FY97-FY00.

The maintenance backlog will be managed through a graded implementation of the Maintenance Implementation Plan. Emphasis will continue on interim status/TSD compliance issues. Part B Permit application Ecology concerns will be addressed and negotiations will continue to ensure issuance of a

~~NARRATIVE Continued~~

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Part B Permit.

WDS will continue the treatment phase of the Tank Farms LLCE removal project, performing activities such as waste size and volume reduction, hazardous material immobilization, and decontamination. Full waste treatment services will be provided to all Hanford site customers. Processing of service requests through a prioritized work control process will continue.

Procurement of associated high technology decontamination equipment will be addressed as needed (when funding is available) to support waste minimization efforts during the Hanford site cleanup mission. Operation of the IRU will commence in FY 1998.

--IMPACTS AND ASSUMPTIONS BY CASE--

--PLANNING CASE-- In addition to the target workscope identified below, planning case funding would provide: 1) Asbestos abatement in T Plant's office building in FY 1995. 2) Accelerate correction of more than 140 Waste Remediation Commitment Tracking and QUEST items. 3) Increase staffing to support training and operational safety. 4) Accelerate reduction of more than 350 maintenance backlog items. 5) Provide budget reserve for potential increases in utilities, waste volume/disposal rates and rail fees. 6) Accelerate cleanout of the T Plant canyon and decontaminate/repair more items for the site. 7) Procure all equipment needed for decontamination and waste reduction/minimization activities in optimal early fiscal years. 8) Fully fund Project W-372, Long Length Contaminated Equipment (LLCE) Waste Item Transfer Port Addition, by adding back the productivity commitment. 9) Initiate the removal of spent nuclear fuel from T Plant in FY 1995, instead of in FY 1997. 10) Begin disposition of an unused wooden flat car and two rail tank cars once they are replaced by new cars in FY 1995 instead of in FY 1998. 11) Provide decontamination process planning through fiscal years 1995-2000. 12) Start operation of the Inspection Repackaging Unit in FY 1995, instead of FY 1998. 13) Continue cleanup of legacy waste in FY 1995, which includes miscellaneous low-level waste around the T Plant complex, and the stabilization of an outside area between T Plant and the 224-T building. 14) Cleanup and upgrade of the T Plant head end in FY 1995 instead of FY 1998. 15) Implement pollution prevention and waste minimization opportunities in fiscal years 1996-2000.

--PRODUCTIVITY COMMITMENT-- In an effort to enhance cost efficiencies, this ADS reflects a productivity commitment which achieves the same workscope at a lower unit rate, or the application of more efficient processes, or through cost avoidance. WDS's productivity commitment was distributed across the board at the subactivity level.

--TARGET CASE-- The following subactivities are funded in the target case: WDS Safety Assurance, T Plant Maintenance & Assessments, Liquid

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Waste Transfers, Decontamination/Repair Direct Services, and Project W-372 for the port addition. (However, target funding for these subactivities does not allow for any increases in utilities, waste volume/disposal rates and rail fees.) These subactivities cover WDS's TPA milestones (M-17-41, M-17-42, M-20-51 & M-32-03, M-32-03 is primarily covered by ADS 2320-02) as well as WDS's support of Tank Farms' TPA milestones (M-44 & M-45). Limited funding is available for Applied Technology & Equipment. The limited funding available for decontamination and waste minimization equipment adversely impacts WDS by not enabling the purchase of more equipment in the optimal fiscal years 1995 and 1996 when high-radiation decontamination/repair services are initiated. Significantly lacking is \$1M for size reduction equipment in FY96.

Impacts/Assumptions(Limit 42 lines or less):

--DECREMENT CASE-- (FY 1996) WDS will be unable to provide decontamination/repair services and to fund Project W-372 for the LLCE port addition. Treatment services are essential to Tank Farms, Well Drilling & Monitoring, Decontamination & Decommissioning, and Fleet Maintenance. The treatment of solid waste is compliance driven by WAC 173-303, -307, which ensure the volumetric reduction of solid waste that is disposed of by facilities, 57 FR 37194, which designates as 'waste', nonrepairable/nonreusable equipment that has come into contact with hazardous waste and requires the cleaning of exposed surfaces; and ALARA, to be consistent with waste minimization and reduction. The LLCE port is required to allow oversized equipment from the Hanford site entry into T Plant's canyon for treatment or repair. The LLCE port also supports Tank Farm's TPA milestone M-45 by providing for the treatment of Tank Farm's LLCE waste, which will be shipped to T Plant beginning in 12/95.

--ASSUMPTIONS--

- WDS will continue to correct safety and compliance deficiencies, on a graded approach, and this approach will be acceptable to the regulators. - Mid-year funding will be received by WDS as approved by WHC and RL during 94 Fiscal Year Work Plan (FYWP) Phase III development. - Liquid waste storage and transfers will continue to use the existing tanks, piping system, and LWTCs, until Secondary Containment and Leak Detection Upgrades are completed and new LWTCs are operational. - The treatment of waste/equipment is a significant part of the overall Hanford site mission of environmental remediation (Tri-Party Agreement milestone M-45) and includes Best Available Technology (BAT) implementation for waste volume reduction, minimization and treatment.
- To support treatment of Tank Farms' long-length equipment waste (Tri-Party Agreement milestone M-45), the design and installation of a transfer port for T Plant's canyon will continue (Project W-372). In FY94, Tank Farms will provide \$1.8M General Plant Project funding for this transfer port.
- In the event the Long Term Decontamination Engineering Study recommends construction of a new long term site decontamination facility, T Plant will

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continue to function as the interim facility until the replacement facility is fully operational.

Supporting Documents(Limit 5 lines or less):

Task Description Documents for ADSs 2320-00, 2320-01, 2320-02 & 2340-00;
RPM Reports; WDS 1994 Fiscal Year Work Plan Phase III, dated December 6,
1993; WDS Building Blocks; WDS 1994 Multi-Year Program Plan Phase II;
Short Form Data Sheets and other documentation for C-077, W-259, and W-354;
List of TPA Milestones.

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

~~DESCRIPTION OF REGULATORY DRIVERS~~

DOE:

NUMEROUS ORDERS GOVERN FINANCIAL AND BUDGET MANAGEMENT, PLANNING, CONDUCT OF OPERATIONS, MAINTENANCE, PERSONNEL TRAINING, INDUSTRIAL AND RADIOLOGICAL SAFETY, ENVIRONMENTAL PROTECTION, FACILITY DESIGN, AND REQUIRE COMPLIANCE WITH STATE/FED LAWS.

FED:

57 FR 37194: "DEBRIS RULE" DESIGNATES AS WASTE NONREPAIRABLE/NONREUSABLE EQUIPMENT (TANK FARMS, WELL DRILLING/MONITORING, FLEET MAINTENANCE, D&D, ect) THAT HAS COME INTO CONTACT WITH HAZARDOUS WASTE, REQUIRING CLEANING OF EXPOSED SURFACES.

~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

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DESCRIPTION OF REGULATORY DRIVERS Continued

IAG:

TPA M-33 ESTABLISHES MILESTONES FOR NEW FACILITIES & MODIFICATIONS FOR SOLID MATERIALS STORAGE AND PROCESSING. ADDRESSES PROCESSING NEEDS FOR CONTAMINATED PROCESSING EQUIPMENT AND RADIOACTIVE/HAZARDOUS SOLID WASTES.

NEPA R:

5440.1E: REQUIRES ENVIRONMENTAL IMPACT EVALUATION OF ALL ACTIVITIES AT T PLANT.

ORD:

M-44 DOUBLE & SINGLE SHELL TANK CHARACTERIZATION AND M-45 COMPLETE CLOSURE OF SINGLE SHELL TANK (SST) FARMS: COMPLIANCE DICTATES RESULTING TANK FARM LONG LENGTH EQUIPMENT BE TREATED. RAILCARS NEEDED TO SUPPORT PNL SST CORE SAMPLING PROGRAM.

OSHA:

29 CFR 1910 OCCUPATIONAL SAFETY & HEALTH STANDARDS DIRECT WASTE & DECON FACILITIES BE OPERATED AND MAINTAINED IN MANNER CONDUCIVE TO A SAFE AND HEALTHFUL PROTECTIVE ENVIRONMENT FOR EMPLOYEES.

DESCRIPTION OF REGULATORY DRIVERS Continued

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OTHER1:

10 CFR 835 OCCUPATIONAL RADIATION PROTECTION (ALARA): DESCRIBES STANDARDS OF RADIATION EXPOSURE AND PROTECTION FOR PERSONNEL.

OTHER2:

EXECUTIVE ORDER 12856 FEDERAL COMPLIANCE WITH RIGHT-TO-KNOW LAWS AND POLLUTION PREVENTION REQUIREMENTS: STATES FEDERAL AGENCIES ARE REQUIRED TO IDENTIFY, REQUEST, ALLOCATE, AND REPORT FUNDING FOR WASTE MINIMIZATION AND POLLUTION PREVENTION ACTIVITIES.

RCRA:

40 CFR 264: DEFINES THE RELATED STANDARDS AND PERMIT PROCESS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL (TSD) FACILITIES.

ST:

WAC 173-303, -307: RELATES TO GENERATION, MINIMIZATION, TREATMENT, STORAGE & DISPOSAL OF WASTE, SPECIFICALLY OPERATION, MAINTENANCE, PERSONNEL PROTECTION & MANDATES COMPLIANCE BY SITE FACILITIES TO REDUCE (TREAT) VOLUME OF SOLID WASTE FOR DISPOSAL.

~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

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~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

TRI:

TPAs M-32: REQUIRES UPGRADE OF T PLANT TANK SYSTEM TO MEET SECONDARY
CONTAINMENT, LEAK DETECTION, MONITORING, & WASTE MINIMIZATION. M-20
REQUIRES FILING PART B RCRA TSD PERMIT. M-17 REQUIRES CESSATION OF LIQUID
DISCHARGES TO THE SOIL COLUMN.

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DESCRIPTION OF REGULATORY DRIVER CONDITIONS

TYPE N-11 - REQUIRES UPGRADE OF T PLANT TANK SYSTEM TO MEET SECONDARY
CONTAINMENT LEAK DETECTION MONITORING & WASTE MINIMIZATION N-10
REQUIRES FILING PART B RCRA 120 PERMIT. N-11 REQUIRES CLOSURE OF LEAKS
DISCHARGES TO THE SOIL COLUMN

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Operations Office: RL ID No.: 2320- 1 Revision Date: 4/22/1994
 ADS Title: T PLANT VENTILATION UPGRADE, PROJECT C-077
 WBS No.: 1.3.7.3.6 Category: WM Appr.:
 Project Title: WASTE AND DECONTAMINATIO Facility/WAG: T PLANT
 Installation: HANFORD CID: RL10930 ZOVHD: 18
 For Line Item Project: 96L-EWC-077 TPC: 45000 TEC: 41800
 Contig: 6200
 CNTR Manager: MCCARTHY, MM Phone: 509-376-1589
 O.O. Manager: GUERCIA, RF Phone: 509-376-5494
 H.Q. Manager: BODA, JO Phone: 301-903-7123
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: Y
 DOE: Y IAG: N OSHA: Y ORD: N ST : Y TRI : N FED : Y FFCA: N
 OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		DECREMENT	FY96 DRIVER TARGET	CATEGORY PLAN	IMM RISK
OE	0	0		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	240	240	2,236	0
LI	0	0		D	0	0	0	0
				E	0	0	0	0
TOTAL	0	0		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	240	240	2,236	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	240
CE	0
GPP	0
LI	0
TOTAL	240

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TARGET LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	240	794	200	1,002	1,014
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	2,100	8,345	7,166	8,813
TOTAL	240	2,894	8,545	8,168	9,826

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	2	7	2	9	9
Indirect	2	5	1	7	7
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	236	198	200	1,006	1,014
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	2,000	8,800	8,800	10,000	11,000
TOTAL	2,236	8,998	9,000	11,006	12,014

FTEs	FY94	FY95
Direct	0	2
Indirect	0	2
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	2	2	2	9	9
Indirect	1	1	1	7	7
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY					
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK		
TITLE: T Plant Ventilation Upgrade, Pro											
APPROP: D											
					A	0	0	0	0		
					B	0	0	0	0		
B&R	FY94	APPR	FY95	PRES	FY95	APPR	C	240	240	2,236	0
							D	0	0	0	0
EW3130020		0		0			E	0	0	0	0
35EW31302		0		0			F	0	0	0	0
39EW31302		0		0			G	0	0	0	0
39EW31302		0		0			H	0	0	0	0
							I	0	0	0	0
TOTAL		0		0			TOTAL	240	240	2,236	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	240
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	240

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	240	794	200	1,002	1,014
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	2,100	8,345	7,166	8,813
TOTAL	240	2,894	8,545	8,168	9,826

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	236	198	200	1,006	1,014
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	2,000	8,800	8,800	10,000	11,000
TOTAL	2,236	8,998	9,000	11,006	12,014

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Al06 Cross References

Al06 Number: _____ Date: _____
Title: N/A
Federal Facility Identification: _____
Region: _____ Assessment: _____
Status: _____ Progress: _____

Tiger Team Cross References

Tiger Team Finding Number: N/A Date: _____
Title: _____

FY95-99 ADS Cross References

ADS #: RL 2340 0
Title: WASTE & DECONTAMINATION NEW FACILITIES PLANNING
Transferred in its entirety: N
Explanation of Change:
2320-1 IS IS A NEW ADS. FY 1996 AND BEYOND LINE ITEMS REQUIRED TO BE IN A SEPARATE ADS.

MILESTONES

Milestone No.: _____ Milestone Seq: 2320-01-0005 TPA MS NO.: NONE
Title: INITIATE DEFINITIVE DESIGN FOR T PLANT HVAC UPGRADE (C-077)
Planning Date Target Date Decrement Date Level: FO Keyword: T
1/31/1996 1/31/1997 1/31/1997 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE 6430.1A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:
THIS INITIATES THE DESIGN FOR T PLANT HVAC UPGRADES, SUPPORTING LINE ITEM TO CORRECT DEFICIENCIES AIR FLOW, DIFFERENTIAL PRESSURE REGULATION, AND TEMPERATURE CONTROL SYSTEMS.

Milestone No.: _____ Milestone Seq: 2320-01-0010 TPA MS NO.: NONE
Title: COMPLETE DEFINITIVE DESIGN FOR T PLANT HVAC UPGRADE (C-077)
Planning Date Target Date Decrement Date Level: FO Keyword: T
1/31/1998 1/31/1999 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE 6430.1A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:
THIS COMPLETES THE DESIGN FOR T PLANT HVAC UPGRADES, SUPPORTING LINE ITEM TO CORRECT DEFICIENCIES IN AIR FLOW, DIFFERENTIAL PRESSURE REGULATION, AND TEMPERATURE CONTROL SYSTEMS.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 2320-01-0015 TPA MS NO.: NONE
Title: INITIATE CONSTRUCTION OF T PLANT HVAC UPGRADE (C-077)
Planning Date Target Date Decrement Date Level: FO Keyword: T
1/31/1998 1/31/1999 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE 6430.1A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

THIS INITIATES THE CONSTRUCTION OF T PLANT HVAC UPGRADES, SUPPORTING LINE ITEM TO CORRECT DEFICIENCIES IN AIR FLOW, DIFFERENTIAL PRESSURE REGULATION, AND TEMPERATURE CONTROL SYSTEMS.

Milestone No.: Milestone Seq: 2320-01-0020 TPA MS NO.: NONE
Title: COMPLETE CONSTRUCTION OF HVAC UPGRADE (C-077)
Planning Date Target Date Decrement Date Level: FO Keyword: T
6/30/2000 6/30/2001 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE 6430.1A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

THIS COMPLETES THE CONSTRUCTION OF T PLANT HVAC UPGRADES, SUPPORTING LINE ITEM TO CORRECT DEFICIENCIES IN AIR FLOW, DIFFERENTIAL PRESSURE REGULATION, AND TEMPERATURE CONTROL SYSTEMS.

NARRATIVE

LAST UPDATE: 04-24-1994 TIME: 11:47:28

Technical Scope Summary(Limit 15 line or less):

This ADS supports the Line Item (LI), '221-T Ventilation Upgrade Project C-077'. This project will provide essential ALARA, safety, and efficiency improvements for T Plant Canyon workers by ensuring a proper flow path for potentially contaminated air, and proper temperature control in the canyon and galleries while maintaining and ensuring compliance with regulatory requirements for the protection of the environment and public from the release of radioactively contaminated material into the air.

Technical Scope Detail(Limit 104 lines or less):

The T Plant canyon area, originally designed to be unmanned, is now routinely entered for hands-on decontamination operations. Changes in building function and the deteriorating condition of original heating, ventilation, and air conditioning (HVAC) equipment, have created numerous ventilation and air flow deficiencies within T Plant. Similar deficiencies also exist with the gallery and head end HVAC systems.

The present ventilation system in the canyon creates a rapid, turbulent

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~~NARRATIVE Continued~~

flow characteristic which is not conducive to proper control of the airborne contamination that can be generated during decontamination and waste treatment operations. As documented in the 'T Plant Canyon Ventilation System Test Results', (SD-CP-TRP-032 REV 0), the existing HVAC system allows airflow to traverse the canyon at deck level and move up the Canyon walls. Uncorrected, this lateral/upward flow pattern will cause the spread of airborne contamination throughout the canyon and will, by proximity, increase the possibility of exposure and contamination of canyon workers. Numerous incidents have been documented in which the existing ventilation system has caused personnel contamination and the spread of contamination within the canyon. In accordance with various state regulations, DOE orders, and 10 CFR 835, 'Personnel Protection', the spread of contamination and exposure to workers must be minimized to ensure ALARA.

Personnel are required to wear multiple layers of protective clothing and respirators when entering the canyon. During summer months, temperatures in the canyon regularly exceed 85 degrees Fahrenheit, severely limiting the work duration and increasing the potential for skin contamination due to perspiration. Conversely, inadequate heating systems have created freezing conditions in the canyon during the winter. Respirator faceplates tend to fog in cold conditions, creating a serious safety hazard for personnel required to enter the canyon. DOE 6430.1A-1300-12, 'General Design Criteria-Human Factors Engineering', recognizes the value of proper ventilation and temperature control in the improvement of human performance, productivity, and safety.

It is essential to maintain a negative air pressure inside the T Plant canyon to ensure a known and monitored exhaust air flow path, in order to meet the requirements of WAC 173-400. With a negative pressure, any air leaks that exist in the building will be limited to the in-leakage of clean, outside air. The exhaust air follows a known path through High Efficiency Particulate Air (HEPA) filtration and radiation monitoring.

C-077 HVAC modifications will provide an engineered, downward air flow pattern that will exhaust through the canyon cells to the stack. The project will provide a centrally controlled supply and exhaust air system which will include exhaust HEPA filters, backdraft dampers on the supply system as required by DOE 6430.1A-1550-99.0.2, temperature control and monitoring, and control of building differential pressure to prevent accidental and unmonitored release of airborne radioactive material during normal and abnormal operating conditions. Provisions for attachment of special containment units within T Plant to the main ventilation system will be provided. Additionally, the electrical distribution system will be modified to supply the additional power required to support the loads provided by this project.

Modifications will also decrease infiltration of outside air into the canyon and improve control of canyon differential pressure by modifying the railroad tunnel door seal. An overhead door will also be installed to

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provide a fire barrier between the canyon and railroad tunnel to meet National Fire Protection Association requirements.

New air handling units (AHUs) will be provided in existing stairwells to supply air to the galleries. New exhaust fan assemblies will be installed to exhaust air from the galleries.

Planned modifications to improve habitability in the canyon and galleries will consist of installation of temperature control systems including evaporative coolers at the air intakes and electric strip heaters in the air ducting. As designed, canyon temperatures should not exceed 78 degrees Fahrenheit (25.6 degrees Celsius) in hot weather, nor fall below 60 degrees Fahrenheit (15.6 degrees Celsius) in cold weather.

During the long term Hanford site remediation, the full decontamination capabilities will be required. It is essential for T Plant's productivity to be as high as possible to meet projected solid metallic waste volumes (referred to as 'waste stream'). Annual projections of the number of long length contaminated equipment (LLCE) items from Tank Farms, documented in WHC-SD-WM-ES-283, Rev. B Section 3.0 'Solid Waste stream (Feed Stream) Analysis', and preliminary LLCE removal planning documents indicate full time availability of T Plant's canyon waste treatment services will be required. After the year 2000 the projected number of LLCE pieces escalates rapidly through the year 2017 to as many as three items per week, requiring full, year-round operation capabilities to meet the treatment demand. In addition, T Plant decontamination services will be utilized site-wide in the course of site cleanup activities. Decontaminatable metallic equipment will be removed from facilities across the site, including pumps, jumpers, heat exchangers, and other equipment, totaling over 350,000 cubic meters (WHC-SD-WM-ES-283 Rev. B).

Currently, canyon areas are not fully accessible for work when temperatures are very high or very low, because of short stay time limits. It is estimated the canyon is not fully available for as much as sixty days each in very hot or cold weather. Waste treatment estimates demand full time availability of the T Plant canyon to meet production needs. The ventilation system upgrades are essential to meeting the schedules necessary to address the volume of tank farms waste to be treated. The timely completion of TPA milestone M-45 'Complete Closure of All Single Shell Tanks' (9/30/24) may be negatively impacted if upgrades are not made.

Act. Comp. to Date/Current Year (FY 1994) Desc. (Limit 52 lines or less):

The engineering study and Functional Design Criteria (FDC) were completed. Key Decision-0 which authorizes the initiation of the Conceptual Design Report (CDR) was approved. The 'T PLANT CANYON VENTILATION TEST RESULTS' (SD-CP-TRP-032 REV 0) demonstrated contamination control in the 221-T Canyon is inadequate. During FY 1994, the (CDR) and National Environmental Policy Act (NEPA) documentation will be completed, and the project will be

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validated (this FY 1994 workscope is funded in ADS 2320-00-AA).

Budget Year (FY 1995) Description(Limit 52 lines or less):

This project is not funded in the FY 1995 target case.

Planning Year (FY 1996) Description(Limit 156 lines or less):

The Advanced Conceptual Design Report (ACDR) will be completed and the Line Item will be validated.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

Definitive design and preliminary safety analyses will be initiated in FY 1997, and definitive design, procurement, and safety analyses will continue through the remaining outyears. Project construction will start in FY 1999. Construction, operational test procedures, readiness review, and safety analyses will be completed in FY 2002.

Impacts/Assumptions(Limit 42 lines or less):

- PLANNING CASE: Start Project C-077, T Plant Ventilation Upgrade, in FY 1996 and complete in FY 2000.

- PRODUCTIVITY COMMITMENT: In an effort to enhance cost efficiencies, this ADS reflects a productivity commitment which achieves the same workscope at a lower unit rate, or the application of more efficient processes, or through cost avoidance.

- TARGET CASE: Delay Project C-077 by one year since target case funding in FY 1995 is not available. Start the ventilation upgrade design in FY 1996 and complete construction, testing, and have the system fully operational by FY 2002.

- DECREMENT CASE (FY 1996): No impact on the Target case. The Advanced Conceptual Design Report will be completed in FY 1996.

- TWRS's meeting of Tri-Party Agreement Milestone M-45 'Complete Closure of all Single Shell Tank Farms' is dependent, in part, on the availability of a facility to treat the solid, metallic component of the waste to be retrieved from the single shell tanks. At present, T Plant's operational capabilities during hot or cold weather are restricted because of temperature related stay times. Completion of the proposed C-077 modifications will significantly improve productivity, and will help to provide needed waste treatment to assist in the timely meeting of the milestone.

- It is assumed other T Plant projects, including the T Plant Stack Modifications, the Control Room Upgrade, Secondary Containment and Leak Detection Upgrade, and the Electrical Upgrade, will proceed as scheduled. -

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In the event T Plant is not adequate for the Hanford site's long term decontamination needs, it will continue to function as the site decontamination facility until a replacement facility is operational. Regardless of the status of operations at T Plant this line item is required for D&D.

Supporting Documents(Limit 5 lines or less):

FDC, CDR for T Plant HVAC; Task Description Documents for ADS's 2320-00 (AA) and 2320-01 (AA); RPM Reports; WDS Building Blocks; WDS 1994 Fiscal Year Work Plan; dated December 6, 1993; WDS 1994 Multi-Year Program Plan Phase II; SD-CP-TRP-032 REV 0 'T PLANT VENTILATION SYSTEM TEST RESULTS'; DOE 6430.1A; WHC Safety Manual; Draft of the LTDES.

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

~~DESCRIPTION OF REGULATORY DRIVERS~~

DOE:

ORDERS 6430.1A: CRITERIA FOR PLANT SYSTEMS DESIGN TO ENSURE EMPLOYEE, PUBLIC & ENVIRONMENTAL SAFETY AND PROTECTION (VENTILATION REQUIREMENTS).
5480.11: PERSONNEL RADIOLOGICAL STANDARDS 5480.1B: OCCUPATIONAL PROTECTION FOR PLANT EMPLOYEES

~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

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DESCRIPTION OF REGULATORY DRIVERS Continued

FED:

10 CFR 835 OCCUPATIONAL RADIATION PROTECTION (ALARA): PROVIDE STANDARDS FOR PERSONNEL RADIOLOGICAL PROTECTION AND DOSE TRACKING. 40 CFR 61: PROVIDES AIRBORNE CONTAMINANT EMISSION QUALITY STANDARDS AND EXPOSURE LIMITS.

NEPA R:

5440.1E: REQUIRES ENVIRONMENTAL IMPACT EVALUATION.

OSHA:

29 CFR 1910 OCCUPATIONAL SAFETY & HEALTH STANDARDS DIRECT WDS FACILITIES BE OPERATED AND MAINTAINED IN A MANNER CONDUCTIVE TO A SAFE AND HEALTHFUL PROTECTIVE ENVIRONMENT FOR THE FACILITIES' EMPLOYEES.

ST:

WAC 296-155: REQUIRES SAFE AND HEALTH PROTECTIVE FACILITY DESIGN, OPERATION, AND MAINTENANCE. WAC 173-400: PROVIDES AIRBORNE CONTAMINANT EMISSION QUALITY STANDARDS AND EXPOSURE LIMITS.

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Operations Office: RL ID No.: 2320- 2 Revision Date: 4/22/1994
 ADS Title: T PLANT SECONDARY CONTAINMENT & LEAK DETECTION, PROJECT W-259
 WBS No.: 1.3.7.3.6 Category: WM Appr.:
 Project Title: WASTE AND DECONTAMINATIO Facility/WAG: T PLANT
 Installation: HANFORD CID: RL10930 ZOVHD: 18
 For Line Item Project: 96L-EWW-259 TPC: 22000 TEC: 18600
 Contig: 3000
 CNTR Manager: MCCARTHY, MM Phone: 509-376-1589
 O.O. Manager: GUERCIA, RF Phone: 509-376-5494
 H.Q. Manager: BODA, JO Phone: 301-903-7123
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: Y 3004U: N TSCA: N CERCLA: N NEPA: Y
 DOE: Y IAG: N OSHA: N ORD: N ST : Y TRI : Y FED : Y FFCA: N
 OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		FY96 DRIVER CATEGORY			IMM RISK
					DECREMENT	TARGET	PLAN	
OE	0	270		A	2,320	2,320	2,400	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	0		D	0	0	0	0
				E	0	0	0	0
TOTAL	0	270		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	2,320	2,320	2,400	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	120
CE	0
GPP	0
LI	2,200
TOTAL	2,320

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	120	198	798	1,006	402
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	2,200	3,200	6,000	5,600	500
TOTAL	2,320	3,398	6,798	6,606	902

FTEs	FY94	FY95
Direct	0	3
Indirect	0	2
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	1	2	8	9	3
Indirect	1	1	6	7	2
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	200	198	798	1,006	402
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	2,200	3,400	6,100	5,600	1,300
TOTAL	2,400	3,598	6,898	6,606	1,702

FTEs	FY94	FY95
Direct	0	3
Indirect	0	2
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	2	2	8	9	3
Indirect	1	1	6	7	2
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: T Plant Sec Containment & Leak D									
APPROP: D									
					A	2,320	2,320	2,400	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130020	0	270			E	0	0	0	0
35EW31302	0	0			F	0	0	0	0
39EW31302	0	0			G	0	0	0	0
39EW31302	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	270			TOTAL	2,320	2,320	2,400	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	120
35EW31302	0
39EW31302	0
39EW31302	2,200
TOTAL	2,320

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	120	198	798	1,006	402
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	2,200	3,200	6,000	5,600	500
TOTAL	2,320	3,398	6,798	6,606	902

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	200	198	798	1,006	402
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	2,200	3,400	6,100	5,600	1,300
TOTAL	2,400	3,598	6,898	6,606	1,702

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A106 Cross References

A106 Number: W-259 Date:
Title: T Plant Secondary Containment & Leak Detection Upgrades
Federal Facility Identification: WA 890108967
Region: Assessment:
Status: Progress: OTHR

Tiger Team Cross References

Tiger Team Finding Number: N/A Date:
Title:

FY95-99 ADS Cross References

ADS #: RL 2340 0
Title: WASTE & DECONTAMINATION NEW FACILITIES PLANNING
Transferred in its entirety: N
Explanation of Change:
2320-2 IS A NEW ADS. FY 1996 AND BEYOND LINE ITEMS REQUIRED TO BE IN A SEPARATE ADS.

MILESTONES

Milestone No.: Milestone Seq: 2320-02-0005 TPA MS NO.: M-32-03
Title: INITIATE DEFINITIVE DESIGN FOR 2ND CONTAIN/LEAK DETECT (W-259)
Planning Date Target Date Decrement Date Level: FO Keyword: T
1/02/1996 1/02/1996 1/02/1996 PTS: Y SMS: Y
Driver Name: ST Driver Reference: WAC 173-303, 173-307
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
SUPPORTS DESIGN OF SECONDARY CONTAINMENT AND LEAK DETECTION MODIFICATIONS TO ENSURE RCRA AND WAC COMPLIANT TANK AND PIPING SYSTEMS FOR T PLANT. RELATED TO TPA #M-32-03.

Milestone No.: Milestone Seq: 2320-02-0010 TPA MS NO.: M-32-03
Title: COMPLETE DEFINITIVE DESIGN FOR 2ND CONTAIN/LEAK DETECT (W-259)
Planning Date Target Date Decrement Date Level: FO Keyword: T
1/02/1997 1/02/1997 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: RCRA, WAC 173-303, 173-307
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
SUPPORTS DESIGN OF SECONDARY CONTAINMENT AND LEAK DETECTION MODIFICATIONS TO ENSURE RCRA AND WAC COMPLIANT TANK AND PIPING SYSTEMS FOR T PLANT. RELATED TO TPA #M-32-03.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 2320-02-0015 TPA MS NO.: M-32-03

Title: INITIATE CONSTR OF SECONDARY CONTAINMENT/LEAK DETECTION

Planning Date Target Date Decrement Date Level: FO Keyword: T
1/02/1997 1/02/1997 PTS: Y SMS: Y

Driver Name: RCRA Driver Reference: RCRA, WAC 173-303, 173-307

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

SUPPORTS CONSTRUCTION OF SECONDARY CONTAINMENT AND LEAK DETECTION MODIFICATIONS TO ENSURE RCRA AND WAC COMPLIANT TANK AND PIPING SYSTEMS IN T PLANT. RELATED TO TPA M-32-03.

Milestone No.: Milestone Seq: 2320-02-0020 TPA MS NO.: M-32-03

Title: COMPLETE SCHEDULED UPGRADES TO T PLANT TANK SYSTEMS

Planning Date Target Date Decrement Date Level: HQ Keyword: T
9/30/1999 9/30/1999 PTS: Y SMS: Y

Driver Name: TRI Driver Reference: RCRA, WAC 173-303, 173-307

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

COMPLETES CONSTRUCTION OF SECONDARY CONTAINMENT AND LEAK DETECTION MODIFICATIONS TO ENSURE RCRA AND WAC COMPLIANT TANK AND PIPING SYSTEMS FOR T PLANT TPA #M-32-03-T06.

Milestone No.: Milestone Seq: 2320-02-0025 TPA MS NO.: M-32-03

Title: COMPLETE T PLANT TANK ACTIONS

Planning Date Target Date Decrement Date Level: HQ Keyword: T
9/30/1999 9/30/1999 PTS: Y SMS: Y

Driver Name: TRI Driver Reference: RCRA, WAC 173-303, 173-307

PRESENT IN Tiger Team: N Program Execution Guidance: N

Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

COMPLETES CONSTRUCTION OF SECONDARY CONTAINMENT AND LEAK DETECTION MODIFICATIONS TO ENSURE RCRA AND WAC COMPLIANT TANK AND PIPING SYSTEMS FOR T PLANT. THIS MILESTONE IS TPA M-32-03.

NARRATIVE

LAST UPDATE: 04-24-1994 TIME: 11:49:34

Technical Scope Summary(Limit 15 line or less):

The Waste & Decontamination Services (WDS) program supports the Hanford mission to cleanup the site by providing essential decontamination services primarily to the Tank Waste Remediation System (referred to as 'Tank Farms') and other site programs including Well Drilling/Monitoring, Decontamination and Decommissioning, and Fleet Maintenance.

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~~NARRATIVE Continued~~

This ADS supports the 1996 Line Item, 'T Plant Secondary Containment and Leak Detection Upgrades' (Project W-259) which will provide secondary containment and leak detection for the T Plant liquid waste handling system and thereby meet Tri-Party Agreement milestone #M-32-03, to 'Complete T Plant Tank Actions' due FY99, RCRA permitting and WAC 173-303, -307.

Technical Scope Detail(Limit 104 lines or less):

This activity supports Project W-259, 'T Plant Secondary Containment and Leak Detection Upgrades'. Currently, T Plant is conducting 2706-T Facility repackaging work, 221-T Canyon cleanout decontamination activities, and hazardous liquid waste transfers in the T Plant railroad tunnel using the existing tank systems, which require upgrade to meet current regulatory requirements (WAC 173-303) for the treatment and storage of hazardous wastes.

As part of negotiations for T Plant's Part A Interim Permit for operation as a waste Treatment, Storage, and Disposal (TSD) facility, an agreement was reached with Ecology allowing T Plant to continue to use existing facilities and equipment with the provision that Tri-Party Agreement milestone M-32-03, to 'Complete T Plant Tank Actions,' by September 30, 1999, and all associated Target milestones are met. Associated with M-32-03 are six Target milestones, designating and scheduling specific tasks to be completed within the scope of M-32-03, as follows:

M-32-03-T01 'Implement Periodic Inspection and Static Leak Testing for 2706-T and 211-T Tanks' 10/31/93. The requirements of this Target milestone were met in the first quarter of FY 1994. These inspections and tests administratively compensate for the absence of a secondary containment system by providing surveillance of the tanks and pipes to verify their integrity.

M-32-03-T02 'Complete Conceptual Design Report (Project W-259) for T Plant Tank System Upgrades' 04/30/93. A Conceptual Design Report (CDR) detailing modifications to the tank and piping systems will be submitted. Specific items will be identified and workscope will be documented in the CDR. Items identified as of March 1994 are:

- In the 2706-T Facility, double-wall stainless steel liners will be installed in the automotive and the rail car pits.
- A liquid catch system/sump will be installed in the 221-T railroad tunnel.
- New double-wall stainless steel tanks will be installed in cells 11L, 12L and 15L in the 221-T canyon.
- All interconnecting piping will be replaced with double containment piping. Leak detection instrumentation will also be installed.

M-32-03-T03 'Submit Schedule for Completion of T Plant Tank System Upgrades' 06/30/94. This will require scheduling the workscope to meet the tank and piping system upgrades specified in the CDR.

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M-32-03-T04 'Complete Modification of 2706-T Staging Pad to Prevent the Accumulation of Precipitation' 06/30/94. The 2706-T staging pad, located outside the 2706-T building, drains to the 2706-T sump. This drainage, consisting mostly of rainwater and melted snow, becomes classified as radioactive mixed liquid waste when it enters the sump, and must be sent to Tank Farms for treatment. A cover for the 2706-T staging pad is being constructed, allowing precipitation to be diverted elsewhere, reducing the needless generation of waste.

M-32-03-T05 'Install Level Indication for 211-T Tank' 06/30/94. Level indication will assist the operators in prevention of tank overflowing and in identifying a potential leak in the tank or associated liquid transfer systems.

M-32-03-T06 'Complete Scheduled Upgrades to T Plant Tank System (Project W-259) 09/30/99. This schedules the completion of the overall secondary containment and leak detection upgrades.

Because of the agreement with Ecology, the consequences of failure to meet the milestone goals in M-32-03-T01 through T-06 will result in the T Plant RCRA Part A Permit application being revoked and subsequently T Plant's permanent RCRA Part B Permit would be jeopardized. The first five of these Target milestones are due in FY 1994.

T Plant is the site facility uniquely designated to receive long length contaminated equipment (LLCE), including pumps, jumpers, air lances, and instrument trees, from Tank Farms as a part of their tank waste remediation activities, some of which are specified in Tri-Party Agreement Milestone M-45 'COMPLETE CLOSURE OF ALL SINGLE-SHELL TANK FARMS'. Intermediate to long term storage of this equipment has proven prohibitively expensive. Treating the equipment as it is removed from the tanks by decontamination and length reduction has been chosen as the best option. Installation of a special port is to be completed in FY 1996 to allow this equipment to be brought into the T Plant canyon for processing. Failure to maintain T Plant in a permitted, fully operational configuration may cause delays in the removal of LLCE and this may impact the timely completion of the M-45 milestone. On-time completion of this project assures minimal delays in services provided to Tank Farms to process LLCE, as well as other programs requiring decontamination or repair.

Act. Comp. to Date/Current Year (FY 1994) Desc. (Limit 52 lines or less):

The Washington Department of Ecology approved the interim status (RCRA Part A Permit Application) for waste treatment and storage at the T Plant complex in FY93. Ecology stipulated that the actions contained in M-32-03, to 'Complete T Plant Tank Actions,' must be completed on schedule or T Plant's interim status would be revoked.

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The engineering study and Functional Design Criteria (FDC) were completed. Key Decision 0, which allows the initiation of the Conceptual Design Report (CDR), was approved. During FY94, the CDR and National Environmental Policy Act (NEPA) documentation will be completed. The project will also be validated. (This FY94 workscope is funded in ADS 2320-00-AD.)

Budget Year (FY 1995) Description(Limit 52 lines or less):

The Advanced Conceptual Design Report will be completed. The Line Item will also be validated.

Planning Year (FY 1996) Description(Limit 156 lines or less):

Definitive design and preliminary safety analyses will be initiated.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

Definitive design, procurement, and safety analyses will continue. Construction, operational test procedures, readiness review, and safety analyses will be completed in FY99.

Impacts/Assumptions(Limit 42 lines or less):

- PLANNING CASE: Start Project W-259, T Plant Secondary Containment and Leak Detection Upgrades, in FY 1996 and complete in FY 1999, thereby meeting TPA milestone M-32-03, to 'Complete T Plant Tank Actions' and retaining T Plant's Treatment, Storage and Disposal interim status.
- PRODUCTIVITY COMMITMENT: In an effort to enhance cost efficiencies, this ADS reflects a productivity commitment which achieves the same workscope at a lower unit rate, or the application of more efficient processes, or through cost avoidance.
- TARGET CASE: No impact. Planning workscope will be achieved at lower target case funding per the productivity commitment.
- DECREMENT CASE (FY 1996): No impact. Decrement case and target case funding are equal. Definitive design and preliminary safety analyses will be initiated in FY 1996.
- In addition to the nonfulfillment of Tri-Party Agreement milestone M-32-03, to 'Complete T Plant Tank Actions,' the loss of or inadequate funding for Project W-259 will result in failure to meet the schedule which will result in the T Plant RCRA Part A Permit Application being revoked and subsequently T Plant's permanent RCRA Part B Permit would be jeopardized. The RCRA Part A Permit enables T Plant to perform Treatment, Storage and Disposal activities. The implementation of secondary containment and leak detection is also compliance driven by WAC 173-303, 'Dangerous Waste Regulations' and WAC 173-307, 'Hazardous Waste Reduction Regulation.' - It

~~NARRATIVE Continued~~

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NARRATIVE Continued

is assumed liquid waste storage and transfers will continue to use the current T Plant complex tank and piping system, and Liquid Waste Tank Cars (LWTCs), until secondary containment and leak detection upgrades are completed and new LWTCs are operational.

- It is assumed other projects and upgrades planned for T Plant, including the Electrical Upgrade and the Control Room Upgrade, will take place as scheduled, preventing delays in timely completion of this project. - As detailed in the Technical Scope Summary above, failure to complete this project may adversely impact a variety of site cleanup projects and milestones, including T Plant's TPA milestone M-32-03 and Tank Farm's M-45 milestone.

Supporting Documents(Limit 5 lines or less):

Short Form Data Sheets and draft CDR for Project W-259; Task Description Documents for ADS's 2320-00 (AA) and 2320-02; RPM Reports; WDS Building Blocks; WDS 1994 Fiscal Year Work Plan, dated December 6, 1993; WDS MYPP Phase II; Tri-Party Agreement Milestone list dated January 1994; WHC-SD-WM-ES-283 Rev. B; Attachment to 87320-93-010.

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

DESCRIPTION OF REGULATORY DRIVERS

DOE:

ORDERS 5400.1, 5480.2A & 6430.1A: ADDRESS SAFE, ENVIRONMENTALLY PROTECTIVE DESIGN, CONSTRUCTION, & OPERATION OF HAZARDOUS AND RADIOLOGICAL MATERIAL TREATMENT AND HANDLING FACILITIES, INCLUDING SECONDARY CONTAINMENT & LEAK DETECTION.

DESCRIPTION OF REGULATORY DRIVERS Continued

Environmental Management
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~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

FED:

10 CFR 835 OCCUPATIONAL RADIATION PROTECTION (ALARA): DESCRIBES STANDARDS OF RADIATION EXPOSURE AND PROTECTION FOR PERSONNEL.

NEPA_R:

5440.1E: REQUIRES ENVIRONMENTAL IMPACT EVALUATION OF ALL ACTIVITIES AT T PLANT.

RCRA:

40 CFR 264: DEFINES THE RELATED TREATMENT, STORAGE AND DISPOSAL PERMIT PROCESS.

ST:

WAC 173-303, -307: DIRECT ACTIVITIES RELATING TO THE GENERATION, TREATMENT, STORAGE & DISPOSAL OF WASTE, SPECIFICALLY OPERATION, MAINTENANCE, PERSONNEL PROTECTION AND FACILITY COMPLIANCE, WHILE MANDATING GOALS FOR WASTE REDUCTION.

~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

Environmental Management
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DESCRIPTION OF REGULATORY DRIVERS Continued

TRI:

M-32-03 AND M-32-03-T06: SPECIFY ACTIONS TO ENSURE COMPLIANT TANK & PIPING SYSTEMS AT T PLANT, WHILE ALLOWING INTERIM FACILITY OPERATIONS. REQUIRE CONSTRUCTION TO MEET SECONDARY CONTAINMENT AND LEAK DETECTION.

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Environmental Management
TVA Field Division
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Time: 11:32

DESCRIPTION OF REGULATORY DEVICE CONTAINED

DATE: 11/22/94
TIME: 11:32
M-22-01 AND M-22-02-100: RECEIPT ACTION TO ENSURE COMPLIANT WITH
TIPING SYSTEMS AT T PLANT, WHILE ALLOWING INTERIM FACILITY OPERATIONS.
ACQUIRE CONSTRUCTION TO MEET SECONDARY CONTAINMENT AND LEAK DETECTION

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 FY96 Field Submission
 Activity Data Sheet

Page: 1
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Operations Office: RL ID No.: 2330- 0 Revision Date: 4/22/1994
 ADS Title: LIQUID EFFLUENTS - NEW FACILITY PLANNING
 WBS No.: 1.3.8.2.2 Category: WM Appr.:
 Project Title: NEW FACILITY PLANNING Facility/WAG: 200 AREAS
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: 96L-EWW-302 TPC: 18600 TEC: 15800
 Contig: 2200
 CNTR Manager: DILIBERTO, AJ Phone: 509-372-3323
 O.O. Manager: BRYSON, DC Phone: 509-372-0738
 H.Q. Manager: CHOU, G Phone: 301-903-7159
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: TRU: TRU MIX: LLW: MLLW: HAZ: SANT: 100 SNF:

REGULATORY DRIVERS

CAA: Y CWA: Y SDWA: N RCRA: Y 3004U: N TSCA: N CERCLA: N NEPA: Y
 DOE: Y IAG: N OSHA: N ORD: N ST : Y TRI : Y FED : N FFCA:
 OTHER 1: OTHER 2: OTHER 3:

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		FY96 DRIVER CATEGORY			IMM RISK
					DECREMENT	TARGET	PLAN	
OE	0	372		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	0		D	0	356	356	0
				E	0	0	0	0
TOTAL	0	372		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	112	112	112	0
				TOTAL	112	469	469	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	112
CE	0
GPP	0
LI	0
TOTAL	112

Environmental Management
 FY96 Field Submission
 Activity Data Sheet

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TARGET LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	469	633	869	38	601
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	1,600	14,200	0	0
TOTAL	469	2,233	15,069	38	601

FTEs	FY94	FY95
Direct	0	1
Indirect	0	1
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	2	4	6	0	2
Indirect	1	3	4	0	2
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	469	633	869	38	317
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	1,600	14,200	0	1,500
TOTAL	469	2,233	15,069	38	1,817

FTEs	FY94	FY95
Direct	0	1
Indirect	0	1
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	2	4	6	0	2
Indirect	1	3	4	0	2
Federal	0	0	0	0	0

Environmental Management
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Budget Detail Profile

				FY96 DRIVER CATEGORY			
DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				DECREMENT	TARGET	PLAN	IMM RISK
SUB-DESC: PROGRAM: EM SUBACT: AA							
TITLE: Miscellaneous Stream BAT/AKART I							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A			
				B	0	0	0
				C	0	0	0
				D	0	356	356
				E	0	0	0
				F	0	0	0
				G	0	0	0
				H	0	0	0
				I	0	0	0
TOTAL	0	0		TOTAL	0	356	356

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	356	581	869	38	601
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	356	581	869	38	601

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	356	581	869	38	317
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	1,500
TOTAL	356	581	869	38	1,817

Environmental Management
 FY96 Field Submission
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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AC				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 340 FACILITY SECONDARY CONTAINME							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
				D	0	0	0
EW3130020	0	372		E	0	0	0
35EW31302	0	0		F	0	0	0
39EW31302	0	0		G	0	0	0
39EW31302	0	0		H	0	0	0
				I	112	112	112
TOTAL	0	372		TOTAL	112	112	112
							0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	112
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	112

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	112	51	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	1,600	14,200	0	0
TOTAL	112	1,651	14,200	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	112	51	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	1,600	14,200	0	0
TOTAL	112	1,651	14,200	0	0

Environmental Management
FY96 Field Submission
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A106 Cross References

A106 Number: _____ Date: _____
Title: _____
Federal Facility Identification: _____
Region: _____ Assessment: _____
Status: _____ Progress: _____

Tiger Team Cross References

Tiger Team Finding Number: _____ Date: _____
Title: _____

FY95-99 ADS Cross References

ADS #: RL
Title: _____
Transferred in its entirety: _____
Explanation of Change: _____

MILESTONES

Milestone No.:	Milestone Seq:	TPA MS NO.:
Title:		
Planning Date	Target Date	Decrement Date
		Level:
		PTS:
Driver Name:	Driver Reference:	Keyword:
PRESENT IN	Tiger Team: Program Execution Guidance:	SMS:
	Roadmap: Current Year Workplan:	Safety and Health:
Description:		

NARRATIVE

LAST UPDATE: 04-22-1994 TIME: 16:50:25

Technical Scope Summary(Limit 15 line or less):

This Activity Data Sheets supports Liquid Effluents future projects. There are two projects identified in two sub-activities to this ADS. Sub-Activity AA: Miscellaneous Stream BAT Implementation (FY 2000 Line Item); Sub-Activity AC: 340 Facility Secondary Containment and Leak Detection (FY 1997 Line Item Project W-302).

NARRATIVE Continued

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NARRATIVE Continued

Technical Scope Detail(Limit 104 lines or less):

Sub-Activity AA: Miscellaneous Stream BAT Implementation.

The Miscellaneous Stream activity was established under ADS 2300-00 to inventory all liquid effluent streams not already being managed under Phase I or Phase II Stream Programs (Hanford's 33 primary waste streams) and to bring those effluent streams into full compliance with Washington State and federal regulations. Consent Order DE 91NM-177 was signed in February 1992. This Consent Order established requirements for identification of all Miscellaneous Streams and preparation of a plan and schedule for bringing all of them into regulatory compliance. An initial inventory prepared in FY 1992 identified sixty-three streams which may require characterization, treatment, and permitting under WAC 173-216 requirements. This candidate Line Item is being established based on the assumption that there are a significant number of streams which will require treatment to implement Best Available Technology/All Known, Available, and Reasonable methods of prevention, control, and Treatment (BAT/AKART) prior to disposal.

Sub-Activity AC: 340 Facility Secondary Containment and Leak Detection

The 340 Facility currently utilizes stainless steel tanks set in concrete vaults. These vaults are underground and unlined, and do not meet the requirements for secondary containment. These tanks are not in compliance for the interim storage or permitted storage of dangerous wastes. However, there is leak detection capability within the vault, and there is a sump to remove leakage from the tank. The piping system to the 340 valve box and the piping from 340 to 340A and 340B (the load-out facility) have double containment. The piping from the valve box to the 340 tanks is single valved. The liquid waste in the system contains dangerous waste constituents as defined in WAC 173-303-040 (18). The RCRA and WAC require that tank and piping systems containing dangerous wastes (constituents) have secondary containment and leak detection.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

No activity for this ADS is scheduled prior to FY 1995.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Based on an assessment of required workscope and projected outyear funding levels, the workscope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The delta change from the President's is \$372K, resulting in a new total of \$372K. These adjustments may require a FY 1995 budget amendment.

Target Case Funding: \$372K

NARRATIVE Continued

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NARRATIVE Continued

340 Facility Secondary Containment and Leak Detection:

Complete preparation of the Conceptual Design Report and complete the validation of the construction project for the replacement of the 300 Area Radiation Process Sewer and 340 Facility. IMPACTS: Non-compliance with WAC/RCRA for tank systems secondary containment and leak detection requirements. Possible fines or shut-down causing closure of 300 Area facilities including laboratories and delaying TWRS TPA milestones associated with core sampling and safety investigations.

Planning Case Funding: No incremental funding above the Target level is required.

Planning Year (FY 1996) Description(Limit 156 lines or less):

Decrement Case Funding: \$112K

Provides engineering support for 340 Facility Replacement including preparation of the architect and engineering Statement of Work, performance of the A/E selection process, and preparation of the Project management Plan.

Target Case Funding: \$356K incremental

Provides engineering support for the Miscellaneous Stream BAT Implementation including preparation of the Engineering Report to support the establishment of this Line Item project and beginning the preparation of the Functional Design Criteria.

Planning Case Funding: No incremental funding above the Target level is required.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

Target Case Funding All Years:

340 Facility Secondary Containment and Leak Detection

FY1997: \$1,652K; FY 1998: \$14,200K; FY 1999: \$0; FY 2000: \$0

Begin project definitive design in October 1996 and begin construction in June 1997 with construction complete by March 1998.

Miscellaneous Stream BAT Implementation

FY 1997: \$581; FY 1998: \$869; FY 1999: \$38; FY 2000: \$602

Complete preparation of the Functional Design Criteria by March 1997. Begin preparation of the Conceptual Design Criteria (including the Permitting Plan) in December 1997 with completion planned for March 1998. Begin preliminary design activity in February 1999 and definitive design January 2000.

NARRATIVE Continued

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~~NARRATIVE Continued~~

Planning Case Funding: \$1,200K incremental

Initial capital line item funding for BAT implementation projects.

Impacts/Assumptions(Limit 42 lines or less):

No productivity commitment has been applied to this ADS.

340 Facility Secondary Containment and Leak Detection

Should these upgrades not be made, the DOE could face regulatory action for not complying with the RCRA and WAC for the dangerous waste tank and piping systems at the 340 Facility. If regulatory action required shutdown of the 340 Facility, the Hanford Site would lose the capability of the 300 Area Laboratories and the 300 Area process sewer retention in case of an upset. This would negatively affect work efforts in tank waste safety and tank waste characterization, impacting TWRS Tri-Party Agreement milestones.

Miscellaneous Streams BAT/AKART Implementation

The basis for this ADS is the assumption that some Miscellaneous Streams will require treatment in order to meet BAT/AKART prior to disposal. This ADS provides the funding for that treatment. Should this assumption prove true and funding is withheld, the requirements implied by the Plan and Schedule and the Consent Order can not be achieved for those streams and they will remain non-compliant.

Supporting Documents(Limit 5 lines or less):

Resource Conservation and Recovery Act (RCRA)
Washington State Administrative Code 173-303-040(18)
WAC 173-216 Consent Order DE-91NM-177

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

DESCRIPTION OF REGULATORY DRIVERS

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

CAA:

National Emissions Standards for Hazardous Air Pollutants (NESHAP) Permit
40 CFR 61.01, Subpart H.; Prevention of Significant Deterioration (PSD)
EPA 40 CFR 52.; Radiation Protection-Air Emissions (RAEP) Permit; TAPs
Standards, WAC 173-460

CWA:

National Pollution Discharge Elimination System (NPDES) Permit, EPA
Regulations; State Waste Discharge Permit (SWDP), WAC 173-216. WAC 216
Permit supported by detailed engineering report dictated by WAC 173-240.

DOE:

Numerous orders govern financial and budget management, planning, conduct
of operations, maintenance, personnel training, industrial and
radiological safety, environmental protection, facility design, and
require compliance with state and federal laws.

NEPA_R:

NEPA requirements for Liquid Effluent Treatment Program addressed in
Hanford Environmental Compliance Environmental Assessment (HEC-EA).

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

RCRA:

Implemented under WAC 173-303. RCRA requires Part A and Part B permits for all TSD facilities. Hanford granted "interim compliance", must comply with WAC 173-303-805 requirements until such time that "final" status is achieved.

ST:

Consent Order #DE 91NM-177. Establishes regulatory milestones including WAC 173-240-130 Engineering Reports (including BAT/AKART evaluations) 30 & 80% design reports in accordance with WAC 173-240-140, WAC 173-216-303 Permits, Sample and Analysis Plans, Construction Schedules, and interim operating restrictions.

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Operations Office: RL ID No.: 2340- 0 Revision Date: 4/24/1994
 ADS Title: WASTE & DECON NEW FACILITIES PLANNING
 WBS No.: 1.3.7.3.13 Category: WM Appr.:
 Project Title: WASTE & DECONTAMINATION Facility/WAG: T PLANT
 Installation: HANFORD CID: RL10930 ZOVHD: 18
 For Line Item Project: N/A TPC: 370000 TEC: 350000
 Contig: 350000
 CNTR Manager: MCCARTHY, MM Phone: 509-376-1589
 O.O. Manager: GUERCIA, RF Phone: 509-376-5494
 H.Q. Manager: BODA, JO Phone: 301-903-7123
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: Y 3004U: N TSCA: N CERCLA: N NEPA: Y
 DOE: Y IAG: N OSHA: Y ORD: Y ST : Y TRI : Y FED : Y FFCA: N
 OTHER 1: N OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		FY96 DRIVER CATEGORY			
					DECREMENT	TARGET	PLAN	IMM RISK
OE	0	0		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	0		D	0	0	0	0
				E	0	0	0	0
TOTAL	0	0		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	0
CE	0
GPP	0
LI	0
TOTAL	0

Environmental Management
 FY96 Field Submission
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TARGET LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	0	0	0	0	0

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	4,000	14,000	12,000	30,000
TOTAL	0	4,000	14,000	12,000	30,000

FTEs	FY94	FY95
Direct	0	0
Indirect	0	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SOLID/LIQ WASTE & DEC-NF				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AD				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: T Plant Facility Replacement							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	B	C	D
EW3130020	0	0	0	0	0	0	0
35EW31302	0	0	0	0	0	0	0
39EW31302	0	0	0	0	0	0	0
39EW31302	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130020	0
35EW31302	0
39EW31302	0
39EW31302	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130020	0	0	0	0	0
35EW31302	0	0	0	0	0
39EW31302	0	0	0	0	0
39EW31302	0	4,000	14,000	12,000	30,000
TOTAL	0	4,000	14,000	12,000	30,000

Environmental Management
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A106 Cross References

A106 Number: _____ Date: _____
Title: N/A
Federal Facility Identification: _____
Region: _____ Assessment: _____
Status: _____ Progress: _____

Tiger Team Cross References

Tiger Team Finding Number: N/A Date: _____
Title: _____

FY95-99 ADS Cross References

ADS #: RL 2320 0
Title: WASTE & DECONTAMINATION SERVICES
Transferred in its entirety: N
Explanation of Change:
FY 1996 AND BEYOND LINE ITEMS REQUIRED TO BE IN A SEPARATE ADS.

MILESTONES

Milestone No.: _____ Milestone Seq: 2340-00-0005 TPA MS NO.: NONE
Title: INITIATE DEFIN DESIGN FOR SW PROCESSING FAC REPL/UPGRADE (W-354)
Planning Date Target Date Decrement Date Level: FO Keyword: T
1/31/1997 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: RCRA, WAC 173-303
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THIS MILESTONE CALLS FOR DESIGN OF AN UPGRADE OF T PLANT OR DEVELOPMENT OF A NEW FACILITY FOR USE AS A SITE DECON FACILITY, BASED ON RESULTS OF THE LTDES. NOT FUNDED IN TARGET/DECREMENT CASE.

Milestone No.: _____ Milestone Seq: 2340-00-0010 TPA MS NO.: NONE
Title: COMPLETE DEFINITIVE DESIGN FOR SW PROC FAC REPL/UPGRADE (W-354)
Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1999 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: RCRA, WAC 173-303
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THIS MILESTONE COMPLETES DESIGN OF AN UPGRADE OF T PLANT OR DEVELOPMENT OF A NEW FACILITY FOR USE AS A SITE DECON FACILITY, BASED ON RESULTS OF THE LTDES. NOT FUNDED IN TARGET/DECREMENT CASE

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 2340-00-0015 TPA MS NO.: NONE
Title: INITIATE CONSTR OF SW PROCESSING FACILITY REPL/UPGRADE (W-354)
Planning Date Target Date Decrement Date Level: FO Keyword: T
1/31/2000 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: RCRA, WAC 173-303
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
THIS MILESTONE CALLS FOR CONSTRUCTION OF AN UPGRADE OF T PLANT OR DEVELOPMENT OF A
NEW FACILITY FOR USE AS A SITE DECON FACILITY, BASED ON RESULTS OF THE LTDES. NOT
FUNDED IN TARGET/DECREMENT CASE.

NARRATIVE

LAST UPDATE: 04-24-1994 TIME: 11:54:19

Technical Scope Summary(Limit 15 line or less):

The Waste & Decontamination Services (WDS) program supports the Hanford site mission to cleanup the site by providing essential treatment services primarily to the Tank Waste Remediation System (referred to as 'Tank Farms') and other site programs, including Well Drilling/Monitoring, Decontamination & Decommissioning, Fleet Maintenance.

This ADS supports the 1997 Line Item 'T Plant Facility Replacement' (Project W-354) which will provide a new decontamination facility if current engineering studies indicate the need to pursue this option.

Technical Scope Detail(Limit 104 lines or less):

Tri-Party Agreement milestone M-33-00-T04 calls for the proposal of additional milestones, as required, due June 1995, for acquisition of new facilities, modification of existing facilities or modification of planned facilities' scope, for processing of solid waste and materials. These proposed additional milestones will be based upon the results of the Site Wide Systems Analysis. Solid Waste Disposal is including WDS in its portion of the Site Wide Systems Analysis, which will include consideration of this ADS's workscope for T Plant Facility Replacement. Additionally, the Site Wide Systems Analysis will address contaminated processing equipment and radioactive/hazardous solid wastes.

Project W-354, 'T Plant Facility Replacement'-- The need for waste treatment and processing facilities at Hanford will continue well into the next century. T Plant has been chosen as the interim centralized Hanford Site decontamination facility. Due to the age of T Plant (approximately 50 years old) and its current condition, significant upgrades have been identified as necessary to bring the plant into regulatory compliance. Although the required upgrades are currently being implemented or are in

NARRATIVE Continued

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~~NARRATIVE Continued~~

the planning stages, construction of a new stand-alone decontamination facility warrants economic and technical consideration.

A Long-Term Decontamination Engineering Study (LTDES) is being conducted to assess the viability of T Plant, versus another existing facility, or new facility, for long-term waste treatment operations to support the Hanford site cleanup mission. Should the LTDES conclude that T Plant or other existing facilities are inadequate for the long term mission, this subactivity provides contingency planning to support the final design and construction of a new stand-alone facility. A new facility would be built to comply with current and newly identified environmental and regulatory requirements.

Hanford site facilities have a large backlog of failed equipment, legacy waste, and radioactive mixed waste that requires compliant treatment, storage and disposal. Tank Farms will remove a large number (as many as 180 per year) of Long Length Equipment items from waste tanks as part of a commitment to meet Tri-Party Agreement milestone M-45 which extends to the year 2024, to 'Complete Closure of Single Shell Tank Farms.' Tank Farms needs treatment services for this equipment, which includes air lances, pumps, instrument trees, and heat exchangers.

This equipment will require length reduction so it will fit into normal disposal packages, decontamination, and packaging for disposition. If decontamination efficiency is high enough, much of the equipment may be releasable to the environment.

Additionally, WDS will decontaminate and repair equipment that can be re-used.

A new facility would be designed to have sufficient space for all projected types and quantities of waste and equipment to be processed, and would have sufficient production capacity to handle the demands of the site-wide cleanup mission. Best Available Technology will be employed in the design, and construction of the facility and in the decontamination processes.

Treatment of waste is compliance driven by: 1) WAC 173-303, -307, 'Dangerous Waste Regulations' and 'Hazardous Waste Reduction Regulations' which require the volumetric reduction of solid waste that is disposed of by facilities, and provide waste handling regulations. 2) 57 FR 37194 'Debris Rule,' Designates as 'waste' nonrepairable/nonreusable equipment that has come into contact with hazardous waste, and requires the cleaning of exposed surfaces. 3) ALARA, to be consistent with waste minimization & reduction.

Act. Comp. to Date/Current Year (FY 1994) Desc. (Limit 52 lines or less):

A Waste Stream Evaluation (waste characterization and quantification) has been completed which provides an overview of the existing waste, waste

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~~NARRATIVE Continued~~

expected to be generated, or waste expected to be shipped to the Hanford site during the next 30 year. In addition to an overview of the volume of waste expected at the Hanford Site, the report presents a breakout of metallic waste by waste stream. The report summarizes waste volumes by generators, waste streams, physical characteristics, and container types.

During FY 1994, the LTDES will be completed. If a new decontamination facility is required an Engineering Study and Functional Design Criteria (FDC) will be initiated.

Budget Year (FY 1995) Description(Limit 52 lines or less):

The Conceptual Design Report (CDR) and National Environmental Policy Act (NEPA) documentation will be completed.

The Site Wide Systems Analysis will be completed January 1995 per Tri-Party Agreement milestone M-33-00-T03, to 'Issue Final Site Wide Systems Analysis'. Solid Waste Disposal is including WDS in its portion of the Site Wide Systems Analysis, which will include consideration of this ADS's workscope for T Plant Facility Replacement.

Based on the Site Wide Systems Analysis, additional milestones, as required, will be proposed in June 1995 per Tri-Party Agreement milestone M-33-00-T04 for the acquisition of a new facility for the processing of solid waste materials.

Planning Year (FY 1996) Description(Limit 156 lines or less):

The Advanced Conceptual Design Report (ACDR) will be completed. The Line Item will be validated.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

Definitive design will be completed in FY99 and construction will begin in FY 2000 with completion in FY 2004, and an operational start in FY 2006.

Impacts/Assumptions(Limit 42 lines or less):

- PLANNING CASE: Start Project W-354, T Plant Replacement Facility, in FY 1997 and complete in FY 2006.

- TARGET CASE: The workscope identified by this ADS, i.e., Project W-354, is not funded in the target case.

- DECREMENT CASE (FY 1996): N/A - Funding is not requested in FY 1996. Line item funding for Project W-354 is not requested until FY 1997. (Expense funding for the ES, FDC, and CDR is requested under ADS 2320-00-AJ)

~~NARRATIVE Continued~~

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~~NARRATIVE Continued~~

- The initiation and implementation of Project W-354, assume the following: 1) Both the LTDES in FY 1994 and the Site Wide Systems Analysis (Tri-Party Agreement milestone M-33) in FY 1995, conclude that a T Plant facility replacement is required. 2) If it is concluded to pursue Project W-354, then the decision will be made in FY 1994. A FY 1994 decision is needed to support the planning case schedule. 3) Additionally to meet the planning schedule, expense funding for an Engineering Study and the Functional Design Criteria will be provided in FY 1994. Expense funding for the Conceptual Design Report and National Environmental Policy Act documentation will be provided in FY 1995.

- It is assumed T Plant will continue to function as the site decontamination facility until a replacement facility is operational.

- The treatment of waste/equipment is assumed to be significant part of the overall Hanford site mission of environmental remediation (Tank Farm Tri-Party Agreements M-45) and includes Best Available Technology (BAT) implementation for waste volume reduction, minimization and treatment.

Supporting Documents(Limit 5 lines or less):

Short Form Data Sheets for Project W-354; Task Description Document for ADS 2340; RPM Reports; WDS 1994 Fiscal Year Work Plan, dated December 6, 1993; WDS 1994 Multi-Year Program Plan, Phase II, WDS Building Blocks.

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

~~DESCRIPTION OF REGULATORY DRIVERS~~

DOE:

NUMEROUS ORDERS ADDRESS PROJECT MGMT SYSTEM PLANNING & SCHEDULING, SAFE, ENVIRONMENTALLY PROTECTIVE DESIGN, CONSTRUCTION, OPERATION & MAINTENANCE OF HAZARDOUS AND RADIOLOGICAL MATERIAL TREATMENT & HANDLING FACILITIES AS WELL AS SAFETY/HEALTH PROTECTION.

~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

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~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

FED:

10 CFR 835 OCCUPATIONAL RADIATION PROTECTION (ALARA): PROVIDE STANDARDS FOR PERSONNEL RADIOLOGICAL PROTECTION AND DOSE TRACKING.

NEPA R:

5440.1E: REQUIRES ENVIRONMENTAL IMPACT EVALUATION.

ORD:

TPA M-45 COMPLETE CLOSURE OF SINGLE SHELL TANK FARMS: COMPLIANCE DICTATES RESULTING TANK FARM EQUIPMENT BE TREATED -LONG LENGTH ITEMS (AIR LANCES, PUMPS, THERMOCOUPLE TRESSES, INSTRUMENT TRESSES..).

OSHA:

20 CFR 1910: OCCUPATIONAL SAFETY & HEALTH STANDARDS: DIRECT WASTE & DECON FACILITIES BE OPERATED AND MAINTAINED IN A MANNER CONDUCTIVE TO A SAFE AND HEALTHFUL PROTECTIVE ENVIRONMENT FOR EMPLOYEES.

~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

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DESCRIPTION OF REGULATORY DRIVERS Continued

RCRA:

40 CFR 264: DEFINES THE RELATED STANDARDS AND PERMIT PROCESS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL (TSD) FACILITIES.

ST:

WAC 173-303, -307: DIRECT ACTIVITIES RELATING TO THE GENERATION, TREATMENT, STORAGE, & DISPOSAL OF WASTE, SPECIFICALLY OPERATION, MAINTENANCE, PERSONNEL PROTECTION AND FACILITY COMPLIANCE, WHILE MANDATING GOALS FOR WASTE REDUCTION.

TRI:

TPA M-33: ESTABLISHES MILESTONES FOR NEW FACILITIES & MODIFICATIONS FOR SOLID MATERIALS STORAGE AND PROCESSING. ADDRESSES PROCESSING NEEDS FOR CONTAMINATED PROCESSING EQUIPMENT AND RADIOACTIVE/HAZARDOUS SOLID WASTES.

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Operations Office: RL ID No.: 3000- 0 Revision Date: 4/24/1994
 ADS Title: SST CLOSURES
 WBS No.: 1.4.10.1.1.3 Category: ER Appr.: D
 Project Title: SST CLOSURES Facility/WAG: SINGLE-SHELL TANKS
 Installation: HANFORD-200 CID: RL10930 %OVHD: 19
 For Line Item Project: N/A TPC: 44583 TEC: 44583
 Contig: 0
 CNTR Manager: DILLON, LD Phone: 509-376-5259
 O.O. Manager: ERICKSON, JK Phone: 509-376-3603
 H.Q. Manager: HARMON, MK Phone: 301-903-8167
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: TRU: TRU MIX: LLW: MLLW: HAZ: SANT: SNF:

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: Y 3004U: N TSCA: N CERCLA: N NEPA: Y
 DOE: Y IAG: N OSHA: N ORD: N ST : Y TRI : Y FED : N FFCA:
 OTHER 1: OTHER 2: OTHER 3:

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		FY96 DRIVER CATEGORY			
					DECREMENT	TARGET	PLAN	IMM RISK
OE	308	0		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	0		D	0	0	0	0
				E	0	0	0	0
TOTAL	308	0		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	0
CE	0
GPP	0
LI	0
TOTAL	0

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	0	0	0	0	0

FTEs	FY94	FY95
Direct	3	0
Indirect	2	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	0	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	0	0	0	0	0

FTEs	FY94	FY95
Direct	3	0
Indirect	2	0
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	0	0	0	0
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: RCRA/CERCLA				FY96 DRIVER CATEGORY			
SUB-DESC: A PROGRAM: EM SUBACT: AA				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: SINGLE-SHELL TANK CLOSURES							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	0	0	0
				B	0	0	0
				C	0	0	0
				D	0	0	0
				E	0	0	0
				F	0	0	0
				G	0	0	0
				H	0	0	0
				I	0	0	0
TOTAL	308	0		TOTAL	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW2010301	0
35EW20100	0
39EW20100	0
39EW20100	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW2010301	0	0	0	0	0
35EW20100	0	0	0	0	0
39EW20100	0	0	0	0	0
39EW20100	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW2010301	0	0	0	0	0
35EW20100	0	0	0	0	0
39EW20100	0	0	0	0	0
39EW20100	0	0	0	0	0
TOTAL	0	0	0	0	0

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A106 Cross References

A106 Number: RA-007	Date: 6/23/92
Title: ER-200 AREA (SST)	
Federal Facility Identification:	
Region:	Assessment:
Status:	Progress:
A106 Number: RA-071	Date: 6/23/92
Title: ER 200-PO-3 RFI/CMS	
Federal Facility Identification:	
Region:	Assessment:
Status:	Progress:
A106 Number: RA-072	Date: 6/23/92
Title: ER 200-TP-6 RFI/CMS	
Federal Facility Identification:	
Region:	Assessment:
Status:	Progress:

Tiger Team Cross References

Tiger Team Finding Number:	Date:
Title:	

FY95-99 ADS Cross References

ADS #: RL 3000 0
Title: SST CLOSURES
Transferred in its entirety: Y
Explanation of Change:
NO CHANGE

MILESTONES

Milestone No.:	Milestone Seq: 3000-00-0085	TPA MS NO.: N/A		
Title: COMPLETE 241-T-106 INVESTIGATION ZONE REPORT				
Planning Date	Target Date	Decrement Date	Level: CNTR	Keyword: TT
9/30/1994	9/30/1994	9/30/1994	PTS: N	SMS: N
Driver Name: DOE	Driver Reference: NONE			
PRESENT IN	Tiger Team: Y	Program Execution Guidance: N		
	Roadmap: N	Current Year Workplan: N	Safety and Health: N	
Description:				

NARRATIVE

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LAST UPDATE: 04-24-1994 TIME: 14:05:24

Technical Scope Summary(Limit 15 line or less):

At the current level funding for this activity a report will be completed to closeout GAO audit item (GAO/RCED-89-157) at SST T-106. No additional work is funded.

Technical Scope Detail(Limit 104 lines or less):

At the current level funding for this activity a report will be completed to closeout GAO audit item (GAO/RCED-89-157) at SST T-106. No additional work is funded.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

A work plan for the field investigation of the Vadose Zone migration of tank leaks was completed in FY 1992. Funding and workscope for SST characterization and retrieval was transferred to TWRS in FY 1992. Drilling of the T-106 Borehole was completed in FY 1993. Findings are being assimilated for the final report which will be completed in FY 1994.

The final report on findings of the T-106 Borehole in response to GAO audit item GAO/RCED-89-157 will be completed. No additional work is funded.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Workscope is not funded in the target, planning, or required cases in FY 1995.

Planning Year (FY 1996) Description(Limit 156 lines or less):

Workscope is not funded in the decrement, target, planning, or required cases in FY 1996.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

Funding and workscope are not identified at the target, planning, or required funding levels.

Impacts/Assumptions(Limit 42 lines or less):

- Final report will be issued during FY 1994, this report will support resolution of GAO audit item GAO/RCED-89-157 related to Vadose Zone plume tracking.

- No additional work is funded.

- Funding has not been identified in the target, planning, or required

~~NARRATIVE Continued~~

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~~NARRATIVE Continued~~

level budgets to support characterization and assessment activities required for timely single shell tank closures as required by the TPA. All future funding will be provided by Waste Tank Operations.

Supporting Documents(Limit 5 lines or less):

The TPA tracks the process for closure of the SSTs with over 35 interim milestones and six major milestones. The TPA is legally binding.

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review will be submitted under separate cover.

~~DESCRIPTION OF REGULATORY DRIVERS~~

DOE:

The SSTs are applicable to the requirements of the Atomic Energy Act of 1954. These requirements are implemented thru a number of DOE Orders: DOE Order 5400.3, DOE Order 5400.5, and DOE Order 5820.2A.

NEPA_R:

Closure of SSTs is being regulated by requirements imposed under NEPA 1976. The implementing regulations of NEPA are identified at 40 CFR Parts 1500 through 1508.

~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

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DESCRIPTION OF REGULATORY DRIVERS Continued

RCRA:

Subtitle C of the Solid Waste Disposal Act, as amended by RCRA of 1976, establishes regulatory requirements for facilities that treat, store, or dispose of hazardous waste. The SSTs are regulated as RCRA treatment and storage tanks.

THIS PAGE INTENTIONALLY

ST:

WAC provides Ecology with legal authority to administer civil penalties for violations which could damage or be an endangerment to the public or the environment.

TRI:

The workscope supports completion of milestone M-08-03, M-09-02, and M-15-00 of the TPA. The TPA is legally binding.

Date: 11-29-88
Time: 11:29
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DESCRIPTION OF REGULATORY REVIEW COMMENTS

RCRA
Subtitle C of the Solid Waste Disposal Act, as amended by RCRA of 1976,
establishes regulatory requirements for facilities that treat, store or
dispose of hazardous waste. The site was regulated as RCRA treatment and
storage tank.

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WAC provides Ecology with authority to administer civil penalties
for violations which could cause or be an endangerment to the public or
the environment.

TRI
The workgroup supports completion of activities W-05-01, W-05-02, and W-11
00 of the TPA. The TPA is legally binding.

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Operations Office: RL ID No.: 3010- 0 Revision Date: 4/22/1994
 ADS Title: RARA/USTs
 WBS No.: 1.4.10.1.1.1 Category: ER Appr.: D
 Project Title: RARA/USTS Facility/WAG: SITE WIDE
 Installation: HANFORD CID: RL10930 XOVHD: 19
 For Line Item Project: N/A TPC: 454951 TEC: 454951
 Contig: 0
 CNTR Manager: DILLON, LD Phone: 509-376-5259
 O.O. Manager: COLLINS, JP Phone: 509-376-7100
 H.Q. Manager: JANASKIE, M Phone: 301-903-7428
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: TRU: TRU MIX: LLW: MLLW: HAZ: SANT: SNF:

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: N 3004U: N TSCA: N CERCLA: N NEPA: N
 DOE: Y IAG: N OSHA: N ORD: N ST : Y TRI : N FED : N FFCA:
 OTHER 1: OTHER 2: OTHER 3:

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		FY96 DRIVER CATEGORY			IMM RISK
					DECREMENT	TARGET	PLAN	
OE	7,342	7,802		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	0		D	0	0	0	0
				E	7,427	7,427	7,427	7,427
TOTAL	7,342	7,802		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	7,427	7,427	7,427	7,427

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	7,427
CE	0
GPP	0
LI	0
TOTAL	7,427

Environmental Management
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TARGET LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	7,427	6,693	4,654	4,764	4,895
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	7,427	6,693	4,654	4,764	4,895

FTEs	FY94	FY95
Direct	66	63
Indirect	56	53
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	61	51	42	42	42
Indirect	51	43	35	35	35
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	7,427	6,693	4,654	4,764	4,895
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	7,427	6,693	4,654	4,764	4,895

FTEs	FY94	FY95
Direct	66	63
Indirect	56	53
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	61	51	42	42	42
Indirect	51	43	35	35	35
Federal	0	0	0	0	0

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Budget Detail Profile

				FY96 DRIVER CATEGORY				
				DECREMENT	TARGET	PLAN	IMM RISK	
DESC: RCRA/CERCLA								
SUB-DESC: C PROGRAM: EM SUBACT: RA								
TITLE: RADIATION AREA REMEDIAL ACTION (
APPROP: D								
				A	0	0	0	
				B	0	0	0	
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	
				D	0	0	0	
EW2010302	6,853	7,304		E	7,427	7,427	7,427	
35EW20100	0	0		F	0	0	0	
39EW20100	0	0		G	0	0	0	
39EW20100	0	0		H	0	0	0	
				I	0	0	0	
TOTAL	6,853	7,304		TOTAL	7,427	7,427	7,427	

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW2010302	7,427
35EW20100	0
39EW20100	0
39EW20100	0
TOTAL	7,427

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW2010302	7,427	6,693	4,654	4,764	4,895
35EW20100	0	0	0	0	0
39EW20100	0	0	0	0	0
39EW20100	0	0	0	0	0
TOTAL	7,427	6,693	4,654	4,764	4,895

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW2010302	7,427	6,693	4,654	4,764	4,895
35EW20100	0	0	0	0	0
39EW20100	0	0	0	0	0
39EW20100	0	0	0	0	0
TOTAL	7,427	6,693	4,654	4,764	4,895

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Budget Detail Profile

DESC: RCRA/CERCLA				FY96 DRIVER CATEGORY			
SUB-DESC: C PROGRAM: EM SUBACT: RB				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: UNDERGROUND STORAGE TANKS (USTs)							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	B	C	D
EW2010302	489	498		0	0	0	0
35EW20100	0	0		0	0	0	0
39EW20100	0	0		0	0	0	0
39EW20100	0	0		0	0	0	0
TOTAL	489	498		0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW2010302	0
35EW20100	0
39EW20100	0
39EW20100	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW2010302	0	0	0	0	0
35EW20100	0	0	0	0	0
39EW20100	0	0	0	0	0
39EW20100	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW2010302	0	0	0	0	0
35EW20100	0	0	0	0	0
39EW20100	0	0	0	0	0
39EW20100	0	0	0	0	0
TOTAL	0	0	0	0	0

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A106 Cross References

A106 Number: RA-010	Date: 6/23/92
Title: ER-RAD AREA REDUCTION	
Federal Facility Identification:	
Region:	Assessment:
Status:	Progress:
A106 Number: RA-037	Date: 6/23/92
Title: INACTIVE UNDERGROUND STORAGE TANKS	
Federal Facility Identification:	
Region:	Assessment:
Status:	Progress:

Tiger Team Cross References

Tiger Team Finding Number:	Date:
Title:	

FY95-99 ADS Cross References

ADS #: RL 3010 0
Title: RARA/USTs
Transferred in its entirety: Y
Explanation of Change:
NO CHANGE

MILESTONES

Milestone No.: Milestone Seq: 3010-00-0010 TPA MS NO.: NONE
Title: COMPLETE REQUIRED HERBICIDE APPLICATION (ANNUALLY)
Planning Date Target Date Decrement Date Level: CNTR Keyword: CI
9/30/1994 9/30/1994 9/30/1994 PTS: N SMS: N
Driver Name: DOE Driver Reference: 5820.2A/5480.1A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
Complete required herbicide application to prevent uptake and spreading of
contamination. This is an annual Milestone through FY 2000.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 3010-00-0045 TPA MS NO.: NONE
Title: COMPLETE REMOVAL OF FOUR ORPHAN UNDERGROUND STORAGE TANKS
Planning Date Target Date Decrement Date Level: FO Keyword: CI
9/30/1994 9/30/1994 9/30/1994 PTS: N SMS: N
Driver Name: ST Driver Reference: WAC 173-360
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:

Milestone No.: Milestone Seq: 3010-00-0050 TPA MS NO.: NONE
Title: COMPLETE REMOVAL OF REMAINING ORPHAN UNDERGROUND STORAGE TANKS
Planning Date Target Date Decrement Date Level: FO Keyword: CI
9/30/1995 9/30/1995 9/30/1995 PTS: N SMS: N
Driver Name: ST Driver Reference: WAC 173-360
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:

NARRATIVE

LAST UPDATE: 04-24-1994 TIME: 14:06:13

Technical Scope Summary(Limit 15 line or less):

RARA - The purpose of the Radiation Area Remedial Action (RARA) activities is to reduce and/or control the radioactive contamination on inactive waste sites at Hanford. Interim corrective actions are employed to stabilize the site and prevent the spread of contamination. This decreases the potential risk to Hanford workers and the public prior to final remediation.

USTs - The Underground Storage Tanks (UST) activity supports the scope of work required in FY93-FY95 to maintain compliance with the requirements of Chapter 173-360 of the Washington Administrative Code and in support of the removal and disposition of inactive (orphan) underground storage tanks. Also included is this scope of work is the characterization and remediation of the removal site, if a release of product has occurred while the tank was in service.

Technical Scope Detail(Limit 104 lines or less):

Radiation Area Remedial Action:

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The primary objective of the RARA activities is to reduce and control radioactive and hazardous contamination on inactive outdoor waste sites. This is done to prevent unnecessary exposure to workers on existing sites. This activity will be required until final remediation. The RARA activity is made up of three tasks: (1) Decontamination and Stabilization, (2) Surveillance and Maintenance, and (3) Vegetation Management.

Decontamination and Stabilization: This activity provides for the resources required to either decontaminate or otherwise stabilize surface radioactive contamination on inactive outdoor sites. Since the late 1970s approximately 2,100 acres have been either decontaminated or stabilized. This acreage includes inactive cribs, ponds, ditches, trenches, unplanned release sites and burial grounds. In order to accomplish the objective, large quantities of surface soils must be moved with heavy equipment such as scrapers, bulldozers, tractors, and dump trucks. Because of prohibitive burial costs the alternative is to consolidate the contaminated soil within the original site boundaries and stabilize the resultant wind rows with clean fill dirt. The site is then revegetated to prevent wind erosion. It appears that all of the identified sites that are the responsibility of the Environmental Restoration Operation included in the Hanford Site Surface Soil Radioactive Contamination Control Plan, WHC-EP-0489-2, (except the BC Crib Controlled Area) will be interim stabilized by the end of fiscal year 1997.

Stabilization/Decontamination of the BC Crib Control Area is not currently funded. The BC Crib Control Area is located directly south of the 200 East Area. It consists of approximately 5 square miles of spotty surface contamination of varying levels. The area was discovered in 1958. It was postulated that a badger of some other animal burrowed into one of the backfilled trenches and exposed a radioactive salt layer. Rabbits and other animals then ingested the contaminated salts and defecated in the surrounding undisturbed sagebrush area. Estimates of the areas size vary widely, and no investigation has been completed which definitively locates the boundaries.

RARA Surveillance and Maintenance: This activity includes the surveillance and maintenance of inactive outdoor radiation areas. This includes responding to radiation problem reports (RPRs) issued by Health Physics, upgrading posting signs and barricades and performing routine surveillances for contamination spread and weed growth. Inactive burial grounds are inspected and load tested periodically to appraise for cave-in potential. These activities will be required on these sites until final remediation is completed.

Vegetation Management: This activity includes the labor, material, and contracts to conduct an aggressive weed control program on RARA inactive outdoor sites. Due to the climate and soil conditions at Hanford, disturbed soils are highly susceptible to deep rooted annual weed growth such as tumbleweeds and russian thistles. In order to prevent

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contamination uptake through the plant's root system and spreading when the plant dies it is imperative that these weeds are controlled by the application of appropriate herbicides. Both Spring and Fall applications are utilized in order to maintain growth control.

Underground Storage Tanks:

The objective of this activity is to assure compliance with Washington Administrative Code (WAC) 173-360, Underground Storage Tank Regulations. These rules were adopted November 28, 1990, and became effective December 29, 1990. This task addresses only the Orphan UST program that contain nonradioactive material.

The purpose of these regulations is to protect human health and the environment from the threat of leaking UST systems containing petroleum and other regulated substances by closing old tanks.

Over 50 UST systems at the Hanford Site are currently affected by WAC 173-360. These systems are categorized based on the age, use, contents, and construction of the tank which dictates the extent to which they are affected by the regulation. Within the past five years, 51 regulated Hanford UST systems have been removed from the ground in accordance with state UST regulations.

Of the remaining regulated tanks, 11 are permanently out of service and will be closed by removal when funds are made available (6 tanks are included in the UST program, the remaining five tanks will be funded by identified owners). These orphan tanks have no known owner or operator, were abandoned years ago, and are primarily associated with retired facilities or old gas station sites. This number may increase if additional abandoned tanks (orphans) are discovered.

The UST program is currently on schedule for completion of committed milestones. A transfer plan has been prepared to transfer responsibility for leak testing to the applicable program for all active UST systems. Only orphan tanks will be retained within the activity. Orphan tanks will be retained within the UST program until all are removed and documented by the end of FY 1995.

Act. Comp. to Date/Current Year (FY 1994) Desc. (Limit 52 lines or less):
Radiation Area Remedial Action:

From its inception in the late 1970's the RARA program has been responsible for the decontamination/stabilization of approximately 2,000 acres including inactive cribs, ponds, ditches, trenches, unplanned release sites and burial grounds. In addition, these sites have been maintained by routine surveys, postings, weed control, and timely response to radiation

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problem reports (RPRs).

Tasks planned for FY 1994 include the surface stabilization of the following sites: 216-T4-1 Ditch, 107-C Retention Basin, 107-KE Retention Basin, 107-KW Retention Basin, 216-U-8 Crib, and 218-E-12A Burial Ground. The sites will be revegetated after stabilization work is completed and posted as appropriate. Herbicide will be applied to RARA sites in both the fall and spring time frames in order to control undesirable deep rooted annual weed growth. Personnel will respond to RPRs on RARA sites in a timely manner to keep the backlog to a minimum.

Underground Storage Tanks:

Within the last five years 51 UST systems on the Hanford Site have been removed from the ground in accordance with the earlier federally mandated program as well as under the current state regulations. In addition, release detection and tightness testing has been completed on an annual basis in accordance with these regulations.

Four orphan underground storage tanks will be removed in FY 1994.

Budget Year (FY 1995) Description(Limit 52 lines or less):

Radiation Area Remedial Action:

Decontamination and Stabilization (\$2,962K): This activity provides for the resources required to either decontaminate or otherwise stabilize surface radioactive contamination on inactive outdoor sites per priority identified in the Hanford Site Surface Soil Radioactive Contamination Control Plan (WHC-EP-0489). These sites include inactive cribs, ponds, ditches, trenches, unplanned release sites and burial grounds. In order to accomplish the objective, large quantities of surface soils must be moved with heavy equipment such as scrapers, bulldozers, tractors, and dump trucks. Because of prohibitive burial costs the alternative is to consolidate the contaminated soil within the original site boundaries and stabilize the resultant wind rows with clean fill dirt. The site is then revegetated to prevent wind erosion. It appears that all of the identified sites (except the BC Crib Controlled Area) will be interim stabilized by the end of fiscal year 1997. Restabilization of previously interim stabilized sites that again become surface contaminated (due to plant uptake, transpiration, etc.) is not funded (e.g., 218-E-18A and 218-E-18B Burial Grounds).

RARA Surveillance and Maintenance (\$3,533K): This activity includes the surveillance and maintenance of inactive outdoor radiation areas. This includes responding to radiation problem reports (RPRs) issued by Health Physics, upgrading posting signs and barricades and performing routine surveillances for contamination spread and weed growth. Periodically, inactive burial grounds are inspected and load tested to appraise for cave-

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in potential. These activities will be required on these sites until final remediation is completed.

Vegetation Management (\$809K): This activity includes the labor, material, and contracts to conduct an aggressive weed control program on RARA inactive outdoor sites. Due to the climate and soil conditions at Hanford, disturbed soils are highly susceptible to deep rooted annual weed growth such as tumbleweeds and russian thistles. In order to prevent contamination uptake through the plant's root system and spreading when the plant dies it is imperative that these weeds are controlled by the application of appropriate herbicides. Both Spring and Fall applications are utilized in order to maintain growth control.

Underground Storage Tanks (\$498K):

Complete the removal of remaining orphan USTs and complete the required documentation and reporting requirements. The removal of these tanks will end this activity and future funding requirements unless additional orphan tanks are found. If additional orphan tanks are found, additional funding will be requested.

Planning Year (FY 1996) Description(Limit 156 lines or less):

The Decrement, Target and Planning levels are equal in FY 1996.

Radiation Area Remedial Action:

The RARA activity is made up of these tasks: (1) Decontamination and stabilization; (2) Surveillance and maintenance; and (3) Vegetation management.

Decontamination and Stabilization (\$3,031K): This activity provides for the resources required to either decontaminate or otherwise stabilize surface radioactive contamination on inactive outdoor sites per priority identified in the Hanford Site Surface Soil Radioactive Contamination Control Plan (WHC-EP-0489). These sites include inactive cribs, ponds, ditches, trenches, unplanned release sites and burial grounds. In order to accomplish the objective, large quantities of surface soils must be moved with heavy equipment such as scrapers, bulldozers, tractors, and dump trucks. Because of prohibitive burial costs the alternative is to consolidate the contaminated soil within the original site boundaries and stabilize the resultant wind rows with clean fill dirt. The site is then revegetated to prevent wind erosion. It appears that all of the identified sites (except the BC Crib Controlled Area) will be interim stabilized by the end of fiscal year 1997. Restabilization of previously interim stabilized sites that again become surface contaminated (due to plant uptake, transpiration, etc.) is not funded (e.g., 218-E-18A and 218-E-18B Burial Grounds).

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RARA Surveillance and Maintenance (\$3,568K): This activity includes the surveillance and maintenance of inactive outdoor radiation areas. This includes responding to radiation problem reports (RPRs) issued by Health Physics, upgrading posting signs and barricades and performing routine surveillances for contamination spread and weed growth. Periodically, inactive burial grounds are inspected and load tested to appraise for cave-in potential. These activities will be required on these sites until final remediation is completed.

Vegetation Management (\$828K): This activity includes the labor, material, and contracts to conduct an aggressive weed control program on RARA inactive outdoor sites. Due to the climate and soil conditions at Hanford, disturbed soils are highly susceptible to deep rooted annual weed growth such as tumbleweeds and russian thistles. In order to prevent contamination uptake through the plant's root system and spreading when the plant dies it is imperative that these weeds are controlled by the application of appropriate herbicides. Both Spring and Fall applications are utilized in order to maintain growth control.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

Radiation Area Remedial Action:

Stabilization activities for the sites identified in the Hanford Site Surface Soil Radioactive Contamination Control Plan, WHC-EP-0489-2, will be completed by the end of FY 1997 with the exception of the cleanup of the BC Crib Controlled Area. Restabilization of previously interim stabilized sites that again become surface contaminated (due to plant uptake, transpiration, etc.) is not funded (e.g., 218-E-18A and 218-E-18B Burial Grounds).

Vegetation Management and Surveillance and Maintenance of inactive waste sites will continue through FY 2000 and beyond. Corrective actions to control contamination migration from previously stabilized sites will continue until final remediation.

Impacts/Assumptions(Limit 42 lines or less):

Engineering techniques and strategies will need to be developed and demonstrated for a cost effective method to clean up large areas with spotty random contamination (BC Crib Controlled Area).

Interim stabilization activities on RARA sites included in the Hanford Site Surface Soil Radioactive Contamination Control Plan, WHC-EP-0489-2, (except the BC Crib Control Area) will be completed by the end of FY 1997.

Re-stabilization of previously interim stabilized sites that become surface re-contaminated (due to plant uptake, transpiration, etc.) or newly discovered contaminated areas are not funded. If large areas must be re-

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stabilized, the ability to perform the routine surveillance and maintenance tasks will be impacted.

Surveillance and Maintenance of RARA sites (including corrective actions) and Vegetation Management will continue until final remediation.

Remaining known orphan tanks will be removed by the end of FY 1995. It is possible that additional abandoned tanks may be discovered in the future. If additional orphan tanks are found additional funding will be requested.

One of four tanks removed will be found to have leaked sometime in the past.

The scope of work covered by the stabilization funding in this ADS covers corrective actions for RARA sites only. Other contaminated sites listed in the Waste Information Data System (WIDS) are covered in various other ADSs depending on their ownership responsibility.

Supporting Documents(Limit 5 lines or less):

Radiation Area Remediation Action:

This effort responds to state code WAC 173-303.

Underground Storage Tanks:

The UST Program is governed by WAC 173-360, UST Regulations.

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review will be submitted under separate cover.

DESCRIPTION OF REGULATORY DRIVERS

DOE:

Various DOE Orders to provide and/or implement best management practices for policy and guidance to execute the environmental restoration program. The project scope, cost, and schedule are a direct result of conforming to these various orders.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

ST:

Failure to comply with WAC may subject DOE-RL for its contractor to civil penalties up to \$5K per day per tank for each violation. Field citations may be issued by Ecology for minor non-compliance issues related to USTs. Range from \$100 to \$500.

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EL-1010-9 - Data - 10/15/98 11:00

DESCRIPTION OF REGULATORY DRIVER CONTINUED

ST: Failure to comply with WAC may subject DYE-EL for the contractor to civil penalties up to \$2K per day per tank for each violation. Field stations may be issued by Ecology for other non-compliance issues related to USTs. Range from \$100 to \$200.

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Operations Office: RL ID No.: 3020- 0 Revision Date: 4/22/1994
 ADS Title: RCRA CLOSURES
 WBS No.: 1.4.10.1.1.2 Category: ER Appr.: D
 Project Title: RCRA CLOSURES Facility/WAG: SITE WIDE
 Installation: HANFORD CID: RL10930 %OVHD: 19
 For Line Item Project: N/A TPC: 51227 TEC: 51227
 Contig: 0
 CNTR Manager: DILLON, LD Phone: 509-376-5259
 O.O. Manager: MCLEOD, RG Phone: 509-372-0096
 H.Q. Manager: JANASKIE, M Phone: 301-903-7428
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: TRU: TRU MIX: LLW: MLLW: HAZ: SANT: SNF:

REGULATORY DRIVERS

CAA: N CWA: N SDWA: N RCRA: Y 3004U: N TSCA: N CERCLA: N NEPA: Y
 DOE: Y IAG: N OSHA: N ORD: N ST : Y TRI : Y FED : N FFCA:
 OTHER 1: OTHER 2: OTHER 3:

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		FY96 DRIVER CATEGORY			IMM RISK
					DECREMENT	TARGET	PLAN	
OE	3,826	6,446		A	0	154	2,094	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	0		D	0	0	0	0
				E	0	0	0	0
TOTAL	3,826	6,446		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	0	154	2,094	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	0
CE	0
GPP	0
LI	0
TOTAL	0

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	154	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	154	0	0	0	0

FTEs	FY94	FY95			
Direct	37	60			
Indirect	31	50			
Federal	0	0			

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	2	0	0	0	0
Indirect	1	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	2,094	1,278	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	2,094	1,278	0	0	0

FTEs	FY94	FY95			
Direct	37	60			
Indirect	31	50			
Federal	0	0			

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	15	9	0	0	0
Indirect	13	7	0	0	0
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: RCRA					FY96 DRIVER CATEGORY			
SUB-DESC: A	PROGRAM: EM	SUBACT: AA	DECREMENT	TARGET	PLAN	IMM RISK		
TITLE: RCRA CLOSURES-ASSESSMENT								
APPROP: D								
			A	0	0	1,940	0	
			B	0	0	0	0	
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	
			D	0	0	0	0	
EW2010201	3,365	2,537	E	0	0	0	0	
35EW20100	0	0	F	0	0	0	0	
39EW20100	0	0	G	0	0	0	0	
39EW20100	0	0	H	0	0	0	0	
			I	0	0	0	0	
TOTAL	3,365	2,537	TOTAL	0	0	1,940	0	

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW2010201	0
35EW20100	0
39EW20100	0
39EW20100	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW2010201	0	0	0	0	0
35EW20100	0	0	0	0	0
39EW20100	0	0	0	0	0
39EW20100	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW2010201	1,940	1,278	0	0	0
35EW20100	0	0	0	0	0
39EW20100	0	0	0	0	0
39EW20100	0	0	0	0	0
TOTAL	1,940	1,278	0	0	0

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Budget Detail Profile

DESC: RCRA						FY96 DRIVER CATEGORY			
SUB-DESC: C PROGRAM: EM SUBACT: RA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: RCRA CLOSURES-REMEDATION									
APPROP: D									
					A	0	154	154	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW2010202	461	3,909			E	0	0	0	0
35EW20100	0	0			F	0	0	0	0
39EW20100	0	0			G	0	0	0	0
39EW20100	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	461	3,909			TOTAL	0	154	154	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW2010202	0
35EW20100	0
39EW20100	0
39EW20100	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW2010202	154	0	0	0	0
35EW20100	0	0	0	0	0
39EW20100	0	0	0	0	0
39EW20100	0	0	0	0	0
TOTAL	154	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW2010202	154	0	0	0	0
35EW20100	0	0	0	0	0
39EW20100	0	0	0	0	0
39EW20100	0	0	0	0	0
TOTAL	154	0	0	0	0

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A106 Cross References

A106 Number: D/D-011	Date: 6/23/92
Title: CLOSURE OF 183-H BASINS	
Federal Facility Identification:	
Region:	Assessment:
Status:	Progress:
A106 Number: RA-034	Date: 6/23/92
Title: ER-300 AREA PROCESS TRENCHES	
Federal Facility Identification:	
Region:	Assessment:
Status:	Progress:
A106 Number: RA-035	Date: 6/23/92
Title: ER-B-POND AND A-29 DITCH INTRM, RA	
Federal Facility Identification:	
Region:	Assessment:
Status:	Progress:
A106 Number: RA-036	Date: 6/23/92
Title: ER-NRDWL CLOSURE	
Federal Facility Identification:	
Region:	Assessment:
Status:	Progress:
A106 Number: RA-046	Date: 6/23/92
Title: ER-216-U-12 CRIB CLOSURE/POST CLOSURE PLAN	
Federal Facility Identification:	
Region:	Assessment:
Status:	Progress:
A106 Number: RA-047	Date: 6/23/92
Title: ER-276-S-141 & 142 HEXONE STO TANK CLOSURE PLAN	
Federal Facility Identification:	
Region:	Assessment:
Status:	Progress:
A106 Number: RA-052	Date: 6/23/92
Title: 216-A-36B CRIB CLOSURE	
Federal Facility Identification:	
Region:	Assessment:
Status:	Progress:
A106 Number: RA-053	Date: 6/23/92
Title: 216-A-10 CRIB CLOSURE	
Federal Facility Identification:	
Region:	Assessment:
Status:	Progress:

Tiger Team Cross References

Tiger Team Finding Number:	Date:
Title:	

FY95-99 ADS Cross References

FY95-99 ADS Cross References Continued

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ADS #: RL 3020 0
Title: RCRA CLOSURES
Transferred in its entirety: Y
Explanation of Change:
NO CHANGE

ADS #: RL 3600 0
Title: N REACTOR
Transferred in its entirety: N
Explanation of Change:
Funding & scope for preparation of RCRA Closure Plans for 1301N/1325N TSDs (Cribs) and 1324N/NA Impoundments transferred from ADS RL3020-0. This transfer combined these efforts with other site RCRA Closure actions.

~~MILESTONES~~

Milestone No.: Milestone Seq: 3020-00-0005 TPA MS NO.: NONE
Title: COMPLETE VEGETATION STUDY PROJECT
Planning Date Target Date Decrement Date Level: CNTR Keyword: ROD
9/30/1996 PTS: N SMS: N
Driver Name: RCRA Driver Reference: RCRA SECTION 3004U
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Complete Vegetation Study Project to provide a technical baseline on the relative value of using additives to increase soil fertility and moisture retention.
Milestone not supported in Target or Decrement case.

Milestone No.: Milestone Seq: 3020-00-0025 TPA MS NO.: M-20-36
Title: M-20-36 SUBMIT 216-A-29 DITCH CLOSURE/POST CLOSURE (SEE DESC.)
Planning Date Target Date Decrement Date Level: HQ Keyword: ROD
5/31/1996 PTS: Y SMS: N
Driver Name: TRI Driver Reference: TPA 5/89
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
CONT. MS TITLE: M-20-36 SUBMIT 216-A-29 DITCH CLOSURE/POST CLOSURE PLAN TO EPA/ECOLOGY. Milestone not supported in Target or Decrement Case. Failure to comply with RCRA will result in criminal penalties and fines.

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Milestone No.: Milestone Seq: 3020-00-0075 TPA MS NO.: M-20-33
Title: M-20-33 SUBMIT 216-A-10 CRIB CLOSURE/POST CLOSURE (SEE DESC.)
Planning Date Target Date Decrement Date Level: HQ Keyword: ROD
3/31/1996 PTS: Y SMS: N
Driver Name: TRI Driver Reference: TPA 5/89
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
CONT. MS TITLE: M-20-33 SUBMIT 216-A-10 CRIB CLOSURE/POST CLOSURE PLAN TO
EPA/ECOLOGY. Milestone not supported in Target or Decrement Case. Failure to
comply with RCRA will result in criminal penalties and fines.

Milestone No.: Milestone Seq: 3020-00-0080 TPA MS NO.: M-20-38
Title: M-20-38 SUBMIT 216-B-63 TRENCH CLOSURE/POST CLOSURE (SEE DESC.)
Planning Date Target Date Decrement Date Level: HQ Keyword: ROD
5/31/1996 PTS: Y SMS: N
Driver Name: TRI Driver Reference: TPA 5/8
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: Y Current Year Workplan: N Safety and Health: N
Description:
CONT. MS TITLE: M-20-38 SUBMIT 216-B-63 TRENCH CLOSURE/POST CLOSURE PLAN TO
EPA/ECOLOGY. Milestone not supported in Target or Decrement Case. Failure to
comply with RCRA will result in criminal penalties and fines.

Milestone No.: Milestone Seq: 3020-00-0085 TPA MS NO.: M-20-39
Title: M-20-39 SUBMIT 216-S-10 POND & DITCH CLOSURE PLAN TO EPA/ECOLOGY
Planning Date Target Date Decrement Date Level: HQ Keyword: ROD
5/31/1996 PTS: Y SMS: N
Driver Name: TRI Driver Reference: TPA 5/89
PRESENT IN Tiger Team: Y Program Execution Guidance: Y
Roadmap: Y Current Year Workplan: N Safety and Health: N
Description:
M-20-39 Submit 216-S-10 Pond and Ditch Closure Plans to EPA/Ecology. Milestone not
supported in Target or Decrement Case. Failure to comply with RCRA will result in
criminal penalties and fines.

Milestone No.: Milestone Seq: 3020-00-0095 TPA MS NO.: M-20-34
Title: M-20-34 SUBMIT 216-A-36B CRIB CLOSURE/POST CLOSURE (SEE DESC.)
Planning Date Target Date Decrement Date Level: HQ Keyword: ROD
3/31/1996 PTS: Y SMS: N
Driver Name: TRI Driver Reference: TPA 5/89
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
CONT. MS TITLE: M-20-34 SUBMIT 216-A-36B CRIB CLOSURE/POST CLOSURE PLAN TO
EPA/ECOLOGY. Milestone not supported in Target or Decrement Case. Failure to
comply with RCRA will result in criminal penalties and fines.

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Milestone No.: Milestone Seq: 3020-00-0020 TPA MS NO.: NONE
Title: SUBMIT REV. 1 CLOSURE PLAN TO ECOLOGY FOR CLEAN (SEE DESC.)
Planning Date Target Date Decrement Date Level: FO Keyword: ROD
12/15/1993 12/15/1993 12/15/1993 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: RCRA SECTION 3004U
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
CONT. MS TITLE: SUBMIT REV. 1 CLOSURE PLAN TO ECOLOGY FOR CLEAN CLOSURE OF LOBES A,
B, AND C FOR PUBLIC COMMENT

Milestone No.: Milestone Seq: 3020-00-0015 TPA MS NO.: M-20-31
Title: M-20-31 SUBMIT 1301-N/1325-N LIQUID WASTE DISPOSAL (SEE DESC.)
Planning Date Target Date Decrement Date Level: HQ Keyword: ROD
5/31/1994 5/31/1994 5/31/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TPA 5/89
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
PLAN TO EPA/ECOLOGY CONT MS TITLE: M-20-31 SUBMIT 1301-N/1325-N LIQUID WASTE
DISPOSAL FACILITIES CLOSURE/POST-CLOSURES

Milestone No.: Milestone Seq: 3020-00-0100 TPA MS NO.: M-20-32
Title: M-20-32 SUB 300 AREA PROCESS TRENCHES CLOSURE/ (SEE DESC.)
Planning Date Target Date Decrement Date Level: HQ Keyword: ROD
8/15/1994 8/15/1994 8/15/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TPA 5/89
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
CONT. MS TITLE: M-20-32 SUB 300 AREA PROCESS TRENCHES CLOSURE/POST CLOSURE PLAN TO
EPA/ECOLOGY

Milestone No.: Milestone Seq: 3020-00-0010 TPA MS NO.: M-20-35
Title: M-20-35 SUBMIT 1324-N/1324-NA CLOSURE PLAN TO EPA/ECOLOGY
Planning Date Target Date Decrement Date Level: HQ Keyword: ROD
9/30/1994 9/30/1994 9/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TPA 5/89
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
M-20-35 Submit 1324-N/1324-NA Closure Plan to EPA/Ecology.

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Milestone No.: Milestone Seq: 3020-00-0090 TPA MS NO.: M-20-37
Title: M-20-37 SUBMIT 216-U-12 CRIB CLOSURE/POST CLOSURE (SEE DESC.)
Planning Date Target Date Decrement Date Level: HQ Keyword: ROD
11/30/1994 11/30/1994 11/30/1994 PTS: Y SMS: N
Driver Name: TRI Driver Reference: TPA 5/89
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: Y Current Year Workplan: Y Safety and Health: N
Description:
CONT. MS TITLE: M-20-37 SUBMIT 216-U-12 CRIB CLOSURE/POST CLOSURE PLAN TO
EPA/ECOLOGY

Milestone No.: Milestone Seq: 3020-00-0030 TPA MS NO.: NONE
Title: COMPLETE 183-H FACILITY DEMOLITION AND CLOSURE
Planning Date Target Date Decrement Date Level: HQ Keyword: CI
9/30/1995 9/30/1995 9/30/1995 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: RCRA SECTION 3004U
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
Negotiations are underway with the regulators to defer demolition and closure until
the operable unit work is done.

NARRATIVE

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Technical Scope Summary(Limit 15 line or less):

The objective of RCRA Closures is to comply with the TPA and WAC 173-303 in providing a plan (Closure Plan) and implementing closure (clean-up) for certain waste management units categorized as TSD units that are not seeking an operating permit. These activities will not complete the assessment (closure plan) phase nor enter the remediation phase of closure (except the 183-H Solar Basins) at the current target funding level.

Technical Scope Detail(Limit 104 lines or less):

The objective of the RCRA Closures activity is to comply with the TPA in providing a plan and implementing closure of selected waste management units categorized as TSD units. The inactive RCRA Waste Sites include landfill, ditches, ponds, and miscellaneous other TSD units. The workscope includes the following specific facilities: 183-H Solar Basins, Non-Radioactive Dangerous Waste Landfill (NRDWL), B Pond and B Pond By-Pass, Hexone Storage and Treatment Facility, 300 Area Process Trenches, 216-A-10 Crib, 216-U-12 Crib, 216-A-36B Crib, 216-A-29 Ditch, 100-D Ponds, 216-B-63 Trench, 216-S-10 Pond, 1301-N/1325-N Liquid Waste Disposal Facilities, and

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1324-N/1324-NA Surface Impoundments (HR Trumble is the field office point of contact for the 1301-N/1325-N Liquid Waste Disposal Facilities and 1324-N/1324-NA Surface Impoundments closure plans - Phone: 509-376-3721). These activities will not complete the assessment (closure plan) phase nor enter the remediation phase of closure (except the 183-H Solar Basins) at the current target funding level.

Closure plans have been written for the following TSD sites and are currently in the Notice of Deficiency (NOD) response phase: 1) 183-H Solar Basins - Closure will not be done as a landfill, but as a clean or modified closure. 2) NRDWL - Facility will be closed as a landfill in accordance with the closure plan, 3) 216-B-3 Pond - Lobes A, B, and C will be clean closed and nonhazardous liquid discharges will continue via the B-Pond By-Pass, 4) Hexone Storage and Treatment Facility - Tanks have not leaked and the site will not require major remediation activities after the tanks have been removed, 5) 100-D Ponds - facility will be clean closed, either as clean or modified, without residual soil contamination remaining that could pose a threat to human health or the environment, and 6) 2101-M Pond-site will be clean closed (only managed by EM-40, funded elsewhere). Closure plans are currently being prepared for the following TSD sites: 1) 300 Area Process Trenches - Closure plan will be issued to Ecology and EPA by August 1994 to satisfy TPA Milestone M-20-32, 2) 216-U-12 Crib - Closure plan will be issued to Ecology and EPA by November 30, 1994 to satisfy TPA Milestone M-20-37, 3) 1301-N/1325-N Liquid Waste Disposal Facilities - Closure plan will be issued to Ecology and EPA by May 1994 to satisfy TPA Milestone M-20-31, and 4) 1324-N/1324-NA Surface Impoundments - Closure plan will be issued to Ecology and EPA by September 1994 to satisfy TPA Milestone M-20-35.

Closure plans for the following TSD sites will be started in FY 1995: 1) 216-A-10 Crib - Closure plan will be issued to Ecology and EPA by March 1996 to satisfy TPA Milestone M-20-33, 2) 216-A-36B - Closure plan will be issued to Ecology and EPA by March 1996 to satisfy TPA Milestone M-20-34, 3) 216-A-29 Ditch - Closure plan will be issued to Ecology and EPA by May 1996 to satisfy TPA Milestone M-20-36, 4) 216-B-62 Trench - Closure plan will be issued to Ecology and EPA by May 1996 to satisfy TPA Milestone M-20-38, and 5) 216-S-10 Pond & Ditch - Closure plan will be issued to Ecology and EPA by May 1996 to satisfy TPA Milestone M-20-39.

Act. Comp. to Date/Current Year (FY 1994) Desc. (Limit 52 lines or less):

The NRDWL, B-Pond Stabilization and Closure, Hexone Storage and Treatment Facility, 100-D Pond, and 2101-M Pond closure plans have been submitted to Ecology and are now in the notice of deficiency (NOD) response phase. The 183-H Solar Basins closure will not be done as a landfill, but as a clean or modified closure.

The following workscope will be performed in FY 1994. Initiate preparation of the closure plan for the 216-U-12 Crib. Complete the 300 Area Process

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Trenches, the 1301-N/1325-N Liquid Waste Disposal Facilities, and the 1324-N/1324-NA Surface Impoundments Closure Plans and transmit to EPA and Ecology per TPA Milestones M-20-32, M-20-31 and M-20-35, respectively. Continue closure activities for NRDWL, B-Pond, 100-D Pond, 2101-M Pond, and the Hexone Storage and Treatment Facility. Complete construction of the B-Pond by-pass line. Complete the interim stabilization of B-Pond. Recommend a 183-H Solar Basin closure option based on the sampling analysis results and reach agreement with Ecology on the permit condition. The vegetation study will continue.

Budget Year (FY 1995) Description(Limit 52 lines or less):

The following activities will be worked: Closure plan activities (NOD Response) continue for the following TSD units: Hexone Storage and Treatment Facility (\$273K), 100-D Ponds (\$261K), 216-B-3 Pond (\$377K), and the 300 Area Process Trenches (\$592K). No NOD response activities for the 1301-N/1325-N Liquid Waste Disposal Facilities, the 1324-N/1324-NA Surface Impoundment, or NRDWL are funded (NRDWL will be in the remediation phase which is not funded). Closure plan is completed for the 216-U-12 Crib (\$178K). Work is initiated on closure plans for the following TSD sites: 216-A-36B Crib (\$231K), 216-A-10 Crib (\$173K), 216-A-29 Ditch (\$118K), 216-B-63 Trench (\$126K), and 216-S-10 Pond & Ditch (\$117K). Issue a final report on the interim stabilization of B-Pond. Implementation of the 216-B-3 Expansion Ponds clean closure decision would be completed. The vegetation study (\$91K) will continue.

The implementation of the 183-H Solar Evaporation Basins closure plan (remediation) is funded (\$3,909K) assuming the concrete rubble can be used as backfill in the burial grounds. If the concrete rubble must be disposed of as waste, additional funding will be required.

If funding is not provided for these RCRA closure plans and activities, then the U.S. Department of Energy would be considered in violation of the Hanford Federal Facilities Agreement and Consent Order, the Resource Conservation and Recovery Act, and the Washington State Hazardous Waste Management Act, Chapter 70.105, RCW. Enforcement by the Department of Ecology or the Environmental Protection Agency includes injunctive relief, specific performance, or other relief available under applicable law which includes criminal fines and penalties.

Planning Year (FY 1996) Description(Limit 156 lines or less):

At the Decrement funding level no RCRA Closure activities will be performed in FY 1996. The 183-H Solar Basins final report will be completed (\$154K) at the target level in FY 1996.

The following TPA milestones will be missed at the target and decrement level: Submit 216-A-10 Crib Closure/Post Closure Plan to EPA/Ecology (M-

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20-33), Submit 216-A-36B Crib Closure/Post Closure Plan to EPA/Ecology (M-20-34), Submit 216-A-29 Ditch Closure/Post Closure Plan to EPA/Ecology (M-20-36), Submit 216-B-63 Trench Closure/Post Closure Plan to EPA/Ecology (M-20-38), and Submit 216-S-10 Pond & Ditch Closure/Post Closure Plan to EPA/Ecology (M-20-39).

The NOD phase will be stopped for the following closure plans: NRDWL, 216-B-Pond Main Lobe, HEXONE, 300 Area Process Trenches, and 100-D Ponds.

If funding is not provided for these RCRA closure plans and activities, then the DOE would be considered in violation of the TPA, the Resource Conservation and Recovery Act, and the Washington State Hazardous Waste Management Act, Chapter 70.105, RCW. Enforcement by the Ecology or the EPA includes injunctive relief, specific performance, or other relief available under applicable law which includes criminal fines and penalties.

PLANNING LEVEL:

If planning level funding is provided, the following activities would be completed: Submit 216-A-10 Crib Closure/Post Closure Plan to EPA/Ecology (M-20-33) (\$240K). The 216-A-10 Crib is a TSD unit located in the Hanford Site's central processing area (200 Aggregate Area) and is part of the 200-PO-2-OU which is classified as a process liquid OU, and is currently planned to undergo a separate closure/post-closure action from the investigation and characterization of the 200-PO-2 OU. The closure of the 216-A-10-Crib will be coordinated as much as possible with the 200-PO-2 OU. The TSD units of this type, and in particular the 216-A-10 Crib, are considered a possible source of groundwater contamination in and around the 200 Aggregate Area. This activity includes preparation of the closure plan along with the necessary characterization efforts to support the plan and actions necessary to close and monitor the TSD unit. Closure plan submittal (TPA M-20-33) is scheduled March 1996.

Submit 216-A-36B Crib Closure/Post Closure Plan to EPA/Ecology (M-20-34) (\$240K). The 216-A-36B Crib is a TSD unit located in the Hanford Site's central processing area (200 Aggregate Area) and is part of the 200-PO-2 which is classified as a process liquid OU, and is currently planned to undergo a separate closure/post-closure action from the investigation and characterization of the 200-PO-2. The closure of the 216-A-36B Crib will type, and in particular the 216-A-36B Crib, are considered a possible source of groundwater contamination in and around the 200 Aggregate Area. This activity includes preparation of the closure plan along with the necessary characterization efforts to support the plan and actions necessary to close and monitor the TSD unit. Closure plan submittal (TPA M-20-34) is scheduled March 1996.

Submit 216-A-29 Ditch Closure/Post Closure Plan to EPA/Ecology (M-20-36) (\$278K). The 216-A-29 Ditch (also known as Snow's Canyon) is located in the central portion of the Hanford Site within the 200-PO-5 OU. The 216-A-29 Ditch, which was placed in service in 1955, carried Plutonium-Uranium

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Extraction (PUREX) Plant chemical sewer liquid effluent to the 216-B-3-3 Ditch which flowed into the 216-B-3 Pond (B Pond). Even though it was used to transport liquid waste, it did have some percolation capacity and was categorized as a surface impoundment TSD unit (Ecology, et al, 1989). The approximate flow rate at the 216-A-29 Ditch was 1,000 gallon/min during PUREX operations. The 216-A-29 Ditch was removed from service and interim stabilized in 1991. The 216-A-29 Ditch Interim Stabilization final report was issued December 1991. Interim stabilization of the ditch was required to maintain the ditch in a stable configuration (to maintain environment control of any radioactive or potentially hazardous sediments). The closure of the 216-A-29 Ditch will be coordinated as much as possible with the 200-PO-5 OU. The TSD units of this type, and in particular the 216-A-29 Ditch, have received hazardous waste effluent discharges and provide a possible source for groundwater contamination in the 200 Aggregate Area. Closure plan submittal (TPA M-20-36) is scheduled May 1996.

Submit 216-B-63 Trench Closure/Post Closure Plan to EPA/Ecology (M-20-38) (\$278K). The 216-B-63 Trench is located 320 feet east of the 242-A Evaporator building and is currently a part of the 200-BP-8 operable unit. This site has received effluent from the 221-B, and the 271-B facility floor drains and chemical sewer wastes. This site has not received dangerous waste since September 1985. Closure plan submittal (TPA M-20-38) is scheduled for May 1996.

Submit 216-S-10 Pond & Ditch Closure/Post Closure Plan to EPA/Ecology (M-20-39) (\$247K). The 216-S-10 Pond is located within the 200-RO-1 operable unit, southwest of the REDOX facility (202-S). Until 1965 this site received chemical sewer waste from 202-S and overflow from the 216-S-10 ditch. In the 1960s this site received bearing cooling water from 202-S. The majority of the known discharges were considered dangerous waste only because of their pH at the time of release. By 1984, numerous administrative and engineering barriers had been implemented to prevent the disposal of dangerous waste to the chemical sewer line. Currently, the 216-S-10 Pond is inactive. This site was backfilled and interim stabilized in October 1984. Closure plan submittal (TPA M-20-39) is due May 1996.

Final revisions to the following closure plans will be completed:

Hexone Storage and Treatment Facility (\$176K). The hexone underground storage tanks (276-S-141 and 276-S-142) were built in 1957 for temporary storage of solvent (hexone) for the REDOX process. Hexone was stored in these tanks, and transferred as necessary to the 276-S solvent-handling building. In 1967 radioactively contaminated organics including tributyl, phosphate, and normal paraffin hydrocarbon were added to the tanks contents. Tanks have not received waste since late 1960's. The tanks (23,500 gallon capacity each) are located in the 200 West Area immediately northwest of REDOX Canyon Building and are part of the 200-RO-2 Operable Unit. Scope of work includes preparation, review, revision (as appropriate), and issuance of the closure/post-closure plan: performance of

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site characterization, and preparation of the closure/post-closure permit application. In the late 1980's, a distillation system was employed to reduce the radionuclide content of the approximately 35,000 gallons of waste. The distillation was stored in railcars and then trucked offsite and destroyed by incineration. Closure of the unit includes disposition of the tank railcars, distillation system, ancillary equipment, and piping. Closure plan submittal (TPA Milestone M-20-27) was completed November 1992.

100-D Ponds (\$113K). The 100-D Ponds are located within the 100-DR-1 operable unit boundary as designated in the TPA. Remedial action with respect to contaminants not derived from the operation of the 100-D Ponds as a TSD unit will be conducted under the RCRA Remedial Field Investigation/Corrective Measures Study (RFI/CMS) process. The 100-D Ponds Facility was a liquid disposal unit that may have received non-radioactive, regulated dangerous waste. The 100-D Ponds will no longer be used to dispose of dangerous waste and so will be closed as a RCRA regulated facility. Closure will be conducted in accordance with requirements of the Ecology Dangerous Waste Regulations, Washington Administrative Code (WAC) 173-303-610, and 40 Code of Federal Regulations (CFR) 265. Nondangerous liquid effluent from the 183-D WTF currently is being received, stored, and disposed of at the 100-D Ponds. The ponds are no longer used in disposal of dangerous wastes. Liquid effluent containing filter and settling basin residues from the 183-D WTF enters the facility at the northwest corner of the settling (south) pond. Residues precipitate out of the effluent while in the south pond where a portion of the effluent evaporates or infiltrates into the settling pond soil column. The remaining effluent enters a weir located in the settling pond and discharges to the percolation pond through transfer piping buried in the dike. The effluent then evaporates or infiltrates the percolation pond soil column. Closure plan submittal (TPA M-20-40) was completed February 1993.

216-U-12 Crib (\$267K). The 216-U-12 Crib is a TSD unit located in the Hanford Site's central processing area (200 Aggregate Area) and is part of the 200-UP-2 OU which is classified as a process liquid OU, and is currently planned to undergo a separate closure/post-closure action from the investigation and characterization of the 200-UP-2 OU. The closure of the 216-U-12-Crib will be coordinated as much as possible with the 200-UP-2 OU. The TSD units of this type, and in particular the 216-U-12 Crib, are considered a possible source of groundwater contamination in and around the 200 Aggregate Area. This activity includes preparation of the closure plan along with the necessary characterization efforts to support the plan and actions necessary to close and monitor the TSD unit. Closure plan submittal (TPA M-20-37) is scheduled November 1994.

The vegetation studies will be completed and the final report will be issued to serve as a technical baseline document (\$101K).

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

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No funding is identified at the target level in FY 1997 through FY 2000.

If funding is not provided for these RCRA closure plans and activities, then the DOE would be considered in violation of the TPA, the Resource Conservation and Recovery Act, and the Washington State Hazardous Waste Management Act, Chapter 70.105, RCW. Enforcement by the Department of Ecology or the Environmental Protection Agency includes injunctive relief, specific performance, or other relief available under applicable law which includes criminal fines and penalties.

If planning funding is provided, the following activities would be worked. The following closure plans will be completed in FY 1997: 216-A-36B Crib (\$258K), 216-A-10 Crib (\$258K), 216-A-29 Ditch (\$244K), 216-B-63 Trench (\$244K), and 216-S-10 Pond & Ditch (\$274K). No further closures or funding identified beyond FY 1997.

Impacts/Assumptions(Limit 42 lines or less):

Estimates for preparation of the closure plans are based upon actual costs for similar activities.

An agreement will be negotiated with the state and EPA to defer final remediation until the appropriate operable unit remediation work is begun. The Remediation will be funded by the OU.

Negotiations are proceeding to integrate the submittal of the following closure plans with past practice documentation: 216-U-12 Crib, 216-A-36B Crib, 216-A-29 Ditch, 216-B-63 Trench, and 216-S-10 Pond & Ditch.

Concrete rubble from the 183-H Solar Basins will be used as backfill in the burial grounds.

No funding has been planned (authorized) after FY 1997 to support RCRA closure activities.

There are major impacts to the RCRA closure activities in FY 1996. Target, planning, and decrement funding levels do not support any RCRA closure assessment or remediation activities (except the 183-H Solar Basins) and is limited in scope for the issuance of closure plans. A number of TPA milestones will be missed at the target and decrement funding levels. (See Planning Year (FY 1996) description for specific milestones.)

If funding is not provided for these RCRA closure plans and activities, then the DOE would be considered in violation of the TPA, the RCRA, and the Washington State Hazardous Waste Management Act, Chapter 70.105, RCW. Enforcement by Ecology or the EPA includes injunctive relief, specific performance, or other relief available under applicable law which includes criminal fines and penalties.

~~NARRATIVE Continued~~

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Laboratory fixed costs are included in the baseline analytical cost assumptions. Sample analysis costs included in the baseline are based on historical data and include all fixed and variable cost for SW-846 laboratory procedures.

Supporting Documents(Limit 5 lines or less):

Hanford Federal Facility Agreement and Consent Order (M-20-00) Resource Conservation and Recovery Act (RCRA) of 1996
Washington Administrative Code WAC-173-303
DOE Orders

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review will be submitted under separate cover.

DESCRIPTION OF REGULATORY DRIVERS

DOE:
Various DOE Orders to provide and/or implement best management practices for policy and guidance to execute the environmental restoration program. The project scope, cost, and schedule are a direct result of conforming to these various reports.

NEPA_R:
Affected Scope/Cost/Schedule: Application of NEPA to the subproject activities is to ensure that potential impacts of cleanup activities are assessed.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

RCRA:

RCRA provides Ecology enforcement authority for those units containing treatment, storage, and disposal under RCRA Section 3004U.

ST:

WAC provides Ecology with legal authority to administer civil penalties for violations which could damage or be an endangerment to the public or the environment.

TRI:

All subproject activities are affected by the TPA, an agreement and schedule between DOE, EPA, and Ecology for the cleanup of the past practice waste sites at Hanford.

DESCRIPTION OF REGULATORY DRIVERS CONTINUED

RCMA provides Ecology enforcement authority for those units containing treatment, storage, and disposal units (TSDF) Section 3004D.

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RCMA provides Ecology with authority to administer civil penalties for violations which could damage or be an endangerment to the public or the environment.

All subject activities are affected by the RCMA, an agreement was scheduled between DOE, EPA, and Ecology for the cleanup of the site. Practice was also at hand.

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Operations Office: RL ID No.: 3031- 1 Revision Date: 5/27/1992
 ADS Title: PROGRAM DIRECTION - WM
 WBS No.: 1.3.7.1.1 Category: WM Appr.: D
 Project Title: PROGRAM DIRECTION Facility/WAG: HANFORD SITE
 Installation: HANFORD CID: %OVHD: 0
 For Line Item Project: TPC: TEC:
 Contig: 0
 CNTR Manager: NONE Phone:
 O.O. Manager: LORENZ, AE Phone: 509-376-8669
 H.Q. Manager: ROBERSON, G Phone: 301-903-7989
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 0 MLLW: 0 HAZ: 0 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: Y CWA: Y SDWA: Y RCRA: Y 3004U: Y TSCA: Y CERCLA: Y NEPA: Y
 DOE: Y IAG: Y OSHA: Y ORD: Y ST : Y TRI : Y FED : Y FFCA:
 OTHER 1: OTHER 2: OTHER 3:

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		FY96 DRIVER CATEGORY			IMM RISK
					DECREMENT	TARGET	PLAN	
OE	14,439	23,079		A	23,303	23,303	23,303	23,303
CE	132	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	0		D	0	0	0	0
				E	0	0	0	0
TOTAL	14,571	23,079		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	23,303	23,303	23,303	23,303

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	23,303
CE	0
GPP	0
LI	0
TOTAL	23,303

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	23,303	24,705	26,182	27,944	29,731
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	23,303	24,705	26,182	27,944	29,731

FTEs	FY94	FY95			
Direct	128	141			
Indirect	0	0			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	205	211	217	224	231
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	23,303	24,705	26,182	27,944	29,731
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	23,303	24,705	26,182	27,944	29,731

FTEs	FY94	FY95			
Direct	128	141			
Indirect	0	0			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	205	211	217	224	231
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: PROGRAM DIRECTION				FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AA				DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: PROGRAM DIRECTION - WASTE MANAGE								
APPROP: D								
				A	23,303	23,303	23,303	23,303
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW3160000	14,439	23,079		E	0	0	0	0
35EW31600	132	0		F	0	0	0	0
39EW31600	0	0		G	0	0	0	0
39EW31600	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	14,571	23,079		TOTAL	23,303	23,303	23,303	23,303

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3160000	23,303
35EW31600	0
39EW31600	0
39EW31600	0
TOTAL	23,303

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3160000	23,303	24,705	26,182	27,944	29,731
35EW31600	0	0	0	0	0
39EW31600	0	0	0	0	0
39EW31600	0	0	0	0	0
TOTAL	23,303	24,705	26,182	27,944	29,731

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3160000	23,303	24,705	26,182	27,944	29,731
35EW31600	0	0	0	0	0
39EW31600	0	0	0	0	0
39EW31600	0	0	0	0	0
TOTAL	23,303	24,705	26,182	27,944	29,731

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A106 Cross References

A106 Number: _____ Date: _____
Title: _____
Federal Facility Identification: _____
Region: _____ Assessment: _____
Status: _____ Progress: _____

Tiger Team Cross References

Tiger Team Finding Number: _____ Date: _____
Title: _____

FY95-99 ADS Cross References

ADS #: RL
Title: _____
Transferred in its entirety: _____
Explanation of Change: _____

MILESTONES

Milestone No.:	Milestone Seq:	TPA MS NO.:
Title:		
Planning Date	Target Date	Decrement Date
		Level:
		PTS:
Driver Name:	Driver Reference:	Keyword:
PRESENT IN	Tiger Team:	Program Execution Guidance:
	Roadmap:	Current Year Workplan:
		Safety and Health:
Description:		

NARRATIVE

LAST UPDATE: 04-22-1994 TIME: 17:54:33

Technical Scope Summary(Limit 15 line or less):

Waste Management has responsibility for funding all direct FTE's providing management oversight for Waste Management activities.

Technical Scope Detail(Limit 104 lines or less):

This activity covers program direction for the Department of Energy-

NARRATIVE Continued

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NARRATIVE Continued

Richland Operations Office (DOE-RL) employees funded by Waste Management in BNR EW3160. Estimates include all salaries, benefits, awards, overtime, contractual services and travel for employees supporting Waste Management.

Act. Comp. to Date/Current Year (FY 1994) Desc.(Limit 52 lines or less):

Although the Headquarters control table reflects a current funding level of \$14,571K, our current Financial Plan is now \$15,017K. This funding level gives RL the funding necessary to support our current approved ceiling of 128 FTE's.

Projected additional FY 1994 needs of approximately \$1,934K will be required to fund FTE's approved as a result of the EM 'bidding' process. These needs will be resolved internally.

FY 1994 needs do not include any amounts for decisions that will be made relating to Voluntary Separation Incentive Pay (VSIP).

General Support Service Contractor (GSSC) requirements which support the FY 94 RL FTE authorization are covered under program ADS Number RL103.

Budget Year (FY 1995) Description(Limit 52 lines or less):

The following reflects salaries, benefits, awards, overtime, contractual services and travel needs to support the FY95 PRES and Planning levels of FTE's (see .07 Key Assumptions). Although RL is constrained to a funding level of \$15,191K at the FY95 PRES level for purposes of this ADS, RL plans to redistribute an additional \$7,888K to this ADS to support the original 141 FTE plus 58 FTE's projected from the 'bidding' process for a total of \$23,079K.

FY 1995	AVERAGE COST/FTE	PRES FTE - 141
	107,738	15,191,000
FY 1995	AVERAGE COST/FTE	ACTUAL NEEDS FTE - 199
	TOTAL 115,976	23,079,000

FY 1995 needs do not include any amounts for decisions that will be made relating to Voluntary Separation Incentive Pay (VSIP).

GSSC requirements which support the FY 95 RL FTE authorization are covered under program ADS Number RL103.

Planning Year (FY 1996) Description(Limit 156 lines or less):

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The following reflects the salaries, benefits, awards, overtime, contractual services and travel needs to support the Target, Planning and Decrement levels of FTE's (see .07 Key Assumptions).

FY 1996	AVERAGE COST/FTE	FTE - 205
TOTAL	113,674	23,303,000

GSSC requirements which support the FY 96 RL FTE authorization are covered under program ADS Number RL103.

Outyears (FY 1997 - FY 2000) Description(Limit 78 lines or less):

The following reflects the salaries, benefits, awards, overtime, contractual services and travel needs to support the Target and Planning levels of FTE's for FY 1997 through FY 2000.

FY 1997	AVERAGE COST/FTE	ACTUAL NEEDS FTE - 211
TOTAL	117,085	24,705,000
FY 1998	AVERAGE COST/FTE	ACTUAL NEEDS FTE - 217
TOTAL	120,656	26,182,000
FY 1999	AVERAGE COST/FTE	ACTUAL NEEDS FTE - 224
TOTAL	124,748	27,944,000
FY 2000	AVERAGE COST/FTE	ACTUAL NEEDS FTE - 231
TOTAL	128,706	29,731,000

GSSC requirements which support the FY 1997 through FY 2000 RL FTE authorization are covered under program ADS Number RL103.

Impacts/Assumptions(Limit 42 lines or less):

Program Direction was escalated using the rates provided by DOE-HQ in the Chief Financial Officer FY 1996 Unified Field Budget Call.

FTE'S: FY 1994 - FY 2000: DOE-HQ has just completed allocating the FTE's provided to DOE-RL as a result of the 'bidding' process. Since the internal distribution process for the new FTE's will

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not be completed prior to submission of this ADS, the FTE's and funding requirements are based on initial RL senior management assumptions of the level of FTE's by program and probable timing of the hires.

Salaries for the FY 1995 request for redistribution were adjusted to reflect the probable timing of new hires.

Supporting Documents(Limit 5 lines or less):

None.

Performance Measures(Limit 15 lines or less):

Specific performance measures consistent with provisions of the Government Performance Review and Results Act and the National Performance Review were submitted under separate cover.

~~DESCRIPTION OF REGULATORY DRIVERS~~

CAA:

RL employees manage Waste Management programs in accordance with requirements of the Clean Air Act.

CERCLA:

RL employees manage Waste Management programs in accordance with CERCLA requirements.

~~DESCRIPTION OF REGULATORY DRIVERS Continued~~

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DESCRIPTION OF REGULATORY DRIVERS Continued

CWA:

RL employees manage Waste Management programs in accordance with requirements of the Clean Water Act.

DOE:

RL employees manage the Waste Management programs in accordance with DOE orders.

FED:

RL employees manage the Waste Management programs in accordance with Federal Regulations.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

IAG:

RL employees manage Waste Management programs in accordance with requirements of Interagency Agreements.

NEPA_R:

RL employees manage Waste Management programs in accordance with requirements of NEPA.

ORD:

RL employees manage the Waste Management programs in accordance with administrative consent and compliance orders.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

OSHA:

RL Employees manage Waste Management programs in accordance with requirements of the Occupational Safety Health Act.

R3004:

RL employees manage Waste Management programs in accordance with requirements of 3004U.

RCRA:

RL employees manage Waste Management programs in accordance with RCRA requirements.

SDWA:

RL employees manage Waste Management programs in accordance with requirements of the Safe Drinking Water Act.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

ST:

RL employees manage Waste Management programs in accordance with State and Local laws.

TRI:

RL employees manage Waste Management programs in accordance with the Tri Party Agreement.

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TSCA:

RL employees manage Waste Management programs in accordance with requirements of the Toxic Substances Control Act.

DESCRIPTION OF REGULATORY DRIVERS CONTINUED
RI employees manage Waste Management program in accordance with State and local laws.

TRI:
RI employees manage Waste Management program in accordance with the TRI Party Agreement.

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TSCA:
RI employees manage Waste Management program in accordance with requirements of the Toxic Substances Control Act.