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Environmental Management
FY96 Field Submission
Activity Data Sheet

Page: 1
Time: 14:17
RL-6692-0 - Date: 6/01/1994

Operations Office: RL ID No.: 6692- 0 Revision Date: 4/18/1994
 ADS Title: ENVIRONMENTAL SUPPORT - UMATILLA INDIAN NATION
 WBS No.: 1.6.8.1.2.4 Category: FT Appr.: D
 Project Title: ENVIRONMENTAL SUPPORT - Facility/WAG:
 Installation: RICHLAND OPERATIONS OFFICE CID: ZOVHD: 0
 For Line Item Project: TPC: TEC:
 Contig: 0
 CNTR Manager: Phone:
 O.O. Manager: JAMES D BAUER, PROGRAM MANAGER Phone: 509-376-5441
 H.Q. Manager: MARGARET FERNANDEZ Phone: 202-586-5821
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

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

REGULATORY DRIVERS

CAA: CWA: SDWA: RCRA: 3004U: TSCA: CERCLA: NEPA:
 DOE: IAG: OSHA: ORD: ST : TRI : 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	505	1,400		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	505	1,400		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	1,600	1,600	1,600	0
				TOTAL	1,600	1,600	1,600	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	1,600
CE	0
GPP	0
LI	0
TOTAL	1,600

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	1,600	1,648	1,697	1,748	1,801
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	1,600	1,648	1,697	1,748	1,801

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	1,600	1,648	1,697	1,748	1,801
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	1,600	1,648	1,697	1,748	1,801

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: PROGRAM SUPPORT						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: UMATILLA INDIANS									
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
EW7020000	505	1,400			E	0	0	0	0
35EW70200	0	0			F	0	0	0	0
39EW70200	0	0			G	0	0	0	0
39EW70200	0	0			H	0	0	0	0
					I	1,600	1,600	1,600	0
TOTAL	505	1,400			TOTAL	1,600	1,600	1,600	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7020000	1,600
35EW70200	0
39EW70200	0
39EW70200	0
TOTAL	1,600

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7020000	1,600	1,648	1,697	1,748	1,801
35EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
TOTAL	1,600	1,648	1,697	1,748	1,801

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7020000	1,600	1,648	1,697	1,748	1,801
35EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
TOTAL	1,600	1,648	1,697	1,748	1,801

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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:	Keyword:	
PTS:	SMS:	
Driver Name:	Driver Reference:	
PRESENT IN	Tiger Team:	Program Execution Guidance:
Roadmap:	Current Year Workplan:	Safety and Health:
Description:		

NARRATIVE

LAST UPDATE: 04-18-1994 TIME: 15:51:27

Technical Scope Summary(Limit 15 line or less):

This ADS covers the Waste Management portion (100%) for the Confederated Tribes of the Umatilla Indian Reservation (CTUIR) request for funding. Refer to grant No. DE-FG06-91FL12266. This is in response to a commitment made by DOE-HQ to fund participation of the affected tribes in Five-Year Planning and activities.

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NARRATIVE Continued

Technical Scope Detail(Limit 104 lines or less):

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

The CTUIR is involved in reviewing the National Five-Year Plan, Site Specific Plan and other planning documents related to current and future Site use. The CTUIR are members of a number of working groups making recommendations on Site clean up. They have a full time staff and plan to hire additional people to assess effects on natural resources of the Hanford Site. They have a full time staff and plan to hire additional people to assess effects on natural resources of the Hanford Site. The CTUIR have indicated they will need \$856K in FY94 (which will be split funded by EM-30 and EM-60) to support active involvement in the Five-Year planning process. The CTUIR ceded land (Treaty of 1855) encompass approximately an hours drive south of the Hanford Site, and their own reservation boundary is approximately an hours drive south of the Hanford Site boundary. The grant will allow them to participate in the Five-Year Planning process at both the national and local level. The CTUIR are expected to actively participate in planning efforts by attending meetings and reviewing and commenting on documents and assuming a role as natural resource co-trustee under CERCLA. The current funding for FY94 is \$550K.

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

OMB request is \$652K FY95 revised requirement \$1.4M. The funding is expected to be provided 100% by EM-6-/ The CTUIR have indicated a need to have increased funding to the level of \$.934K to support active involvement in the Five-Year planning process both on the national and local level. Their scope of work is expected to be much the same as previous years with the possibility of increased roles and responsibilities as a natural resource co-trustee. The request of \$.943K is considerably higher than the anticipated available budget.

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

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

Outyear requirements would be a continuation of those listed in previous years. Funding levels will be negotiated each year based on specific scope of work.

Impacts/Assumptions(Limit 42 lines or less):

The CTUIR budgets will be negotiated each year based on specific scope of work and the level of roles and responsibilities assumed by the CTUIR. The CTUIR requests are much higher than the target levels established by the DOE and OMB. The CTUIR continue to want to play a greater role in decision

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making and their need for increased funding has an impact on DOE's ability to adequately fund other affected tribes participation. Appropriate allocation of available funds between affected tribes remains a key issue.

Supporting Documents(Limit 5 lines or less):

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~~

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Operations Office: RL ID No.: 6693- 0 Revision Date: 4/22/1994
 ADS Title: STATE OF OREGON HANFORD OVERSIGHT
 WBS No.: 1.6.8.1.2.5 Category: FT Appr.: D
 Project Title: STATE OF OREGON HANFORD Facility/WAG:
 Installation: HANFORD CID: ZOVD: 0
 For Line Item Project: TPC: TEC:
 Contig: 0
 CNTR Manager: None Phone:
 O.O. Manager: YERXA, JK Phone: 509-376-9628
 H.Q. Manager: MARTINEZ, R Phone: 301-427-1502
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

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

REGULATORY DRIVERS

CAA: CWA: SDWA: RCRA: 3004U: TSCA: CERCLA: NEPA:
 DOE: IAG: OSHA: ORD: ST : TRI : FED : 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	421	543		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	559	559	794	0
TOTAL	421	543		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	559	559	794	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	559
CE	0
GPP	0
LI	0
TOTAL	559

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	559	576	593	611	629
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	559	576	593	611	629

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	794	671	693	711	729
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	794	671	693	711	729

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

Environmental Management
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Budget Detail Profile

DESC: PROGRAM SUPPORT						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: STATE OF OREGON HANFORD OVERSIGH									
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	0	0	0	0	0
EW7020000	421	543		E	559	559	794	0	0
35EW70200	0	0		F	0	0	0	0	0
39EW70200	0	0		G	0	0	0	0	0
39EW70200	0	0		H	0	0	0	0	0
				I	0	0	0	0	0
TOTAL	421	543		TOTAL	559	559	794		0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7020000	559
35EW70200	0
39EW70200	0
39EW70200	0
TOTAL	559

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7020000	559	576	593	611	629
35EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
TOTAL	559	576	593	611	629

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7020000	794	671	693	711	729
35EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
TOTAL	794	671	693	711	729

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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:
	Roadmap:	Current Year Workplan:
		Safety and Health:
Description:		

NARRATIVE

LAST UPDATE: 04-22-1994 TIME: 17:55:39

Technical Scope Summary(Limit 15 line or less):

This activity funds a grant for Oregon to review and participate in Hanford cleanup activities to protect the rights and safety of Oregon citizens. This ADS was transferred from the Office of Waste Management in FY 1994. Oregon has also been participating in the Hanford working group, Hanford Future site Use Cleanup Strategy and Tank Waste Task Force as well as the Hanford Advisory Board at the request of the DOE-RL Manager. Oregon's

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participation in these activities up until Dec. 31, 1993 was funded under a DOE-RW contract which utilized Nuclear Waste Policy Act funds. Work concerning groundwater and Columbia River issues were entirely funded by Oregon's funds.

Technical Scope Detail(Limit 104 lines or less):

Oregon's Hanford related activities include peer review of Hanford technical cleanup work, particularly planning documents and work that affects groundwater, the Columbia River, emergency planning and preparedness and waste transportation. Scope also includes public information and involvement and working with the Hanford Advisory Board, Oregon Hanford Waste Board, Indian Tribes, USDOE, and regulators. The laboratory work, which is hoped to commence in FY-1996, will be conducted in conjunction with the Oregon Department of Health. Primary activities will be alpha spectroscopy. This work will be centered around testing the sediments currently deposited behind Columbia river dams.

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

Efforts will include increasing involvement in National and Site Specific activities. These efforts will take the form of addressing: transportation issues, impacts on the Columbia River, groundwater issues, conducting an Oregon Hanford public information program, monitoring issues, emergency planning and preparedness, etc.

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

Efforts will include increasing involvement in National and Site Specific activities. These efforts will take the form of addressing: transportation issues, impacts on the Columbia River, groundwater issues, emergency planning and preparedness, conducting an Oregon Hanford public information program, monitoring issues, etc. Alterations to the grant and Oregon's activities may be made in order to accommodate their ability to address new and significant issues.

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

(DECREMENT)

It is expected that Oregon's efforts will continue during FY 1996 along the same lines as during previous years. Alterations to the grant and Oregon's activities may be made in order to accommodate their ability to address new and significant issues. Oregon must be involved in emergency planning.

(PLANNING)

Commencing in FY-1996 Oregon Department of Energy is planning to begin managing a laboratory whose purpose will be to assess and ensure Columbia

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River safety. This laboratory at the onset will concentrate on alpha spectroscopy of Columbia River sediments, primarily those immediately behind the various dams along the Columbia River. This activity will extend and enhance DOE laboratory capabilities through the sharing of data. Duplication of data and activities will be as minimal as possible without jeopardizing the scientific validity of the effort. Oregon Department of Health will be intimately involved in the laboratory. The results of these activities conducted by the State of Oregon will enhance public acceptance of US DOE's efforts to maintain Columbia River water quality. (The cost for start up of this laboratory will be \$235K in FY-1996. Maintaining operations will be \$95K in FY-1997 and \$100K in FY-1998 through FY-2000.)

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

It is expected that Oregon's efforts will continue during the years FY 1996 through FY 2000 along the same lines as during previous years. Alterations to the grant and Oregon's activities may be made in order to accommodate their ability to address new and significant issues.

Impacts/Assumptions(Limit 42 lines or less):

Oregon's support for Hanford cleanup will increase with more participation and understanding. Understanding Oregon's views and concerns will result in better decisions that will be accepted and implemented.

Oregon must be involved in emergency planning and preparedness. Hanford management has committed to involve Oregon in emergency planning. Transportation issues are very important to Oregon because any shipments coming to or leaving Hanford must move over Oregon's highways, railroads and waterways.

Supporting Documents(Limit 5 lines or less):

DOE Grant No. DE-FG06-94RL12803 MILESTONES: (each year) o Hold between 3 and 4 Oregon Hanford Advisory Board Meetings o Host at least one TPA public meeting
o Manage Oregon based laboratory(commence second quarter FY-1996 planning
o Participate in at least one Hanford emergency drill

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.

~~NARRATIVE Continued~~

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NARRATIVE Continued

DESCRIPTION OF REGULATORY DRIVERS

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NARRATIVE Continued

DESCRIPTION OF REGULATORY DRIVER

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Environmental Management
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RL-6694-0 -

Date: 6/01/1994

Page: 1
 Time: 14:20

Operations Office: RL ID No.: 6694- 0 Revision Date: 4/18/1994
 ADS Title: TRI-PARTY AGREEMENT STATE FUNDING
 WBS No.: 1.3.7.1.7 Category: FT Appr.: D
 Project Title: TPA STATE FUNDING Facility/WAG:
 Installation: RICHLAND OPERATIONS OFFICE CID: XOVHD: 0
 For Line Item Project: TPC: TEC:
 Contig: 0
 CNTR Manager: Phone:
 O.O. Manager: JAMES D. BAUER, PROGRAM MANAGER Phone: 509-376-5441
 H.Q. Manager: Phone:
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

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

REGULATORY DRIVERS

CAA: CWA: SDWA: RCRA: 3004U: TSCA: CERCLA: NEPA:
 DOE: IAG: OSHA: ORD: ST : TRI : Y FED : 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	4,787	4,897		5,039	5,039	5,039	0	
CE	0	0		0	0	0	0	
GPP	0	0		0	0	0	0	
LI	0	0		0	0	0	0	
				0	0	0	0	
TOTAL	4,787	4,897		0	0	0	0	
				0	0	0	0	
				0	0	0	0	
				0	0	0	0	
				0	0	0	0	
				TOTAL	5,039	5,039	5,039	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	5,039
CE	0
GPP	0
LI	0
TOTAL	5,039

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	5,039	5,190	5,346	5,506	5,671
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	5,039	5,190	5,346	5,506	5,671

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	5,039	5,190	5,346	5,506	5,671
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	5,039	5,190	5,346	5,506	5,671

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: PROGRAM SUPPORT						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: RCRA/MIXED WASTE FEE									
APPROP: D									
					A	5,039	5,039	5,039	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW7020000	4,787	4,897			E	0	0	0	0
35EW70200	0	0			F	0	0	0	0
39EW70200	0	0			G	0	0	0	0
39EW70200	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	4,787	4,897			TOTAL	5,039	5,039	5,039	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7020000	5,039
35EW70200	0
39EW70200	0
39EW70200	0
TOTAL	5,039

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7020000	5,039	5,190	5,346	5,506	5,671
35EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
TOTAL	5,039	5,190	5,346	5,506	5,671

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7020000	5,039	5,190	5,346	5,506	5,671
35EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
TOTAL	5,039	5,190	5,346	5,506	5,671

Environmental Management
FY96 Field Submission
Activity Data Sheet

RL-6694-0 - Date: 6/01/1994 Page: 4
Time: 14:20

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:
		Keyword:
		SMS:
Driver Name:	Driver Reference:	
PRESENT IN	Tiger Team:	Program Execution Guidance:
	Roadmap:	Current Year Workplan:
		Safety and Health:
Description:		

NARRATIVE

LAST UPDATE: 04-19-1994 TIME: 09:21:58

Technical Scope Summary(Limit 15 line or less):

This ADS funds the payment of state regulatory fees for RCRA compliance activities related to Hanford cleanup.

Technical Scope Detail(Limit 104 lines or less):

In FY94, this ADS includes all Department of Ecology activities concerning

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Environmental Management
FY96 Field Submission
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all Hanford Site RCRA compliance activities related to the Tri-Party Agreement (TPA) and other RCRA activities of DOE at the Hanford Site. In FY95 and outyears, this ADS provides fiscal support to the State in compliance with the regulatory responsibilities detailed in the TPA, the Federal Facilities Compliance Act, and RCRA. Additional RCRA related regulatory services may be provided as TPA and other RCRA compliance requirements change through the fiscal and outyears.

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

Regulatory services regarding RCRA compliance activities of RL programs on the site were provided through the fiscal year. Activities included, but were not limited to: Permitting;, inspections, public involvement, program interface, compliance order renegotiations, and TPA monitoring.

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

In FY95, general RCRA regulatory and TPA compliance monitoring, oversight, and technical support will be provided to DOE-RL programs for RCRA covered activities. Areas of regulatory services and support provided include: permitting, RCRA process oversight, inspections, public involvement, technical regulatory interface, TPA and RCRA compliance monitoring.

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

In FY96, general RCRA regulatory and TPA compliance monitoring, oversight, and technical support will be maintained at the same or slightly higher levels. The increasing number of RCRA related TPA milestones and the increasing number of RCRA permitting, planning and implementation activities will require continued levels of active regulatory support and services to meet TPA and RCRA requirements.

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

The nature of the work scope for the outyears remains the same as the workscope covered in FY95. The long-term schedule of RCRA related cleanup activities to meet TPA and RCRA requirements will necessitate continued, long-term regulatory support and services. The current TPA schedule calls for a forty year cleanup project, requiring ongoing regulatory support services.

Impacts/Assumptions(Limit 42 lines or less):

For regulatory support and services, the TPA, requires that DOE pays the State of Washington the State mandated fees to carry out the State's roles and responsibilities as a regulatory agency involved with the RCRA, specifically as required under RCRA, the Federal Facilities Compliance Act (FFCA), and the TPA. The State has specific legal authority under RCRA to impose regulatory fees and charges as in the case of State roles and

~~NARRATIVE Continued~~

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~~NARRATIVE Continued~~

responsibilities for RCRA activities at Hanford. The outyear activities required under TPA and RCRA will case increased funding needs for the State to support DOW-RL actions to meet TPA and RCRA compliance.

Supporting Documents(Limit 5 lines or less):

The Hanford Federal Facilities Agreement and Consent Order (TPA)
Description of Regulatory Drivers
DOE, FED, ORD, RCRA, FFCA, TPA

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~~

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RL-6695-0 - Date: 6/01/1994

Operations Office: RL ID No.: 6695- 0 Revision Date:
 ADS Title: ENVIRON SUPPORT - MISC ACTIVITIES
 WBS No.: 1.6.8.2.2.3 Category: FT Appr.: D
 Project Title: ENVIRONMENTAL SUPPORT - Facility/WAG:
 Installation: CID: %OVHD: 0
 For Line Item Project: TPC: TEC:
 Contig: 0
 CNTR Manager: Phone:
 O.O. Manager: Phone:
 H.Q. Manager: Phone:
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

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

REGULATORY DRIVERS

CAA: CWA: SDWA: RCRA: 3004U: TSCA: CERCLA: NEPA:
 DOE: IAG: OSHA: ORD: ST : TRI : FED : 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	1,606	1,669		A	0	0	0	0
CE	25	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	0		D	0	0	0	0
				E	1,717	1,717	1,717	0
TOTAL	1,631	1,669		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	1,717	1,717	1,717	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	1,717
CE	0
GPP	0
LI	0
TOTAL	1,717

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	1,717	1,769	1,822	1,877	1,933
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	1,717	1,769	1,822	1,877	1,933

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	1,717	1,769	1,822	1,877	1,933
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	1,717	1,769	1,822	1,877	1,933

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: PROGRAM SUPPORT				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: ENV. SUPPORT - MISC.							
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
EW7020000	343	462	E	475	475	475	0
35EW70200	25	0	F	0	0	0	0
39EW70200	0	0	G	0	0	0	0
39EW70200	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	368	462		TOTAL	475	475	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7020000	475
35EW70200	0
39EW70200	0
39EW70200	0
TOTAL	475

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7020000	475	489	504	519	535
35EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
TOTAL	475	489	504	519	535

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7020000	475	489	504	519	535
35EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
TOTAL	475	489	504	519	535

Environmental Management
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Budget Detail Profile

DESC: PROGRAM SUPPORT						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AB						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: ENV. SUPPORT - MISC.									
APPROP: D									
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	B	C	D	E	F
EW7020000	553	564		0	0	0	0	580	580
35EW70200	0	0		0	0	0	0	0	0
39EW70200	0	0		0	0	0	0	0	0
39EW70200	0	0		0	0	0	0	0	0
TOTAL	553	564		0	0	0	0	580	580
				TOTAL	580	580	580	580	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7020000	580
35EW70200	0
39EW70200	0
39EW70200	0
TOTAL	580

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7020000	580	597	615	633	652
35EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
TOTAL	580	597	615	633	652

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7020000	580	597	615	633	652
35EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
TOTAL	580	597	615	633	652

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Budget Detail Profile

DESC: PROGRAM SUPPORT				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AC				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: ENV. SUPPORT - MISC.							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	B	C	D
EW7020000	710	643		0	0	0	0
35EW70200	0	0		0	0	0	0
39EW70200	0	0		0	0	0	0
39EW70200	0	0		0	0	0	0
TOTAL	710	643		662	662	662	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW7020000	662
35EW70200	0
39EW70200	0
39EW70200	0
TOTAL	662

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7020000	662	683	703	725	746
35EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
TOTAL	662	683	703	725	746

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW7020000	662	683	703	725	746
35EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
39EW70200	0	0	0	0	0
TOTAL	662	683	703	725	746

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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: 03-31-1994 TIME: 16:28:45

Technical Scope Summary(Limit 15 line or less):

Activity 6695 covers three subactivities: (AA) The Hanford filter Test Facility (FTF), and separate grants to Washington State for environmental (AB) and monitoring and emergency preparedness (AC).

The Hanford Filter Test Facility (HFTF) provides quality assurance testing and inspection of all High Efficiency Particulate Air (HEPA) filters, HEPA

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filtered respirator cartridges, and HEPA filtered air movers used by Hanford contractors, other Department of Energy (DOE) contractors, and non-DOE contractors whether on or offsite. Testing of these filters and cartridges assures environmental compliance and personnel protection for all contractors for whom the service is being provided.

Technical Scope Detail(Limit 104 lines or less):

AA: This workscope is related to all other ADS's which require quality assurance testing and inspection services of HEPA filters, HEPA filtered respirator cartridges, and HEPA filtered air movers. AC: This is an additional grant to the State of Washington to fund enhancement of their emergency capability to respond to a Hanford event. AB: This is a grant to the State of Washington to perform and serve as independent oversight for the monitoring performed by RL and its contractors.

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

AA: Environmental laws and regulations will continue to change. Operation of the HFTF is expected to continue until site closure. Workscope, workload and personnel are expected to remain constant. The HTFT will support all WHC, PNL, and KEH organizations that depend upon HEPA filters and respirator cartridges to conduct day-to-day operations at Hanford. This function supports the Hanford cleanup mission through regulatory compliance with emission and safety standards. AC: During FY94, DOE-RL and the State successfully participated in Hanford's first emergency exercise that dealt with ingestion zone activities. The ability to coordinate activities that would potentially be required within a 50-mile ingestion planning zone was demonstrated and is considered a significant enhancement to the State's emergency management capability.

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

The HFTF workscope is RL Priority A2 (HQ Priority 1) since it specifically supports maintaining safety related safety equipment. The HFTF will continue to support all WHC, PNL, and KEH organizations that depend upon HEPA filters and respirator cartridges to conduct day-to-day operations at Hanford. This function supports the Hanford cleanup mission through regulatory compliance with emission and safety standards. The HFTF will also continue to support other DOE and non DOE on of offsite facility to achieve regulatory compliance with emission and safety standards.

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

AA: With a constant workscope, no unique tasks are associated with this ADS. However, to ensure adequate availability of qualitifed/certified filter testing personnel, two Quality Assurance Technicians are being trained at the Filter Test Facility. In August, they will attend the required In-Place Filter Testing class offered by Harvard University. The

~~NARRATIVE Continued~~

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HFTF will continue to support all WHC, PNL, and KEH organizations that depend upon HEPA filters and respirator cartridges to conduct day-to-day operations at Hanford. This function supports the Hanford cleanup mission through regulatory compliance with emission and safety standards.

The HFTF will also continue to support other DOE and non DOE on or offsite facility to achieve regulatory compliance with emission and safety standards. AC: Grant funds will allow the State to maintain their emergency response capabilities. AC: Grant funds will allow the State to maintain their emergency response capabilities.

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

AA: The HFTF will continue to support all WHC, PNL, and KEH organizations that depend upon HEPA filters and respirator cartridges to conduct day-to-day operations at Hanford. This function supports the Hanford cleanup mission through regulatory compliance with emission and safety standards. The HFTF will also continue to support other DOE and non DOE on or offsite facility to achieve regulatory compliance with emission and safety standards. AC: Same as planning year.

Impacts/Assumptions(Limit 42 lines or less):

AC: Funding levels are based on workscopes negotiated between the State of Washington and RL. It is anticipated that a negative reaction by the State of Washington and the media would occur if funding is not forthcoming or is perceived to be less than the State believes is required for the State to be prepared to respond to a Hanford incident and to independently assess the environment. Enhancements to the State's emergency management program related to response to an emergency at Hanford could be delayed, with a potential for negatively impacting the health and safety of the public.

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.

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DESCRIPTION OF REGULATORY DRIVERS

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DESCRIPTION OF REGULATORY DEVICE

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RL-7100-0 -

Date: 6/01/1994

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Operations Office: RL ID No.: 7100- 0 Revision Date: 4/24/1994
 ADS Title: LABORATORY OPERATIONS AND UPGRADES
 WBS No.: 1.3.7.6.1 Category: WM Appr.:
 Project Title: LABORATORY OPERATIONS & Facility/WAG: 222-S Lab, WSCF Lab, 325 Lab
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: N/A TPC: 0 TEC: 0
 Contig: 0
 CNTR Manager: SPOHR, RA Phone: 509-372-2239
 O.O. Manager: HENNIG, JM Phone: 509-376-0016
 H.Q. Manager: POPPITTI, J Phone: 301-903-7250
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

HLW: 3 TRU: TRU MIX: LLW: 2 MLLW: 1 HAZ: 1 SANT: SNF:

REGULATORY DRIVERS

CAA: Y CWA: Y SDWA: Y RCRA: Y 3004U: TSCA: CERCLA: Y NEPA: Y
 DOE: Y IAG: OSHA: Y ORD: 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	43,513	49,727		A	51,650	55,007	78,753	68,045
CE	4,123	3,100		B	0	0	0	0
GPP	0	1,200		C	0	0	0	0
LI	0	0		D	0	0	0	0
				E	0	0	0	0
TOTAL	47,636	54,027		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	51,650	55,007	78,753	68,045

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	47,850
CE	3,800
GPP	0
LI	0
TOTAL	51,650

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	49,607	52,630	49,776	57,998	66,561
CE	3,800	6,000	7,800	7,800	8,100
GPP	1,600	2,000	2,000	2,000	2,000
LI	0	0	0	0	0
TOTAL	55,007	60,630	59,576	67,798	76,661

FTEs	FY94	FY95			
Direct	357	419			
Indirect	264	310			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	414	442	428	421	416
Indirect	306	327	317	311	308
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	67,568	66,586	66,161	75,327	77,430
CE	8,685	8,685	8,799	8,799	8,799
GPP	2,500	2,000	2,000	2,000	2,000
LI	0	0	0	0	0
TOTAL	78,753	77,271	76,960	86,126	88,229

FTEs	FY94	FY95			
Direct	358	359			
Indirect	265	266			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	503	500	506	509	504
Indirect	373	370	374	376	373
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SITE SUPPORT-NFP						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: Hanford Analytical Services Prog									
APPROP: D									
						3,344	3,344	4,574	4,574
					A				
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130030	2,484	3,156			E	0	0	0	0
35EW31303	0	0			F	0	0	0	0
39EW31303	0	0			G	0	0	0	0
39EW31303	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	2,484	3,156			TOTAL	3,344	3,344	4,574	4,574

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130030	3,344
35EW31303	0
39EW31303	0
39EW31303	0
TOTAL	3,344

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	3,344	3,472	3,602	3,738	3,875
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
TOTAL	3,344	3,472	3,602	3,738	3,875

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	4,574	4,830	4,853	4,999	5,149
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
TOTAL	4,574	4,830	4,853	4,999	5,149

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Budget Detail Profile

DESC: RICHLAND SITE SUPPORT-NFP				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: BB				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 222-S Facility Operations							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	B	C	D
EW3130030	13,255	21,865		22,219	24,571	34,729	34,729
35EW31303	1,903	1,300		0	0	0	0
39EW31303	0	0		0	0	0	0
39EW31303	0	0		0	0	0	0
TOTAL	15,158	23,165		22,219	24,571	34,729	34,729

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130030	20,119
35EW31303	2,100
39EW31303	0
39EW31303	0
TOTAL	22,219

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	22,471	24,560	25,535	27,206	34,367
35EW31303	2,100	3,000	4,000	4,000	4,000
39EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
TOTAL	24,571	27,560	29,535	31,206	38,367

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	30,182	30,994	32,438	33,496	34,366
35EW31303	4,548	4,548	4,548	4,548	4,548
39EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
TOTAL	34,729	35,542	36,986	38,044	38,914

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Budget Detail Profile

DESC: RICHLAND SITE SUPPORT-NFP						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: CC						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: WSCF Facility Operations									
APPROP: D									
					A	10,323	10,323	12,143	12,143
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130030	8,475	9,669			E	0	0	0	0
35EW31303	220	400			F	0	0	0	0
39EW31303	0	0			G	0	0	0	0
39EW31303	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	8,695	10,069			TOTAL	10,323	10,323	12,143	12,143

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130030	10,023
35EW31303	300
39EW31303	0
39EW31303	0
TOTAL	10,323

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	10,023	10,334	10,651	10,970	12,402
35EW31303	300	1,000	1,100	1,100	1,100
39EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
TOTAL	10,323	11,334	11,751	12,070	13,502

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	11,006	11,342	11,690	12,041	12,402
35EW31303	1,137	1,137	1,251	1,251	1,251
39EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
TOTAL	12,143	12,480	12,941	13,292	13,653

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DESC: RICHLAND SITE SUPPORT-NFP				FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: DD				DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: ACL (325) Facility Operations								
APPROP: D								
				A	14,800	15,500	19,213	19,213
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	-0	0	0
				D	0	0	0	0
EW3130030	11,328	15,600		E	0	0	0	0
35EW31303	2,000	1,400		F	0	0	0	0
39EW31303	0	0		G	0	0	0	0
39EW31303	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	13,328	17,000		TOTAL	14,800	15,500	19,213	19,213

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130030	13,400
35EW31303	1,400
39EW31303	0
39EW31303	0
TOTAL	14,800

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	14,100	14,500	14,300	14,600	15,567
35EW31303	1,400	2,000	2,700	2,700	3,000
39EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
TOTAL	15,500	16,500	17,000	17,300	18,567

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	16,213	16,961	17,710	18,494	19,320
35EW31303	3,000	3,000	3,000	3,000	3,000
39EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
TOTAL	19,213	19,961	20,710	21,494	22,320

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DESC: RICHLAND SITE SUPPORT-NFP				FY96 DRIVER		CATEGORY	IMM RISK	
SUB-DESC: PROGRAM: EM SUBACT: EE				DECREMENT	TARGET	PLAN		
TITLE: Analytical Laboratory Upgrades								
APPROP: D								
				A	4,797	6,397	10,708	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW3130030	7,175	5,243		E	0	0	0	0
35EW31303	0	0		F	0	0	0	0
39EW31303	0	1,200		G	0	0	0	0
39EW31303	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	7,175	6,443		TOTAL	4,797	6,397	10,708	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130030	4,797
35EW31303	0
39EW31303	0
39EW31303	0
TOTAL	4,797

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	4,797	7,553	6,956	6,564	5,529
35EW31303	0	0	0	0	0
39EW31303	1,600	2,000	2,000	2,000	2,000
39EW31303	0	0	0	0	0
TOTAL	6,397	9,553	8,956	8,564	7,529

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	8,208	7,920	8,156	8,700	8,614
35EW31303	0	0	0	0	0
39EW31303	2,500	2,000	2,000	2,000	2,000
39EW31303	0	0	0	0	0
TOTAL	10,708	9,920	10,156	10,700	10,614

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DESC: RICHLAND SITE SUPPORT-NFP						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: ML						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: FIELD ANALYTICAL SERVICES									
APPROP: D									
					A	197	197	2,460	2,460
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130030	0	0			E	0	0	0	0
35EW31303	0	0			F	0	0	0	0
39EW31303	0	0			G	0	0	0	0
39EW31303	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	0			TOTAL	197	197	2,460	2,460

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130030	197
35EW31303	0
39EW31303	0
39EW31303	0
TOTAL	197

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	197	281	290	299	308
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
TOTAL	197	281	290	299	308

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	2,460	2,534	2,610	2,689	2,769
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
TOTAL	2,460	2,534	2,610	2,689	2,769

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DESC: RICHLAND SITE SUPPORT-NFP						FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: PC						DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: PRODUCTIVITY CHALLENGE										
APPROP: D										
						A	-5,141	-6,435	-6,435	-6,435
						B	0	0	0	0
B&R	FY94	APPR	FY95	PRES	FY95	APPR	C	0	0	0
							D	0	0	0
EW3130030	0		-6,911				E	0	0	0
35EW31303	0		0				F	0	0	0
39EW31303	0		0				G	0	0	0
39EW31303	0		0				H	0	0	0
							I	0	0	0
TOTAL	0		-6,911				TOTAL	-5,141	-6,435	-6,435

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130030	-5,141
35EW31303	0
39EW31303	0
39EW31303	0
TOTAL	-5,141

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	-6,435	-9,367	-12,757	-6,499	-6,640
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
TOTAL	-6,435	-9,367	-12,757	-6,499	-6,640

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	-6,435	-9,367	-12,757	-6,499	-6,640
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
TOTAL	-6,435	-9,367	-12,757	-6,499	-6,640

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DESC: RICHLAND SITE SUPPORT-NFP				FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: XX				DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: AUXILIARY LABS								
APPROP: D								
				A	1,111	1,111	1,359	1,359
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW3130030	796	1,104		E	0	0	0	0
35EW31303	0	0		F	0	0	0	0
39EW31303	0	0		G	0	0	0	0
39EW31303	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	796	1,104		TOTAL	1,111	1,111	1,359	1,359

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130030	1,111
35EW31303	0
39EW31303	0
39EW31303	0
TOTAL	1,111

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	1,111	1,297	1,199	1,120	1,153
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
TOTAL	1,111	1,297	1,199	1,120	1,153

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	1,359	1,371	1,462	1,408	1,450
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
TOTAL	1,359	1,371	1,462	1,408	1,450

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A106 Cross References

A106 Number: N/A

Date:

Title:

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 7100 0

Title: SAME

Transferred in its entirety: Y

Explanation of Change:

MILESTONES

Milestone No.: Milestone Seq: 7100-00-0005 TPA MS NO.: M-11-00

Title: INITIATE OPERATIONS OF EXPANDED 222-S LABORATORY HOT CELLS

Planning Date Target Date Decrement Date Level: HQ Keyword: 0
6/30/1994 6/30/1994 PTS: Y SMS: Y

Driver Name: TRI Driver Reference: TPA, May 1989

PRESENT IN Tiger Team: N Program Execution Guidance: Y

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

Description:

Complete construction and initiate operations of expanded laboratory hot cells for high-level radioactive mixed waste.

Milestone No.: Milestone Seq: 7100-00-0030 TPA MS NO.: N/A

Title: COMPLETE CLEANOUT OF 325 HOT CELLS

Planning Date Target Date Decrement Date Level: CNTR Keyword: 0
9/30/1994 9/30/1994 PTS: Y SMS: Y

Driver Name: TRI Driver Reference: TPA

PRESENT IN Tiger Team: N Program Execution Guidance: N

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

Description:

Complete Cleanout of the 325 Hot Cells.

MILESTONES Continued

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~~MILESTONES Continued~~

Milestone No.: Milestone Seq: 7100-00-0015 TPA MS NO.: M-14-03
Title: INITIATE OPERATIONS OF 27 MODULE WSCF
Planning Date Target Date Decrement Date Level: HQ Keyword: O
11/30/1994 11/30/1994 PTS: N SMS: N
Driver Name: TRI Driver Reference: TPA, May 1989
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
INITIATE OPERATIONS OF 27 MODULE WSCF.

Milestone No.: Milestone Seq: 7100-00-0020 TPA MS NO.: M-14-04
Title: PROVIDE PROCUREMENT OF LOCALLY PROVIDED LAB SERVICES
Planning Date Target Date Decrement Date Level: HQ Keyword: O
10/31/1995 10/31/1995 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TPA
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Provide procurement of locally provided lab services.

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Technical Scope Summary(Limit 15 line or less):

The technical scope of this ADS is to provide for the base funding for operation of the laboratory facilities and infrastructure to support the analytical services need of the Hanford Site. This activity encompasses the operation, maintenance and upgrading of the facilities in a ready-to-serve configuration that meets the capability and capacity requirements of the Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement [TPA]) and the Hanford Mission Plan. It does not cover funding for management and analysis of samples to support specific programmatic scope. Those costs are covered by the requesting programs (programmatic customers) in their own ADS's.

Technical Scope Detail(Limit 104 lines or less):

Following is a short discussion of the major areas covered by this ADS:

PROGRAM MANAGEMENT INTEGRATION - This activity provides a focus of responsibility and authority for managing Analytical Services (AS) to ensure that credible and timely analytical data and results are achieved

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and all requirements are met. These responsibilities include integration of program activities that involve sampling and analysis by on-site and off-site DOE laboratories as well as commercial laboratories under contract. The funding for this activity supports Program Management, Technical & Quality Oversight, Business Management, Planning/Scheduling, Integration and Sample Data Administration.

LABORATORY OPERATIONS - This activity ensures that major facilities and equipment are base funded in a ready-to-serve configuration. Major facilities are: the 222-S Laboratory Complex, the WSCF Complex, and the 325 Analytical Chemistry Laboratory (ACL). Included in the base funding are: operation and maintenance of buildings and analytical equipment; support from engineering, quality assurance, and health physics; performance evaluation programs; service assessments for steam, laundry, utilities, waste burials/disposal, etc.; production control and material control support; and other activities required to ensure a safe, efficient, environmentally sound operation. Again, this ADS covers no production analytical work, except for routine stack and room air sampling activities.

This activity also provides a portion of the base funding for two auxiliary laboratories: 2703E, Chemical Engineering Lab (CEL), and 1706KE, Environmental Demonstration Lab, which provide analytical services not available elsewhere on site (e.g. prototype or mockup facilities). Partial base funding for Field Analytical Services (FAS) is also provided in the target case beginning in FY 1996.

UPGRADES - This activity provides for upgrades to give the Analytical Laboratories the capability and capacity to respond to programmatic mission demands for analytical services. These upgrades are a part of and are consistent with the 'Hanford Environmental Laboratories Upgrade Plan'. In the plan proposed laboratory upgrades are divided into two categories - capability and capacity. Capability upgrades are to ensure that the Hanford laboratories have the ability to run a large array of protocol analyses. Capacity upgrades address the throughput requirements in a production-type environment. ADS 1130 provides for program-specific upgrades for the Tank Waste Remediation System (TWRS) program. A joint Westinghouse/Pacific Northwest Laboratory (PNL) Laboratory Upgrade Integration Team developed the overall upgrade plan to ensure the workscope was divided appropriately, and without duplication. Upgrades include: systematic room by room upgrades for the 222-S Laboratory; development and implementation of the Laboratory Information Management System (LIMS) for all laboratories; upgrades to the 2703E auxiliary laboratory; and construction of general plant projects and small projects.

ACTIVITIES RELATED TO BUT NOT PART OF THIS ADS:

ADS 7100-1: Project 90-D-171, 222-S HVAC and Electrical Upgrade
ADS 7100-2: Project 93-D-181, Radioactive Waste Lines Replacement
ADS 7100-3: Project 95-D-407, 219-S Double Containment Upgrade
ADS 7110-0: Analytical Services new construction, contains all expense and capital support to out-

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year Line Items with start dates in FY 1997 and beyond.

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

ACTIVITIES COMPLETED TO DATE:

Continue to provide safe operations of the Analytical Services Laboratories.

Completed construction of Waste Sampling and Characterization Facility (WSCF). (Refer to ADS 2310-01, HEC Sub-project).

Paid the TPA fine for missing WSCF Startup in January, 1992 (\$100K).

Revised the 'PROGRAM PLAN FOR CONSTRUCTION TURNOVER AND STARTUP OF THE WASTE SAMPLING AND CHARACTERIZATION FACILITY', WHC-SD-WM-006, Rev 4 (WSCF Startup Plan).

Convened the WSCF Readiness Review Board which has been functioning to oversee the Operational Readiness Review (ORR) process. Intense effort is ongoing to complete punchlist items required for startup in FY 1994.

Completed the 1994 Fiscal Year Work Plan (FYWP) and the Multi-Year Program Plan (MYPP), Phases 1 and 2.

Updated 'HANFORD ENVIRONMENTAL LABORATORY UPGRADE PLAN', WHC-SD-WM-ES-243.

Continue program management and integration activities. The Hanford Analytical Services Management (HASM) organization has been dissolved. A new organizational structure, Analytical Services (AS), has been developed to ensure that programmatic activities involving on-site and off-site sampling and analysis are integrated to support the Hanford Mission.

Eliminated the backlog of hazardous waste at 222-S.
Selected LABCORE/LIMS vendor.

Began use of a commercial laboratories in February 1994 in support of TPA Milestone, M-14-04.

CURRENT YEAR (FY 1994) ACTIVITIES:

The 222-S, and ACL Laboratories will operate to provide a ready-to-serve facility. This includes life cycle replacement of obsolete analytical equipment and new equipment for required technology.

The WSCF Complex will operate for the full year in support of effluent treatment facilities which come on-line in FY 1995. Environmental samples and quality assurance (QA) oversight mission activities will be phased in as required.

The Auxiliary Laboratories (2703E and 1706KE) will operate to provide developmental and demonstration services.

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Laboratory upgrade activities will continue to support a ready-to-serve mode; LIMS development and implementation for 222-S, ACL and WSCF; expense support to projects; and preliminary engineering studies to examine the feasibility and workscope of proposed projects.

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 (\$6,603K), resulting in a new total of \$65,993K. These adjustments may require a FY95 budget amendment.

The 222-S Laboratory will operate to provide a ready-to-serve facility. This includes life cycle replacement of obsolete analytical equipment and new equipment for required technology.

The ACL Laboratory will operate to provide a ready-to-serve facility. This includes life cycle replacement of obsolete analytical equipment and new equipment for required technology.

The WSCF Complex will operate for the full year in support of effluent treatment facilities which come on-line in FY 1995. Environmental samples and QA oversight mission activities will be phased in as required.

The Auxiliary Laboratories (2703E and 1706KE) will operate to provide developmental and demonstration services.

Laboratory upgrade activities will continue to support a ready-to-serve mode; LIMS development and implementation for 222-S, ACL and WSCF; expense support to projects; and preliminary engineering studies to examine the feasibility and workscope of proposed projects.

The FY 1995 general plant project (GPP) funding will provide improvement of the 222-S Septic System. Modification is necessary to bring the system into compliance as set forth in the WAC 264-272, and will reduce operating costs by eliminating routine pumping of holding tanks on recently installed office buildings.

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

Decrement Level Activities

Facility Operations: This activity provides for the routine operations, maintenance and repair of all facilities and equipment associated with the 222-S, ACL, and WSCF laboratories to keep the facilities in a ready-to-serve mode. \$46,642K

222-S Facility Operations: This activity provides for base ready-to-serve analytical chemistry capability, performance of PE samples, preventive maintenance, \$(5,000K)

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instrument and equipment calibration on non-critical safety systems, and portions of procedure maintenance, training, and corresponding service assessments. Funded by TWRS in support of analytical laboratory operations.

Facility CENRTC: Capital equipment required to replace existing and obsolete equipment, and new equipment for required technology to support the ready-to-serve configuration. \$3,800K

Program Integration: Supports Analytical Services program management and integration, and quality assurance. \$3,344K

Auxiliary Laboratories: This activity provides for the routine operation, maintenance and repair of the 2703-E and 1706KE Laboratories to keep the facilities in a ready-to-serve mode. \$1,111K

Field Analytical Services: This activity provides partial base funding for the sample and mobile laboratories. \$197K

Project Support Under Directive: Expense support to projects under directive and preliminary engineering studies to examine the feasibility and workscope of proposed projects. \$763K

LIMS Development/Implementation: LIMS is required to replace the outdated system at 222-S and provide new systems for the ACL and WSCF Laboratories. This activity is currently ongoing with continued implementation of new features and functionality through systems configuration and development activities. An additional \$1.1M is funded by TWRS Characterization ADS 1130. \$1,579K

222-S Laboratory Facility Renovations: Capacity upgrades required to support at the ready-to-serve level. Room renovations are an ongoing program with 4 room renovations planned per year to maintain the capability of the laboratory to support the long term mission. The target level funds 2 rooms in FY 1996. An additional \$2.8M in FY 1996 is funded by the TWRS Characterization ADS 1130. \$1,577K

ACL 325 Facility Renovations: Capacity upgrades required to support at the ready-to-serve level. Continue ongoing renovations in Radiochemistry and Inorganic Laboratories. Interruption during renovations will impact the capacity. \$1,500K

222-S Productivity/Process Improvements: This funds efforts to bring the cost per sample analysis down by implementing cost-saving improvements that require up front investment. \$1,277K

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Productivity Challenge (\$5,141K)

TOTAL DECREMENT \$51,649K

Target Level Activities

222-S Laboratory Operations: This activity supports the ready-to-serve mode for portions of the maintenance activities, instrument calibrations, and operations of the 222-S facility and the 222-S Hot Cell. Maintenance backlogs will occur without this funding which may impact the availability of the facility to be in a ready-to-serve mode. \$2,351K

ACL Laboratory Operations: This activity supports the ready-to-serve mode for the ACL 325 Standards Laboratory and the Sample and Preparation Area. \$700K

GPP/Small Projects: Funds GPP and small projects that have been routinely identified each year. The Laboratory Maintenance Annex Addition is identified as a FY 1996 GPP. \$1,600K

Productivity Challenge (\$1,294K)

SUBTOTAL \$3,357K

TOTAL TARGET \$55,006K

Planning Activities

Laboratory Facility Operations:

222-S Facility Operations: The 222-S LIMS maintenance and operations, EPA Performance Evaluations, and Standards Support to become part of ready-to-serve will not be fully supported. The programs will continue to pay for these items through the analysis charges. \$2,711K

222-S Facility Operations: Full support to implement TIMS, conduct of operations, engineering document control and janitorial support will not be achieved. \$5,000K

ACL Facility Operations: Provide the ACL full ready-to-serve capability. ACL was to be phased in over FY 1994, 1995, and 1996. This level allows ACL to be fully funded at the ready-to-serve level. The program will continue to pay through analysis charges. \$1,713K

WSCF Operations: WSCF will not be adequately funded to maintain the LIMS system. Also, failure to fund additional unforeseen punchlist items could impact both capacity and capability at WSCF. \$ 983K

Facility CENRTC: Capital equipment required to replace existing \$4,885K

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and obsolete equipment, and new equipment for required technology to support the ready-to-serve configuration.

Program Integration: The impacts will be not having full support to methods review and coordination, sample data and laboratory administration, and cost/scheduling activities. \$1,230K

Auxiliary Labs: Delays full ready-to-serve base funding for 1706KE and 2703E laboratory maintenance activities. \$248K

Field Analytical Services: Delays the ready-to-serve base funding for FAS. This activity will continue to be funded by the Programs. \$2,263K

LIMS Development/Implementation: Limited funds may result in impacts to LIMS/LABCORE upgrades requiring extensive configuration and development effort. \$555K

222-S and 325 Laboratory Facility Upgrades: Lack of funds will result in delays in completion of 2 of 4 planned room renovations and will impact the ability to support the ready to serve level for projected sample analysis. Additional funding will be provided by the TWRS Characterization ADS 1130 to offset the unfunded room upgrades. \$3,077K

222-S Productivity/Process Improvements: Limited funds would impact ongoing improvements (i.e. Standard Laboratory Inventory Control (slic) enhancements, organic chemical methods development, 222-S technology development) in addition to delaying implementation of new process improvements (inorganic chemical methods development and manipulator study). \$405K

Expense Support to Projects: Engineering studies, FDC's, CDR's and conceptual planning for the FY 1997 through FY 2000 candidate projects. (\$225K)

GPP/Small Projects: Funds small projects that have been routinely identified each year. \$900K

SUBTOTAL \$23,745K

TOTAL PLANNING \$78,751K

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

The 222-S Laboratory will operate to provide a ready-to-serve facility to support Hanford's high level waste analysis. This includes life cycle replacement of obsolete analytical equipment and new equipment for required technology.

The ACL Laboratory will operate to provide a ready-to-serve facility. This includes life cycle replacement of obsolete analytical equipment and new

~~NARRATIVE Continued~~

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~~NARRATIVE Continued~~

equipment for required technology.

The WSCF Complex will continue its three-fold mission of support to Liquid Effluent Treatment Facilities, counting room analyses, and QA oversight of off-site lab contracts.

The Auxiliary Laboratories (2703E and 1706KE) will operate to provide developmental and demonstration services.

Field Analytical Services (FAS) will be funded by this ADS for a manager and some clerical assistance only. The FAS funding will continue to come from the programmatic customers.

Laboratory upgrade activities will continue to support a ready-to-serve mode; LIMS development and implementation for 222-S, ACL and WSCF; Expense support to projects; and preliminary engineering studies to examine the feasibility and workscope of proposed projects.

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.

IMPACTS AT THE DECREMENT LEVEL: 222-S LABORATORY OPERATIONS: Capability to support ready-to-serve configuration reduced at Decrement Level. 222-S building maintenance activities would be limited, may result in prolonged downtime availability of the facility & impact analytical services to the Programs. ACL LABORATORY OPERATIONS: ACL capability to support ready-to-serve configuration reduced at Decrement Level. Standards Laboratory and sampling & preparation area will continue to be supported through analysis costs charged to the programmatic customers. 222-S SEPTIC SYSTEM IMPROVEMENT: Current system does not meet the Washington State Department of Health requirements. Modification is necessary to bring system into compliance as set forth in the Washington Administrative Code (WAC) 264-272. System capacity needs to be increased to meet current and projected office space needs. No additional office space will be allowed to tie into the existing system nor will the system allow for any increase in manpower. The new 222-S office trailer sewer system will have to be pumped and transported by truck until this system is installed. Assumptions: Tri-Party-Agreement is the baseline for this ADS; on-site laboratories (222-S, WSCF, ACL) and commercial laboratories will be required in order to meet projected sample loads along with off-site DOE labs. Further, they will be funded at the ready-to-serve level; on-site laboratory upgrades will be fully funded to maintain services and expand capacity. TPA sampling loads will not be met without upgrades to Hanford Labs. Additional upgrades required to meet incremental program objectives funded in TWRS Characterization ADS 1130 per agreement with the Laboratory Integration Team. Implementation of LIMS throughout Hanford Laboratories is necessary to meet

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capacity demands for data reporting and will be funded to meet those demands. With the advent of the Environmental Restoration Contract (ERC) there will be impacts, but they are unknown at this time and are not reflected in this ADS submittal. The instability of funding priorities and sample projections within Hanford programs has limited the Laboratory's ability to prepare for future analytical work loads. The ability of the laboratory to predict adequate resources to carry out the work load is directly linked to the accuracy of the programs' sample projections and the degree of funding stability. In the absence of confident sample projections, the laboratory has proceeded along a conservative path of capacity and capability increases and has made best efforts to integrate with program needs and program funding levels.

Supporting Documents(Limit 5 lines or less):

The Atomic Energy Act; NEPA; RCRA; CERCLA and SARA; CWA; CAA; TSCA; SDWA; DOE Orders; State, local, and federal environmental laws and regulations; Meet enforceable Tri-Party Agreement, DOE-HQ, and DOE-RL Milestones; M-44 Waste Tank Characterization; M-18 WRAP I; M-19 WRAP II; M-17 Liquid Effluent Treatment; M-14 WSCF; M-11 Hot Cells; DNFSB.

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

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Operations Office: RL ID No.: 7100- 1 Revision Date: 4/22/1994
 ADS Title: 222-S LAB HVAC/ELECT UPGRADE (90-D-171)
 WBS No.: 1.3.7.6.1 Category: WM Appr.:
 Project Title: LABORATORY OPERATIONS & Facility/WAG: 222-S Laboratory
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: N/A TPC: 9200 TEC: 9200
 Contig: 1200
 CNTR Manager: SPOHR, RA Phone: 509-372-2239
 O.O. Manager: HENNIG, JM Phone: 509-376-1366
 H.Q. Manager: POPPITTI, J Phone: 301-903-7250
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

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

REGULATORY DRIVERS

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

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	FY96 DRIVER CATEGORY			IMM RISK
					DECREMENT	TARGET	PLAN	
OE	110	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	110	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	1	0
Indirect	1	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	1	0
Indirect	1	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 SITE SUPPORT-NFP				FY96 DRIVER		CATEGORY	
SUB-DESC:	PROGRAM:	EM	SUBACT:	DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 222-S HVAC & ELECTRICAL UPGRADE							
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
EW3130030	110	0		E	0	0	0
35EW31303	0	0		F	0	0	0
39EW31303	0	0		G	0	0	0
39EW31303	0	0		H	0	0	0
				I	0	0	0
TOTAL	110	0		TOTAL	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130030	0
35EW31303	0
39EW31303	0
39EW31303	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	0	0	0	0	0
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	0	0	0	0	0
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
TOTAL	0	0	0	0	0

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A106 Cross References

A106 Number: N/A Date:
Title:
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 7100 1
Title: SAME
Transferred in its entirety: Y
Explanation of Change:

MILESTONES

Milestone No.: Milestone Seq: 7100-01-0005 TPA MS NO.: N/A
Title: Complete 222-S HVAC and Electrical Upgrades (90-D-171)
Planning Date Target Date Decrement Date Level: FO Keyword: O
2/01/1994 2/01/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TPA, May 1989, M-11
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: N Current Year Workplan: Y Safety and Health: N

Description:

This project will upgrade the 222-S ventilation and electrical systems to provide for safe operation as a radiochemistry lab. This is a prerequisite for operation of the Hot Cell Addition, Project W-041 (TPA milestone M-11-00).

NARRATIVE

LAST UPDATE: 04-24-1994 TIME: 08:25:18

Technical Scope Summary(Limit 15 line or less):

Project 90-D-171 will upgrade the 222-S Laboratory Heating, Ventilation and Air Conditioning (HVAC) and Electrical Systems to provide for safe operation as a radiochemical laboratory.

Technical Scope Detail(Limit 104 lines or less):

NARRATIVE Continued

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The existing HVAC system will be upgraded to meet the laboratory's requirements for additional hood installation and for operation of the Hot Cell Addition, Project W-041H (Ref ADS 2310 for construction of this facility). These upgrades will include an energy management control system, replacement of aged wiring, waste recovery system, and redundant HEPA filter system as a backup exhaust air system. It will also upgrade the 480-volt electrical system to accommodate the increased demands stemming from the HVAC portion of this upgrade. The electrical upgrades will comply with current electrical codes and include a new double-ended electrical sub-station, power center, and variable speed supply and exhaust fans.

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

The definitive design for this project was completed in FY 1991. The capital funding was provided in prior years.

The expense funding provides for project management oversight.

CURRENT YEAR ACTIVITIES:

Continue project management and construction activities. Construction is scheduled to be completed in July 1994.

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

No activity is planned for this project in FY 1995.

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

No activity is planned for this project in FY 1996.

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

No activity is planned for this project in FY 1997-2000.

Impacts/Assumptions(Limit 42 lines or less):

NONE

Supporting Documents(Limit 5 lines or less):

TPA Milestone M-11- : 222-S Hot Cell Addition
40 CFR 265-193 : Containment and Detection of Releases Executive
Order 12088 : Deals with Pollution Control Standards

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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Date: 6/01/1994

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 Time: 14:27

Operations Office: RL ID No.: 7100- 2 Revision Date: 4/22/1994
 ADS Title: RADIOACTIVE WASTE LINES (93-D-181)
 WBS No.: 1.3.7.6.3 Category: WM Appr.:
 Project Title: RADIOACTIVE WASTE LINES Facility/WAG: 222-S LABORATORY
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: 93-D-181 TPC: 17864 TEC: 17366
 Contig: 17366
 CNTR Manager: SPOHR, RA Phone: 509-372-2239
 O.O. Manager: HENNIG, JM Phone: 509-376-1366
 H.Q. Manager: POPPITTI, J Phone: 301-903-7250
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

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

REGULATORY DRIVERS

CAA: Y CWA: SDWA: Y RCRA: Y 3004U: TSCA: CERCLA: Y NEPA:
 DOE: IAG: OSHA: ORD: ST : TRI : Y FED : 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	190	203		A	0	5,099	5,099	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	2,766	8,900		D	0	0	0	0
				E	0	0	0	0
TOTAL	2,956	9,103		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	0	5,099	5,099	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	99	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	5,000	0	0	0	0
TOTAL	5,099	0	0	0	0

FTEs	FY94	FY95
Direct	2	2
Indirect	1	2
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	1	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	99	0	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	5,000	0	0	0	0
TOTAL	5,099	0	0	0	0

FTEs	FY94	FY95
Direct	2	2
Indirect	1	2
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	1	0	0	0	0
Indirect	1	0	0	0	0
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SITE SUPPORT-NFP						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: RADIOACTIVE WASTE TRANSFER LINES									
APPROP: D									
					A	0	5,099	5,099	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130030	190	203			E	0	0	0	0
35EW31303	0	0			F	0	0	0	0
39EW31303	0	0			G	0	0	0	0
39EW31303	2,766	8,900			H	0	0	0	0
					I	0	0	0	0
TOTAL	2,956	9,103			TOTAL	0	5,099	5,099	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130030	0
35EW31303	0
39EW31303	0
39EW31303	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	99	0	0	0	0
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	5,000	0	0	0	0
TOTAL	5,099	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	99	0	0	0	0
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	5,000	0	0	0	0
TOTAL	5,099	0	0	0	0

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A106 Cross References

A106 Number: N/A

Date:

Title:

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 7100 2

Title: SAME

Transferred in its entirety: Y

Explanation of Change:

MILESTONES

Milestone No.: Milestone Seq: 7100-02-0010 TPA MS NO.: M-32-02
Title: Complete construction of Radioactive Waste Lines (93-D-181)
Planning Date Target Date Decrement Date Level: FO Keyword: O
2/29/1996 2/29/1996 2/29/1996 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: TPA, May 1989, M-32-02
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
Complete Construction, Hot Waste Transfer Lines.

NARRATIVE

LAST UPDATE: 04-24-1994 TIME: 10:31:44

Technical Scope Summary(Limit 15 line or less):

This project will replace the radioactive waste drain piping from the hot cells and waste drains from the laboratories in 222-S to the 219-S Waste Handling Facility and will provide a new waste transfer route from 219-S to the 244-S Catch Station in the Tank Farms. Replacing the old piping in the 222-S tunnels and the existing transfer piping outside of these tunnels meets the double-containment requirements outlined in WAC-173-303-640.

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Technical Scope Detail(Limit 104 lines or less):

All accessible drain piping in the 222-S tunnels and all external piping will be encased piping. Spare encased piping will be provided for all external piping runs. Pipeline leak detection will be provided at the encasement low points located at the 219-S Facility and the 244-S Catch Station.

This project also includes the installation of a new pump in the 219-S Facility to allow for the transfers and flushing of the primary piping with raw water. The sump pumps in the 222-S tunnels will be replaced. Out-of-service piping in the 222-S facility will be removed and disposed of. There is a related project, 95-D-407, 219-S Secondary Containment Upgrade, a candidate FY 1995 Line Item. This project will replace and upgrade the tanks, piping and instrumentation in the 219-S facility (ref. Suffix 3, subactivity AA of this ADS).

The 222-S facility is dependent upon the 202-S facility, which is due for Decontamination and Decommissioning (D & D), to transfer high-level liquid waste to the tank farms via a jumpered line that runs through the 202-S Canyon. Shutdown of the 222-S Facility could occur in the event of jumper failure in the 202-S canyon. (NOTE: Liquid waste is currently being transferred to tank farms via truck because of a leaking tank in a tank farm diversion box. This is a short-term situation that will not be an acceptable practice when projected sample loads produce higher volumes and greater radiation levels of liquid waste.)

In summary, this project will install the required upgrades, thus eliminating the current hazards associated with the age (40-plus years) and condition of the existing transfer system, while bringing the system into compliance with 40 CFR 265.193 and WAC-173-303-640.

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

ACTIVITIES COMPLETED TO DATE:

Project validation as a FY 1993 Line Item has occurred. Project authorization of \$2.7M received in FY 1994. Begin definitive design activities.

CURRENT YEAR ACTIVITIES:

The expense funding provides project management oversight.

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 \$5,605K, resulting in a new total of \$9,103K. These

~~NARRATIVE Continued~~

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adjustments may require a FY 1995 budget amendment.

Definitive Design is scheduled for completion October 31, 1994 with construction to commence April 30, 1994.

The expense funding provides project management oversight.

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

Target Level Activities

Continue construction activities and project management oversight. \$5,099K

The target level construction funds in FY 1996 will not allow the TPA M-32 milestone to be met.

TOTAL \$5,099K

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

Continue project management activities and construction. Construction will be completed in FY 1999.

Impacts/Assumptions(Limit 42 lines or less):

The current encased lines do not comply with applicable codes, namely 40 CFR 265.193 and WAC-173-303-640. Affects employee safety as maintenance is required in the facility.

Ecology may not approve the Part B Permit for the 222-S Facility project is completed which could cause shutdown of the 222-S Laboratory. (TPA Milestone M-20-22)

This project has been included in the TPA Milestone M-32.

The 222-S Laboratory is currently dependent upon the 202-S Facility for transfer of high-level liquid waste to the tank farms. It is important to decouple the 222-S Lab from the 202-S Facility because 202-S will be decontaminated and decommissioned at some point in the future. Maintenance of the line in the 202-S Facility is not feasible.

Failure of any of the waste transfer systems described above could result in an unscheduled shutdown of the 222-S Laboratory. The laboratory is required for support to Hanford programmatic missions, including activities that support numerous milestones in the Hanford Federal Agreement and Consent Order (Tri-Party Agreement), including M-44 (Waste Tank Characterization) and M-41 (Single-Shell Tank Interim Stabilization). Other laboratories on the Hanford Site would not be able to support the increased workload resulting from such a shutdown. Commercial laboratory and other DOE laboratory capacity to process these high-activity samples is extremely limited.

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NARRATIVE Continued

Supporting Documents(Limit 5 lines or less):

TPA Milestone M-10-00 : Single Shell Tanks (SST).
40 CFR 265.193 M-17-00: Containment and Detection of Releases
WAC 173-303-640 : Dealing with dangerous waste containment systems
Executive Order 12088 : Deals with Pollution Control Standards
TPA Milestone M-32-00:

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.

DESCRIPTION OF REGULATORY DRIVERS

--- NARRATIVE Continued ---

Supporting Documents(Limit 5 lines or less):
TVA Milestone M-10-00 : Single Shell Tanks (SST)
40 CFR 193 M-11-00: Containment and Detection of Leaks
WAC 173-303-600 : Dealing with dangerous waste containment systems
Executive Order 12958 : Deal with Pollution Control Standards
TVA Milestone M-32-00

Performance Measures(Limit 15 lines or less):
Specific performance measures consistent with provisions of the Government
Performance Review and the National Performance Review were
submitted under separate reports.

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--- DESCRIPTION OF REGULATORY IMPACT ---

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Page: 1
 Date: 6/01/1994 Time: 14:28

Operations Office: RL ID No.: 7100- 3 Revision Date: 4/22/1994
 ADS Title: 219-S DOUBLE CONTAINMENT UPGRADE (95-D-407)
 WBS No.: 1.3.7.6.1 Category: WM Appr.:
 Project Title: LABORATORY OPERATIONS & Facility/WAG: 222-S Laboratory
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: 95-D-407 TPC: 3012 TEC: 2600
 Contig: 2600
 CNTR Manager: SPOHR, RA Phone: 509-372-2239
 O.O. Manager: HENNIG, JM Phone: 509-376-1366
 H.Q. Manager: POPPITTI, J Phone: 301-903-7250
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

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

REGULATORY DRIVERS

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

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	FY96 DRIVER CATEGORY			IMM RISK
					DECREMENT	TARGET	PLAN	
OE	37	78		A	808	808	808	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	0	0	0	0
LI	0	2,000		D	0	0	0	0
				E	0	0	0	0
TOTAL	37	2,078		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	808	808	808	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	208
CE	0
GPP	0
LI	600
TOTAL	808

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	208	83	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	600	0	0	0	0
TOTAL	808	83	0	0	0

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

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	2	1	0	0	0
Indirect	1	1	0	0	0
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	208	83	0	0	0
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	600	0	0	0	0
TOTAL	808	83	0	0	0

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

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	2	1	0	0	0
Indirect	1	1	0	0	0
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SITE SUPPORT-NFP						FY96 DRIVER CATEGORY									
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK						
TITLE: 219-S SECONDARY CONTAINMENT UPRG															
APPROP: D															
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D	E	F	G	H	I
EW3130030	37		78				808	0	0	0	0	0	0	0	0
35EW31303	0		0				0	0	0	0	0	0	0	0	0
39EW31303	0		0				0	0	0	0	0	0	0	0	0
39EW31303	0		2,000				0	0	0	0	0	0	0	0	0
TOTAL	37		2,078				808	0							

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130030	208
35EW31303	0
39EW31303	0
39EW31303	600
TOTAL	808

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	208	83	0	0	0
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	600	0	0	0	0
TOTAL	808	83	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	208	83	0	0	0
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	600	0	0	0	0
TOTAL	808	83	0	0	0

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A106 Cross References

A106 Number: N/A Date:
Title:
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 7100 0
Title: LABORATORY OPERATIONS AND UPGRADES
Transferred in its entirety: Y
Explanation of Change:

MILESTONES

Milestone No.: Milestone Seq: 7100-03-0005 TPA MS NO.: M-32-02
Title: Complete Construction of 219-S Secondary Containment (95-D-407)
Planning Date Target Date Decrement Date Level: FO Keyword: 0
12/27/1997 12/27/1997 PTS: N SMS: N
Driver Name: ST Driver Reference: TPA May 1989, M-32-02
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

Complete Construction of Project 95-D-407 which will provide secondary containment and associated leak detection equipment that will bring the system into compliance with RCRA and WAC-173-303-640.

NARRATIVE

LAST UPDATE: 04-22-1994 TIME: 17:44:09

Technical Scope Summary(Limit 15 line or less):

Project 95-D-407 will upgrade the hazardous waste containment system at the 219-S Waste Handling Facility.

Technical Scope Detail(Limit 104 lines or less):

The project will provide secondary containment and associated leak

NARRATIVE Continued

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~~NARRATIVE Continued~~

detection equipment that will bring this system into compliance with the double containment requirements of Resource Conservation and Recovery Act (RCRA) and the Washington Administration Code (WAC) 173-303-640.

As assessment to determine the integrity of the tanks at the 219-S Waste Handling Facility was performed in 1990. The result of the assessment concluded that the tanks were not adequately restrained to resist lateral loading, the integrity of the coating on the cells in which the tanks are located are in question, the crib waste storage line has a flaw and the shims have since been compromised by a tank overflow of highly acidic liquids in 1991. This condition is being evaluated on a regular basis and appropriate actions taken as required.

The 219-S Waste Handling Facility is located in the 200 West Area and was constructed in 1951 to support the 222-S Laboratory Facility. The 219-S Waste Handling Facility has three tanks that receive, sample and treat intermediate and high activity low level radioactive wastes from the 222-S Laboratory Facility before transfer to the SY Tank Farm in the 200 West Areas. These tanks are considered a treatment, storage and/or disposal unit under WAC 173-303.

This project provides 219-S with new secondary containment to meet Ecology regulations. Also provides new piping with flexible links to relieve seismic requirements on the tanks. The present 219-S Facility existing tanks (101, 102 and 103) do not meet the requirements of the RCRA or the WAC code 173-303, Section 640. The 219-S Facility receives intermediate and high activity low level radioactive contaminated wastes that are generated by the 222-S Laboratory. The facility was constructed in 1951 utilizing single walled tanks (2) which were fabricated in 1943 and one fabricated in 1950. The scope of this project will provide the 219-S Facility with secondary containment for all tanks and piping systems. Tank 103 will be replaced with a new tank which will be designated as Tank 104. Corrosion protection shall be installed as required. The cells shall be cleaned and the surface repaired as required.

New tank support shims shall be designed and installed, as required. A leak detection system which will detect the failure of the primary containment or any release of hazardous waste or accumulated liquid in the secondary containment system. A leak detection system capable of detecting a release within 24 hours shall be installed with appropriate alarms.

Project 95-D-407 will replace required piping from the interior cell walls to individual tanks and piping for tank to tank interconnections. Piping from Tank 102 to the discharge pump shall be supplied by this project. Project W-041, Environmental Hot Cell Upgrade, provides new drain lines

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

ACTIVITIES COMPLETED TO DATE:

The Engineering Study, Functional Design Criteria (FDC) and Conceptual

~~NARRATIVE Continued~~

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NARRATIVE Continued

Design Report (CDR) are complete. The project has been validated as FY 1995 Line Item.

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 (\$43K), resulting in a new total of \$2,078K. These adjustments may require a FY 1995 budget amendment.

Definitive design will be started in FY 1995.

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

Decrement Level Activities

Complete definitive design and start construction activities. \$808K

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

Construction will be completed in December, 1996.

Impacts/Assumptions(Limit 42 lines or less):

The 222-S Laboratory Facility cannot operate without the Hazardous Waste Containment System of the 219-S Facility.

The 219-S Hazardous Waste Containment System is not in compliance with the double containment requirements of RCRA and the WAC 173-303-640.

If the hazardous waste containment system does not meet the RCRA and WAC, the Part B Permit for the 222-S Laboratory may not be approved by the Washington State Department of Ecology and the facility could be shutdown.

The laboratory is required for support to Hanford programmatic missions, including activities that support numerous milestones in the Hanford Federal Agreement and Consent Order (Tri-Party Agreement), including M-44 (Waste Tank Characterization) and M-41 (Single-Shell Tank Interim Stabilization). Other laboratories on the Hanford Site would not be able to support the increased workload resulting from such a shutdown. Commercial laboratory and other DOE laboratory capacity to process these high-activity samples is extremely limited.

Supporting Documents(Limit 5 lines or less):

TPA Milestones: M-01-00, M-17-00, M-41-00, and M-44-00.

40 CFR 265.193, 40 CFR 1500 to 1508, and 40 CFR 20694.

WAS 173-303-640 : Dangerous Waste Containment.

Executive Order 12088: Pollution Control Standards.

Clean Air Act, Clean Water Act

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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~~

NARRATIVE Continued

Performance Measures/Limit is (less 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 ACTIVITY
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Operations Office: RL ID No.: 7110- 0 Revision Date: 4/22/1994
 ADS Title: LABS - NEW FACILITY PLANNING
 WBS No.: 1.3.7.6.2 Category: WM Appr.:
 Project Title: ANALYTICAL SERVICES-NEW Facility/WAG: 222-S LAB, WSCF LAB, 325 LAB
 Installation: HANFORD CID: RL10930 ZOVHD: 18
 For Line Item Project: N/A TPC: 270653 TEC: 258950
 Contig: 258950
 CNTR Manager: SPOHR, RA Phone: 509-376-1366
 O.O. Manager: HENNIG, JM Phone: 509-376-1366
 H.Q. Manager: POPPITTI, J Phone: 301-903-7250
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

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

REGULATORY DRIVERS

CAA: CWA: SDWA: Y RCRA: Y 3004U: TSCA: CERCLA: Y NEPA: Y
 DOE: Y IAG: OSHA: ORD: ST : TRI : Y FED : 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	786		A	166	762	1,974	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	786		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	166	762	1,974	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	166
CE	0
GPP	0
LI	0
TOTAL	166

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	762	2,101	1,208	1,293	2,385
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	2,500	20,900	30,500	15,050
TOTAL	762	4,601	22,108	31,793	17,435

FTEs	FY94	FY95
Direct	0	2
Indirect	0	2
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	4	12	5	6	17
Indirect	3	9	4	4	12
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	1,974	585	1,208	1,293	2,385
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	2,500	17,900	34,500	14,050
TOTAL	1,974	3,085	19,108	35,793	16,435

FTEs	FY94	FY95
Direct	0	2
Indirect	0	2
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	11	3	6	6	17
Indirect	8	2	4	4	12
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SITE SUPPORT-NFP						FY96 DRIVER		CATEGORY	IMM RISK
SUB-DESC: PROGRAM: EM SUBACT: NA						DECREMENT	TARGET	PLAN	
TITLE: 222-S OPERATIONS SUPPORT FACILIT									
APPROP: D									
					A	0	0	166	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130030	0	0			E	0	0	0	0
35EW31303	0	0			F	0	0	0	0
39EW31303	0	0			G	0	0	0	0
39EW31303	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	0			TOTAL	0	0	166	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130030	0
35EW31303	0
39EW31303	0
39EW31303	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	0	272	110	113	117
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	2,000	6,000	7,050
TOTAL	0	272	2,110	6,113	7,167

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	166	41	110	113	117
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	2,000	8,000	5,050
TOTAL	166	41	2,110	8,113	5,167

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Budget Detail Profile

DESC: RICHLAND SITE SUPPORT-NFP				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: NB				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: WSCF OPERATIONS SUPPORT FACILITY							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	B	C	D
EW3130030	0	0		0	0	166	0
35EW31303	0	0		0	0	0	0
39EW31303	0	0		0	0	0	0
39EW31303	0	0		0	0	0	0
TOTAL	0	0		0	0	166	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130030	0
35EW31303	0
39EW31303	0
39EW31303	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	0	0	110	113	117
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	1,900	2,000	0
TOTAL	0	0	2,010	2,113	117

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	166	41	110	113	117
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	1,900	2,000	0
TOTAL	166	41	2,010	2,113	117

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Budget Detail Profile

DESC: RICHLAND SITE SUPPORT-NFP				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: NF				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: ACL OPERATIONS SUPPORT FACILITY							
APPROP: D							
			A	0	0	50	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
				D	0	0	0
EW3130030	0	300		E	0	0	0
35EW31303	0	0		F	0	0	0
39EW31303	0	0		G	0	0	0
39EW31303	0	0		H	0	0	0
				I	0	0	0
TOTAL	0	300		TOTAL	0	50	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130030	0
35EW31303	0
39EW31303	0
39EW31303	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	0	200	200	200	0
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	2,500	6,000	2,500	0
TOTAL	0	2,700	6,200	2,700	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	50	200	200	200	0
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	2,500	6,000	2,500	0
TOTAL	50	2,700	6,200	2,700	0

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Budget Detail Profile

DESC: RICHLAND SITE SUPPORT-NFP						FY96 DRIVER		CATEGORY	
SUB-DESC: PROGRAM: EM SUBACT: NG						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: ALTERNATIVE RADIOACTIVE LIQUID W									
APPROP: D									
					A	0	300	300	0
					B	0	0	0	0
B&R	FY94	APPR	FY95	PRES	FY95	APPR			
					C	0	0	0	0
					D	0	0	0	0
					E	0	0	0	0
EW3130030	0		100		F	0	0	0	0
35EW31303	0		0		G	0	0	0	0
39EW31303	0		0		H	0	0	0	0
39EW31303	0		0		I	0	0	0	0
TOTAL	0		100		TOTAL	0	300	300	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130030	0
35EW31303	0
39EW31303	0
39EW31303	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	300	0	200	200	0
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	4,000	6,000	0
TOTAL	300	0	4,200	6,200	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	300	0	200	200	0
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	4,000	6,000	0
TOTAL	300	0	4,200	6,200	0

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Budget Detail Profile

DESC: RICHLAND SITE SUPPORT-NFP						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: NH						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 325 BLD RENOVATION OF CHEMICAL P									
APPROP: D									
					A	0	0	350	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130030	0	0			E	0	0	0	0
35EW31303	0	0			F	0	0	0	0
39EW31303	0	0			G	0	0	0	0
39EW31303	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	0			TOTAL	0	0	350	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130030	0
35EW31303	0
39EW31303	0
39EW31303	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	0	450	200	200	200
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	2,000	8,000	4,000
TOTAL	0	450	2,200	8,200	4,200

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	350	50	200	200	200
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	2,000	8,000	4,000
TOTAL	350	50	2,200	8,200	4,200

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Budget Detail Profile

DESC: RICHLAND SITE SUPPORT-NFP				FY96 DRIVER		CATEGORY		
SUB-DESC: PROGRAM: EM SUBACT: NK				DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: LABORATORY STANDARDS FACILITY								
APPROP: D				A	0	296	166	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW3130030	0	0		E	0	0	0	0
35EW31303	0	0		F	0	0	0	0
39EW31303	0	0		G	0	0	0	0
39EW31303	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	0	0		TOTAL	0	296	166	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130030	0
35EW31303	0
39EW31303	0
39EW31303	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	296	423	110	113	117
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	1,000	4,000	0
TOTAL	296	423	1,110	4,113	117

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	166	41	110	113	117
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	1,000	4,000	0
TOTAL	166	41	1,110	4,113	117

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Budget Detail Profile

DESC: RICHLAND SITE SUPPORT-NFP				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: NP				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: Waste Sampling Characterization							
APPROP: D							
			A	0	0	608	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130030	0	0		E	0	0	0
35EW31303	0	0		F	0	0	0
39EW31303	0	0		G	0	0	0
39EW31303	0	0		H	0	0	0
				I	0	0	0
TOTAL	0	0		TOTAL	0	608	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130030	0
35EW31303	0
39EW31303	0
39EW31303	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	0	715	42	113	117
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	0	1,000	4,000
TOTAL	0	715	42	1,113	4,117

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	608	171	42	113	117
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	0	1,000	4,000
TOTAL	608	171	42	1,113	4,117

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Budget Detail Profile

DESC: RICHLAND SITE SUPPORT-NFP						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: NQ						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 222-S ANCILLIARY EQUIPMENT ADDIT									
APPROP: D									
						166	166	166	0
						0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR			0	0	0	0
EW3130030	0	386				0	0	0	0
35EW31303	0	0				0	0	0	0
39EW31303	0	0				0	0	0	0
39EW31303	0	0				0	0	0	0
TOTAL	0	386				166	166	166	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DEGR LEVEL
EW3130030	166
35EW31303	0
39EW31303	0
39EW31303	0
TOTAL	166

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	166	41	113	113	117
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	4,000	1,000	0
TOTAL	166	41	4,113	1,113	117

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	166	41	113	113	117
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	1,000	3,000	1,000
TOTAL	166	41	1,113	3,113	1,117

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A106 Cross References

A106 Number: N/A Date:
Title:
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 7100 0
Title: LABORATORY OPERATIONS AND UPGRADES
Transferred in its entirety: Y
Explanation of Change:

MILESTONES

Milestone No.: Milestone Seq: 7110-00-0005 TPA MS NO.: N/A
Title: COMPLETE ACL OPS SUPPORT FAC UPGRADE & RLWS REPLACEMENT
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1999 9/30/1999 PTS: N SMS: N
Driver Name: TRI Driver Reference: N/A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Complete Construction of the ACL Operations Support Facility Upgrade and Radioactive
Liquid Waste System.

Milestone No.: Milestone Seq: 7110-00-0030 TPA MS NO.: N/A
Title: COMPLETE CONSTRUCTION OF WSCF OPERATIONS SUPPORT FACILITY
Planning Date Target Date Decrement Date Level: FO Keyword: O
1/30/2000 1/30/2000 PTS: N SMS: N
Driver Name: TRI Driver Reference: N/A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Complete Construction of WSCF Operations Support Facility.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 7110-00-0025 TPA MS NO.: N/A
Title: COMPLETE CONSTRUCTION OF 222-S OPERATIONS SUPPORT FACILITY
Planning Date Target Date Decrement Date Level: FO Keyword: 0
4/30/2000 4/30/2000 PTS: N SMS: N
Driver Name: TRI Driver Reference: N/A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Complete Construction of 222-S Operations Support Facility.

Milestone No.: Milestone Seq: 7110-00-0010 TPA MS NO.: N/A
Title: COMPLETE CONSTRUCTION OF ALTERNATIVE RADIOACTIVE LIQUID WASTE SYS
Planning Date Target Date Decrement Date Level: FO Keyword: 0
9/30/2000 9/30/2000 PTS: N SMS: N
Driver Name: TRI Driver Reference: N/A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Complete Construction of Alternative Radioactive Liquid Waste System.

Milestone No.: Milestone Seq: 7110-00-0015 TPA MS NO.: N/A
Title: COMPLETE CONSTRUCTION OF 325 BLDG RENOVATION OF CHEM PROCESS SYS
Planning Date Target Date Decrement Date Level: FO Keyword: 0
9/30/2000 9/30/2000 PTS: N SMS: N
Driver Name: TRI Driver Reference: N/A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Complete Construction of the 325 Building Renovation of the Chemical Process System.

Milestone No.: Milestone Seq: 7110-00-0020 TPA MS NO.: N/A
Title: COMPLETE CONSTRUCTION 222-S ANCILLIARY EQUIPMENT ADDITION
Planning Date Target Date Decrement Date Level: FO Keyword: 0
9/30/2000 9/30/2000 PTS: N SMS: N
Driver Name: TRI Driver Reference: N/A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Complete Construction of the 222-S Ancilliary Equipment Addition.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 7110-00-0045 TPA MS NO.: N/A
Title: COMPLETE CONSTRUCTION OF STANDARDS LAB FACILITY
Planning Date Target Date Decrement Date Level: FO Keyword: 0
9/30/2000 9/30/2000 PTS: N SMS: N
Driver Name: TRI Driver Reference: N/A
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Complete Construction of the Standards Laboratory Facility.

NARRATIVE

LAST UPDATE: 04-24-1994 TIME: 09:57:35

Technical Scope Summary(Limit 15 line or less):

This ADS supports the engineering studies, functional, conceptual, and definitive design, and construction for Analytical Services line items with start dates in FY 1997 and beyond. These projects are required to meet programmatic commitments, including laboratory and capability requirements as identified in the Hanford Environmental Upgrade Plan, DOE orders and regulations, and indirectly supports Tri-Party Agreement milestones.

Technical Scope Detail(Limit 104 lines or less):

Following is the list of line items contained in this ADS. Both capital and expense requirements are funded in this ADS.

Construction Year FY 1997: THE ANALYTICAL CHEMISTRY LABORATORY OPERATIONS SUPPORT FACILITY UPGRADE AND RADIOACTIVE LIQUID WASTE SYSTEM REPLACEMENT - removes the existing waste disposal line from the basement of the 325 Building office space and will replace it with a properly shielded line that is external to the 325 Building. In addition, this project will reconfigure and modify the facility to provide separation of the radiation control area from non-radiation control areas, handicapped accessibility and increased office space.

Construction Year FY 1998: THE 222-S ANCILLARY EQUIPMENT ADDITION - will provide the 222-S Facility with an addition that will provide manipulator repair and storage, equipment decontamination and storage, and laundry storage capability.

Construction Year FY 1998: THE LABORATORY STANDARDS FACILITY - will provide either a newly constructed laboratory or will allow renovation of an existing standards laboratory to conduct analytical laboratory standards currently prepared at a variety of facilities at the Hanford site.

NARRATIVE Continued

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Construction Year FY 1998: ALTERNATIVE RADIOACTIVE LIQUID WASTE DISPOSAL SYSTEM - for the 325 Building provides an alternative method of waste disposal which is required to guarantee uninterrupted support for Hanford waste tank characterization actions. Past disposal methods have been highly unpredictable and unreliable.

Construction Year FY 1998: THE 222-S OPERATIONS SUPPORT FACILITY - will provide a 78,000 square-foot support facility and parking area for the 222-S Laboratory. The project will consolidate support personnel from eight separate, remote facilities into one building.

Construction Year FY 1998: THE WASTE SAMPLING CHARACTERIZATION FACILITY (WSCF) OPERATIONS SUPPORT FACILITY - will provide a 24,000 square-foot support facility for the WSCF Laboratory. The support facility will provide permanent space for the WSCF Facility occupants.

Construction Year FY 1999: THE ANALYTICAL CHEMISTRY LABORATORY RENOVATION OF PROCESS SYSTEMS LABORATORY - modernizes laboratories within the Chemical Process Systems Section of the 325 Building. The Process Systems Laboratory represents a vital part of the waste remediation capabilities at PNL and Hanford and must be modernized to continue support to the Hanford mission.

Construction Year FY 1999: THE WASTE SAMPLING CHARACTERIZATION FACILITY (WSCF) UPGRADES - scope is as yet undefined, but the intent is to provide resources for potential outyear upgrades in the WSCF Facility.

Construction Year FY 2005: THE TRANSURANIC WASTE ANALYSIS LABORATORY (TWAL) - is a self supporting analytical laboratory with associated infrastructure which will provide the capability to prepare samples and perform analyses on wastes that contain both high levels of transuranic materials and wastes that contain hazardous chemical constituents.

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

ACTIVITIES COMPLETED TO DATE:

222-S Operational Support Facility - The engineering study and functional design criteria are complete.

WSCF Operational Support Facility - The engineering study and functional design criteria are complete.

222-S Ancillary Equipment Addition - The engineering study is complete.

CURRENT YEAR ACTIVITIES:

Standards Laboratory - Complete engineering study and begin functional design criteria.

222-S Ancillary Equipment Addition - Complete functional design criteria.

~~NARRATIVE Continued~~

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~~NARRATIVE Continued~~

Analytical Chemistry Laboratory (ACL) Operations Support Facility Upgrade and Radioactive Liquid Waste System (RLWS) - Develop the functional design criteria.

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 \$116K, resulting in a new total of \$786K. These adjustments may require a FY 1995 budget amendment.

222-S Ancillary Equipment Addition - Complete conceptual design report.

ACL Operations Support Facility Upgrade and RLWS Replacement - Complete the conceptual design criteria.

Alternative Radioactive Liquid Waste Disposal System for 325 Building - Begin engineering study to develop alternative disposal method for the 325 radioactive liquid wastes.

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

Decrement Level Activities

222-S Ancillary Equipment Addition - continue conceptual engineering activities. \$167K

Target Level Activities

Standards Laboratory - complete functional design criteria and conceptual design report. Lack of funds delays the completion of this project which impacts the ability to support projected increase laboratory operations in support of programs driven by Tri-Party-Agreement milestones. \$296K

Alternative Radioactive Liquid Waste Disposal System - begin preparation of the functional design criteria and the conceptual design report. \$300K

SUBTOTAL \$596K

TOTAL \$763K

Planning Level Activities

ACL Support Facility Upgrade and RLWS Replacement - Continue technical oversight in preparing line item implementation. \$50K

WSCF Upgrades - Complete functional and conceptual design criteria. \$608K

~~NARRATIVE Continued~~

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The Analytical Chemistry Laboratory Renovation of Process Systems Laboratory - Complete functional design criteria to renovate additional laboratory space.	\$350K
222-S Operations Support Facility - Complete conceptual design report and prepare for project validation. The support facility provides a permanent facility for 222-S Operations support personnel to be in compliance with DOE Orders, in addition to supporting programmatic requirements for increased capacity due to the increasing role of the laboratories in support of the Hanford cleanup mission.	\$166K
WSCF Operations Support Facility - Complete conceptual design report and prepare for project validation. The support facility provides a permanent facility for 222-S Operations support personnel to be in compliance with DOE Orders, in addition to supporting programmatic requirements for increased capacity due to the increasing role of the laboratories in support of the Hanford cleanup mission.	\$166K
Standards Laboratory - Required to complete functional design and conceptual design reports provided in budget year funds.	(\$130K)
	SUBTOTAL \$1,210K
	TOTAL \$1,973K

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

222-S Operational Support Facility - Complete conceptual design report, project validation and begin definitive design activities in FY 1998, complete construction in FY 2000.

WSCF Operational Support Facility - Complete conceptual design report, project validation and begin definitive design activities in FY 1998, complete construction in FY 2000.

222-S Ancillary Equipment Addition - Complete project validation in FY 1997, begin definitive design and construction in FY 1998, and complete construction in FY 2000.

Laboratory Standards Facility - Complete conceptual design report and project validation in FY 1997, begin definitive design and construction in FY 1998, and complete construction in FY 2000.

Transuranic Waste Analytical Laboratory - Begin engineering study in FY 1998, functional design criteria in FY 1999, and conceptual design report in FY 2000.

WSCF Upgrades - Complete engineering study, functional and conceptual

~~NARRATIVE Continued~~

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design sign in FY 1997, project validation in FY 1998, begin definitive design and construction activities in FY 1999, and complete construction in FY 2000.

ACL Operations Support Facility Upgrade and RLWS Replacement - begin definitive design and construction activities in FY 1997, complete construction in FY 2000.

Alternative Radioactive Liquid Waste Disposal System - project validation in FY 1997, begin definitive design and construction activities in FY 1998, complete construction in FY 2000.

ACL Renovation of Process Systems Laboratory -Begin engineering study, functional and conceptual design activities in FY 1998, project validation, definitive design in FY 1999, complete construction in FY 2001.

Impacts/Assumptions(Limit 42 lines or less):

The laboratories role in the Hanford cleanup mission continues to increase primarily in the Tank Waste Remedial System (TWRS), and Liquid Effluent and Solid Waste Programs.

Demands from programs driven by TPA requirements continue to expand based on current projections.

The projects are required in order to meet programmatic capacity/capability demands for sample analysis projections and to support TPA requirements and/or DOE Order compliance and regulations.

Supporting Documents(Limit 5 lines or less):

TPA Milestone M-44-00: Waste Tank Characterization
TPA Milestone M-18 : Waste Receiving and Repackaging (WRAP I) TPA
Milestone M-19 : WRAP Module II
TPA Milestone M-33 : Solid Waste and Materials Analysis
Clean Air Act, Clean Water Act, 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 were submitted under separate cover.

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DESCRIPTION OF REGULATORY DRIVERS

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DESCRIPTION OF REGULATORY DEVICE

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Operations Office: RL ID No.: 7250- 0 Revision Date: 4/23/1994
 ADS Title: PLANS & BUDGETS - INTEGRATION PLANNING
 WBS No.: 1.3.7.1.2 Category: WM Appr.:
 Project Title: PLANS & BUDGET INTEGRATI Facility/WAG: Multiple
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: N/A TPC: 0 TEC: 0
 Contig: 0
 CNTR Manager: JORDAN, KR Phone: 509-376-9578
 O.O. Manager: KEATING, JJ Phone: 509-376-7387
 H.Q. Manager: KEENAN, J Phone: 301-903-7121
 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: N
 DOE: N IAG: N OSHA: N ORD: N ST : N TRI : N FED : N 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 CATEGORY			IMM RISK
					TARGET	PLAN		
OE	6,340	8,887		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	6,340	8,887		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	6,588	8,251	14,138	0
				TOTAL	6,588	8,251	14,138	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	6,588
CE	0
GPP	0
LI	0
TOTAL	6,588

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	8,251	9,717	13,020	9,991	10,141
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	8,251	9,717	13,020	9,991	10,141

FTEs	FY94	FY95			
Direct	0	66			
Indirect	0	48			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	60	69	70	64	58
Indirect	44	51	52	47	43
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	14,138	12,214	11,451	9,991	10,141
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	14,138	12,214	11,451	9,991	10,141

FTEs	FY94	FY95			
Direct	0	90			
Indirect	0	66			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	87	79	75	82	78
Indirect	65	59	56	61	58
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: PROGRAM CONTROL/SUPPORT						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: INTEGRATED RISK ASSESSMENT									
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
EW3110010	0	2,479			E	0	0	0	0
35EW31101	0	0			F	0	0	0	0
39EW31101	0	0			G	0	0	0	0
39EW31101	0	0			H	0	0	0	0
					I	844	2,211	5,918	0
TOTAL	0	2,479			TOTAL	844	2,211	5,918	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110010	844
35EW31101	0
39EW31101	0
39EW31101	0
TOTAL	844

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	2,211	5,330	9,416	4,863	2,884
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	2,211	5,330	9,416	4,863	2,884

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	5,918	6,181	5,743	2,875	2,884
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	5,918	6,181	5,743	2,875	2,884

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Budget Detail Profile

DESC: PROGRAM CONTROL/SUPPORT				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AB				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: BASELINE CONTROL							
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
EW3110010	201	174	E	0	0	0	0
35EW31101	0	0	F	0	0	0	0
39EW31101	0	0	G	0	0	0	0
39EW31101	0	0	H	0	0	0	0
			I	178	178	178	0
TOTAL	201	174	TOTAL	178	178	178	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110010	178
35EW31101	0
39EW31101	0
39EW31101	0
TOTAL	178

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	178	182	186	190	194
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	178	182	186	190	194

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	178	182	186	190	195
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	178	182	186	190	195

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DESC: PROGRAM CONTROL/SUPPORT						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AC						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: BASELINE INTEGRATION MGMT SUPPOR									
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
EW3110010	271	288			E	0	0	0	0
35EW31101	0	0			F	0	0	0	0
39EW31101	0	0			G	0	0	0	0
39EW31101	0	0			H	0	0	0	0
					I	294	294	294	0
TOTAL	271	288			TOTAL	294	294	294	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110010	294
35EW31101	0
39EW31101	0
39EW31101	0
TOTAL	294

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	294	301	307	314	321
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	294	301	307	314	321

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	294	301	307	314	321
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	294	301	307	314	321

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Budget Detail Profile

DESC: PROGRAM CONTROL/SUPPORT						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AD						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PERFORMANCE REPORTING									
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
EW3110010	791	614			E	0	0	0	0
35EW31101	0	0			F	0	0	0	0
39EW31101	0	0			G	0	0	0	0
39EW31101	0	0			H	0	0	0	0
					I	617	617	617	0
TOTAL	791	614			TOTAL	617	617	617	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110010	617
35EW31101	0
39EW31101	0
39EW31101	0
TOTAL	617

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	617	644	647	663	679
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	617	644	647	663	679

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	617	644	647	663	679
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	617	644	647	663	679

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Budget Detail Profile

DESC: PROGRAM CONTROL/SUPPORT						FY96 DRIVER CATEGORY									
SUB-DESC: PROGRAM: EM SUBACT: AE						DECREMENT	TARGET	PLAN	IMM RISK						
TITLE: HANFORD MISSION PLANNING															
APPROP: D															
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D	E	F	G	H	I
EW3110010	1,685		1,415				0	0	0	0	0	0	0	0	0
35EW31101	0		0				0	0	0	0	0	0	0	0	0
39EW31101	0		0				0	0	0	0	0	0	0	0	0
39EW31101	0		0				0	0	0	0	0	0	0	0	0
TOTAL	1,685		1,415				1,052	1,457	3,637	0	0	0	0	0	0
						TOTAL	1,052	1,457	3,637	0	0	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110010	1,052
35EW31101	0
39EW31101	0
39EW31101	0
TOTAL	1,052

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	1,457	1,501	1,546	1,592	3,630
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	1,457	1,501	1,546	1,592	3,630

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	3,637	3,521	3,568	3,580	3,630
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	3,637	3,521	3,568	3,580	3,630

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Budget Detail Profile

DESC: PROGRAM CONTROL/SUPPORT						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AG						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: SYSTEMS ENGINEERING									
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
EW3110010	564	1,340			E	0	0	0	0
35EW31101	0	0			F	0	0	0	0
39EW31101	0	0			G	0	0	0	0
39EW31101	0	0			H	0	0	0	0
					I	1,040	1,040	1,040	0
TOTAL	564	1,340			TOTAL	1,040	1,040	1,040	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110010	1,040
35EW31101	0
39EW31101	0
39EW31101	0
TOTAL	1,040

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	1,040	0	0	0	0
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	1,040	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	1,040	0	0	0	0
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	1,040	0	0	0	0

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DESC: PROGRAM CONTROL/SUPPORT						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AI						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: MULTI-YEAR PROGRAM PLAN									
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
EW3110010	1,512	1,515			E	0	0	0	0
35EW31101	0	0			F	0	0	0	0
39EW31101	0	0			G	0	0	0	0
39EW31101	0	0			H	0	0	0	0
					I	1,629	1,629	1,629	0
TOTAL	1,512	1,515			TOTAL	1,629	1,629	1,629	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110010	1,629
35EW31101	0
39EW31101	0
39EW31101	0
TOTAL	1,629

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	1,629	1,676	1,724	1,776	1,829
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	1,629	1,676	1,724	1,776	1,829

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	1,629	1,676	1,724	1,776	1,829
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	1,629	1,676	1,724	1,776	1,829

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DESC: PROGRAM CONTROL/SUPPORT						FY96 DRIVER		CATEGORY	
SUB-DESC: PROGRAM: EM SUBACT: AJ						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: FIVE-YEAR PLAN									
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
EW3110010	1,316	1,449			E	0	0	0	0
35EW31101	0	0			F	0	0	0	0
39EW31101	0	0			G	0	0	0	0
39EW31101	0	0			H	0	0	0	0
					I	1,234	1,234	1,234	0
TOTAL	1,316	1,449			TOTAL	1,234	1,234	1,234	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110010	1,234
35EW31101	0
39EW31101	0
39EW31101	0
TOTAL	1,234

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	1,234	1,141	1,166	1,192	1,218
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	1,234	1,141	1,166	1,192	1,218

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	1,234	1,141	1,166	1,192	1,217
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	1,234	1,141	1,166	1,192	1,217

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DESC: PROGRAM CONTROL/SUPPORT						FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AK						DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: RISK MANAGEMENT - PNL										
APPROP: D										
						A	B	C	D	
						E	F	G	H	
						I				
B&R	FY94	APPR	FY95	PRES	FY95	APPR				
EW3110010	0		360				0	0	0	0
35EW31101	0		0				0	0	0	0
39EW31101	0		0				0	0	0	0
39EW31101	0		0				0	0	0	0
TOTAL	0		360				320	320	320	0
						TOTAL	320	320	320	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110010	320
35EW31101	0
39EW31101	0
39EW31101	0
TOTAL	320

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	320	400	400	400	400
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	320	400	400	400	400

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	320	400	400	400	400
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	320	400	400	400	400

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DESC: PROGRAM CONTROL/SUPPORT						FY96 DRIVER CATEGORY										
SUB-DESC: PROGRAM: EM SUBACT: AL						DECREMENT	TARGET	PLAN	IMM RISK							
TITLE: PRODUCTIVITY COMMITMENT																
APPROP: D																
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D	E	F	G	H	I	TOTAL
EW3110010	0		-747				0	0	0	0	0	0	0	0	0	0
35EW31101	0		0				0	0	0	0	0	0	0	0	0	0
39EW31101	0		0				0	0	0	0	0	0	0	0	0	0
39EW31101	0		0				0	0	0	0	0	0	0	0	0	0
TOTAL	0		-747				-620	-729	-729	-729	0	0	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110010	-620
35EW31101	0
39EW31101	0
39EW31101	0
TOTAL	-620

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	-729	-1,458	-2,372	-999	-1,014
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	-729	-1,458	-2,372	-999	-1,014

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	-729	-1,832	-2,290	-999	-1,014
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	-729	-1,832	-2,290	-999	-1,014

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A106 Cross References

A106 Number: NONE

Date:

Title: THIS ADS DOES NOT SUPPORT ANY A-106 PROJECTS

Federal Facility Identification:

Region:

Assessment:

Status:

Progress:

Tiger Team Cross References

Tiger Team Finding Number:

Date:

Title:

FY95-99 ADS Cross References

ADS #: RL 7250 0

Title: PLANS AND BUDGETS - INTEGRATION PLANNING

Transferred in its entirety: Y

Explanation of Change:

No Change

MILESTONES

Milestone No.: Milestone Seq: 7250-00-0135 TPA MS NO.: NONE
Title: FY 1996 5YP ADS SUBMITTAL
Planning Date Target Date Decrement Date Level: HQ Keyword: O
4/28/1994 4/28/1994 PTS: N SMS: N
Driver Name: DOE Driver Reference: DEF. AUTH. ACT 105 STAT 1290
PRESENT IN Tiger Team: N Program Execution Guidance:
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: Milestone Seq: 7250-00-0210 TPA MS NO.: NONE
Title: DOE-RL APPROVAL OF MYPP/FYWP 1995
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1994 9/30/1994 PTS: N SMS: N
Driver Name: DOE Driver Reference: DEF AUTH ACT 105 STAT 1290
PRESENT IN Tiger Team: N Program Execution Guidance:
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 7250-00-0030 TPA MS NO.: NONE
Title: Hanford Mission Plan "Site Guidance" update
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/31/1995 3/31/1995 PTS: N SMS: N
Driver Name: DOE Driver Reference: SEN-25A-91
PRESENT IN Tiger Team: Y Program Execution Guidance:
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Annual update of "Site Guidance."

Milestone No.: Milestone Seq: 7250-00-0195 TPA MS NO.: NONE
Title: FY97 5YP ADS SUBMITTAL
Planning Date Target Date Decrement Date Level: HQ Keyword: O
4/28/1995 4/28/1995 PTS: N SMS: N
Driver Name: DOE Driver Reference: DEF AUTH ACT 105 STAT 1290
PRESENT IN Tiger Team: N Program Execution Guidance:
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: Milestone Seq: 7250-00-0220 TPA MS NO.: NONE
Title: DOE-RL APPROVAL OF MYPP/FYWP 1996
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1995 9/30/1995 PTS: N SMS: N
Driver Name: DOE Driver Reference: DEF AUTH ACT 105 STAT 1290
PRESENT IN Tiger Team: N Program Execution Guidance:
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: Milestone Seq: 7250-00-0045 TPA MS NO.: NONE
Title: Hanford Mission Plan "Site Guidance" update
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/31/1996 3/31/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: SEN-25A-91
PRESENT IN Tiger Team: Y Program Execution Guidance:
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Annual update of "Site Guidance."

MILESTONES Continued

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Milestone No.: NA Milestone Seq: 7250-00-0005 TPA MS NO.: NONE
Title: FY98 5YP ADS SUBMITTAL
Planning Date Target Date Decrement Date Level: HQ Keyword: O
4/28/1996 4/28/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: DEF AUTH ACT 105 STAT 1290
PRESENT IN Tiger Team: N Program Execution Guidance:
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: Milestone Seq: 7250-00-0230 TPA MS NO.: NONE
Title: DOE-RL APPROVAL OF MYPP/FYWP 1997
Planning Date Target Date Decrement Date Level: Keyword: O
9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: Driver Reference:
PRESENT IN Tiger Team: N Program Execution Guidance:
Roadmap: N Current Year Workplan: Safety and Health: N
Description:

Milestone No.: Milestone Seq: 7250-00-0060 TPA MS NO.: NONE
Title: Hanford Mission Plan "Site Guidance" update
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/31/1997 3/31/1997 PTS: N SMS: N
Driver Name: DOE Driver Reference: SEN-25A-91
PRESENT IN Tiger Team: Y Program Execution Guidance:
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Annual update of "Site Guidance."

Milestone No.: NA Milestone Seq: 7250-00-0010 TPA MS NO.: NONE
Title: FY99 5YP ADS SUBMITTAL
Planning Date Target Date Decrement Date Level: HQ Keyword: O
4/28/1997 4/28/1997 PTS: N SMS: N
Driver Name: DOE Driver Reference: DEF AUTH ACT 105 STAT 1290
PRESENT IN Tiger Team: N Program Execution Guidance:
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

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Milestone No.: Milestone Seq: 7250-00-0240 TPA MS NO.: NONE
Title: DOE-RL APPROVAL OF MYPP/FYWP 1998
Planning Date Target Date Decrement Date Level: Keyword: O
9/30/1997 9/30/1997 PTS: N SMS: N
Driver Name: Driver Reference:
PRESENT IN Tiger Team: N Program Execution Guidance:
Roadmap: N Current Year Workplan: Safety and Health: N
Description:

Milestone No.: Milestone Seq: 7250-00-0075 TPA MS NO.: NONE
Title: Hanford Mission Plan "Site Guidance" update
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/31/1998 3/31/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: SEN-25A-91
PRESENT IN Tiger Team: Y Program Execution Guidance:
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Annual update of "Site Guidance."

Milestone No.: NA Milestone Seq: 7250-00-0020 TPA MS NO.: NONE
Title: FY 2000 5YP ADS SUBMITTAL
Planning Date Target Date Decrement Date Level: HQ Keyword: O
4/28/1998 4/28/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: DEF AUTH ACT 105 STAT 1290
PRESENT IN Tiger Team: N Program Execution Guidance:
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: Milestone Seq: 7250-00-0250 TPA MS NO.: NONE
Title: DOE-RL APPROVAL OF MYPP/FYWP 1999
Planning Date Target Date Decrement Date Level: Keyword: O
9/30/1998 9/30/1998 PTS: N SMS: N
Driver Name: Driver Reference:
PRESENT IN Tiger Team: N Program Execution Guidance:
Roadmap: N Current Year Workplan: Safety and Health: N
Description:

MILESTONES Continued

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Milestone No.: Milestone Seq: 7250-00-0090 TPA MS NO.: NONE
Title: Hanford Mission Plan "Site Guidance" update
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/31/1999 3/31/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: SEN-25A-91
PRESENT IN Tiger Team: Y Program Execution Guidance:
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Annual update of "Site Guidance."

Milestone No.: Milestone Seq: 7250-00-0255 TPA MS NO.: NONE
Title: DOE-RL APPROVAL OF MYPP/FYWP 2000
Planning Date Target Date Decrement Date Level: Keyword: O
9/30/1999 9/30/1999 PTS: N SMS: N
Driver Name: Driver Reference:
PRESENT IN Tiger Team: N Program Execution Guidance:
Roadmap: N Current Year Workplan: Safety and Health: N
Description:

Milestone No.: Milestone Seq: 7250-00-0015 TPA MS NO.: NONE
Title: Hanford Mission Plan "Site Guidance" update
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/31/2000 3/31/2000 PTS: N SMS: N
Driver Name: DOE Driver Reference: SEN-25A-91
PRESENT IN Tiger Team: Y Program Execution Guidance:
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Annual update of "Site Guidance."

NARRATIVE

LAST UPDATE: 04-25-1994 TIME: 10:58:22

Technical Scope Summary(Limit 15 line or less):

The Planning Integration ADS includes the following subactivities:
Integrated Risk Assessment; Baseline Control; Baseline Integration Mgmt.
Support; Performance Reporting; Multi-Year Program Planning; Hanford
Mission Planning; Risk Management; Systems Engineering; Five-Year Plan. In
summary, the activities associated with this ADS are as follows: provide
coordination and integration of Hanford mission and baseline planning

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activities; provide planning and execution guidance to the programs and project teams; conduct public participation activities as required by paragraphs 138 and 139 of TPA and Keystone Report. Additionally, the objective of these activities are to ensure consistent development and integration of the multiple Hanford planning documents in the following areas: Site Mission Planning-Hanford Mission Plan; Multi-Year Program Plan; Five-Year Plan coordination; and EM Budget Integration -- coordinate annual budget submittal for Hanford baseline planning and allocation of resources of resources through a site wide prioritization system.

Technical Scope Detail(Limit 104 lines or less):

Integrated Risk Assessment Program (IRAP)---IRAP develops and implements methodology for conducting Hanford Site-wide risk assessments and also for estimating the associated uncertainties. These methods are applied to estimate health and safety risks to the public, workers, and ecosystem. Risks are produced by IRAP in a consistent manner across Hanford Site programs using existing data and results, when feasible, and developing new data and results, when necessary. The objective is to understand from a Site-wide perspective if and when cleanup is needed and to what extent. Specifically, risk results support Hanford Site-wide planning and management to accomplish the following: 1) set priorities across programs, 2) focus on reducing risk and managing high-risk activities, 3) determine technology needs in support of cleanup. Risk results are used to: 1) to defend planned work to Congress and DOE headquarters, 2) develop an integrated cleanup management plan working with the public and other stakeholders, 3) communicate with the scientific community about knowledge gaps for cleanup planning and 4) communicate with regulators about the cleanup plan for Hanford, factors that drive cleanup, and regulatory reforms needed for more efficient and effective cleanup.

-The Baseline Control subactivity includes the development and submittal of the Planning Integration Multi-Year Program Plan (MYPP) and Fiscal Year Work Plan (FYWP). It also includes coordinating development of the monthly Site Management System (SMS) and Progress Tracking System (PTS) reporting associated with the Planning Integration Program.

-Program Baseline Integration (PBI) Mgmt. Support responsibilities are associated with oversight of the Multi-Year Plan and the Five-Year Plan activities. Provide direction and integration of program baseline development for the Hanford site including of site-wide budget data, program baseline plans and integrated logics/schedules. PBI is also responsible for direction and coordination of the Program Integration Team, a team composed of program managers across the site responsible for the integration and prioritization of work scope and allocation of associated budget resources.

-The Performance Reporting/Progress Tracking System (PTS) activity involves integration and implementation of the DOE-HQ mandated PTS reporting requirement. PTS serves as the primary DOE-HQ EM management tool which provides a consistent EM-wide reporting format and database for responding to internal and external requests for program information. This is an ongoing activity required to meet monthly reporting submittals to DOE-HQ.

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-The Multi-Year Program Plan subactivity deals with the direction, training, analysis, coordination and assessment of the following programs/documents:

- 1) The Multi-Year Program Plan (MYPP) and Fiscal Year Work Plan (FYWP) for direct funded programs, (consolidated in FY 1994 and document the Hanford programmatic baseline.
- 2) Site Integrated Schedule is a vital tool in determining site-critical path via analysis of inter-program logical relationships in the MYPP program master baseline schedules.
- 3) Technical assessment and analysis of the ADS MYPPs/FYWPs and work performance. Baseline technical review task elements provide an independent review and technical validation of work scope, schedule, as

-Hanford Mission Planning provides the planning framework that guides and analyzes the program baselines. It is the site wide program guidance, integration, and baseline document. It is driven by the Hanford Strategic Plan and is based on systems engineering derived analysis. The Hanford Site is using this effort to achieve cross program integration. Hanford Mission Planning focuses planning resources toward the development of the planning basis for achieving the cleanup of the Hanford Site. This planning basis integrates the objectives, needs and requirements of the various program efforts. Hanford Mission Planning will document site guidance (site level assumptions, program mission statements, interface definitions and strategic issues) based on systems engineering analysis, agreements, existing records of decisions, and the Hanford Strategic Plan. There are three major activities within Hanford Mission Planning: (1) Hanford Strategic Analysis: this is a disciplined systems analysis of the integrated process (chemical processes) material balance options available to achieve Site cleanup. (2) Regulatory Analysis: support systems engineering development of requirements and application against the functions and products. The requirements and existing decisions in the 'Hanford Mission Plan, Site Guidance' will be maintained as new agreements, directives and records of decision are issued. (3) Site Guidance: compile the guidance necessary to allocate the systems engineering product tree to the programs and to direct the preparation of the Multi-Year Program Plans.

-Risk Management for FY95 and beyond will support Systems Engineering directly and will be partially managed and funded under that program. Specifically, the risk management task will develop the procedures for risk characterization, assist in the identification of alternatives, risk-based decision making, and assessment of the effectiveness of risk management techniques. The risk management task will help provide the analytical support needed to analyze alternative technical solutions and select a preferred alternative. This application of risk-based decision methods will require the identification of inputs to the decision process, including risk data requirements, applicable stakeholder values, regulatory drivers, and programmatic risks. The risk management task will ensure that appropriate decision support methods are available at Site and program levels. Risks and associated mitigation strategies will be documented in systems engineering plans and updated periodically.

-Systems Engineering will be utilized to refine site and program missions,

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functions, and requirements, technical baselines, organization and execution. Scope includes the development of system engineering tools to be used by site level and project level system engineers. The site level system engineers will work with the program level system engineers to facilitate the process, identify interfaces, and assist integration. The site level system engineers will assist program systems engineers interface and coordinate with the system engineering organization in the Engineering Applications Division. The site level system engineers will interface with the Hanford Mission Planning team to enhance program integration and strengthen the long-term technical basis and decision making processes. -The focus of the Five-Year Plan subactivity is the development of program guidance and coordination of the annual Five-Year Plan submittal of the ADSs. Coupled with this is the development and maintenance of EPDS, the local database used for managing and reporting the data collected within these documents and RPM, the database utilized for documenting and pricing the cost estimates within the ADSs.

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

The FY 1995-1999 ADSs and TDDs were submitted on May 12, 1993. In December 1993, an extensive site-wide budget/ADS (for FY 1994) integration exercise was completed. Completed integrated resolution of 152.2M FY 1994 key unfunded activities. A FY 1994 EM reprogramming package was completed and submitted to RL for subsequent presentation to DOE-HQ in mid-January, 1994. Proactively initiated guidance for FY 1996-2000 ADS development cycle to the Hanford site programs contractors and held two kickoff meeting with DOE-RL and contractors to begin ADS development activity leading to an April 1994 submittal. The Hanford Site Focus was submitted early to DOE-RL in March 1994. In September 1991 the draft Hanford Mission Plan was prepared. In June 1992 the draft was extensively revised; improved description of Site Management System role, prioritized list of problems, list of Science and Technology needs, results from application of system engineering to base case and revised WBS. In August 1993 the first edition of the Hanford Mission Plan 'Site Guidance' was released. The Site Guidance was revised in FY 1994 to incorporate the TPA negotiations, revisions to the Hanford Strategic Plan, and applicable initial systems engineering results. Development of a networked application for the DOE-HQ PTS has been accomplished. Systems Engineering workshops were conducted in April and May 1993 to initiate a site wide process, contractor site level problem definitions, mission state, functional trees, requirements, product structure, work breakdown structure, and organization structure were reviewed and analyzed by senior management. An implementation plan was outlined. Individual programs (TWRS, Env. Restoration, Facility Operations) have initiated program level systems engineering activities. Phase I of the Multi-Year Program Plans and an integrated site schedule and logic were submitted to DOE-RL in July, 1993. Reviews of the following documents for compliance with guidance have been completed: FY 1995-1999 Activity Data Sheets; FY 1994 MYPPs Phase I; FY 1994 MYPPs Phase II. Developed procedure for Activity Based Cost Estimating. During FY92 and FY93, limited risk assessment activities were supported by the Hanford

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Integration Planning Project. Two reports were published which provide a survey of tools (data, models, and information systems) available to support risk assessments (some specific to Hanford and some more general), and an approach developed for assessing worker risks from remediation actions. The Risk Management task began in June 1993, when funding to support the task was provided by DOE-RL as part of mission planning. A task plan was prepared that summer and briefed to strategic planners at WHC and the Manager of Planning and Integration. In FY93 the task team completed the following: Identified the requirements for risk-based decision making at Hanford; Developed a risk management process based upon an EM-60 model and proposed the establishment of a Hanford Risk Management Advisory Group to apply that process in support of the Hanford Strategic Quality Planning Council and other; Identified potential risk-related applications and prioritized those applications for near-, mid- and long-term efforts; Prepared a draft public involvement plan for risk management and risk assessment.

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

- Complete the public health baseline that was started in FY94.
- Integrated Risk Assessment Program to carry out tasks including the following: tool enhancement and stakeholder involvement to assure that all affected parties accept the approach and results being produced; liaison with other Site risk activities to provide increased Hanford Site coordination of risk activities; and interaction with the technical oversight advisory board.
- Direction and integration of program baseline development for the Hanford Site.
- Coordination of site-wide development of the Environmental and Waste Management (EM) budget data, program baseline plans and integrated logics/schedules.
- Development and implementation of company-wide systems for program integration and resource allocation.
- Support to the development and implementation of systems for prioritization of work scope.
- Provide definition and coordination support of the RL public participation process for stakeholder review and input on the EM budget and planning activities.
- DOE-HQ PTS upgrade 5.0 is scheduled to be completed.
- The Hanford Mission Plan 'Site Guidance' will allocate the products to the programs to implement the systems engineering link to the program baselines. Priority criteria will be developed for ordering products.
- Work with Hanford Mission Plan with allocation of the products to the programs, establish WBS/PBS/OBS Crosswalks and integrate program systems engineering activities.
- Completion (and April 28, 1994 HQ submittal) of the FY 1996 - 2000 ADSs in support of the budget planning process for the FY 1996 budget request.
- Support to DOE-HQ ADS review as well as other external and internal ADS and business system reviews.
- Risk Management will directly support strategic planners and managers for

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the management of risk, implementation of the Risk Management System, completion of the DOE-RL risk management procedures, implementation of resource allocation procedures based on risk and risk reduction data, linkage to the Integrated Risk Assessment Program and identification of risk requirements, construction (in conjunction with IRAP) of a Site-wide picture of risk assessment activities, and solidification of public values, concerns, and priorities for guidance to programs.

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

See budget year description for ongoing activities with the exception of the following:

- PTS enhancements scheduled for FY 1996 which will allow access to PTS system and on screen reports for DOE-RL.
- Systems Engineering site baseline product specification will document the decisions made and serves as the technical baseline for the site. It will draw from analysis prepared by the Hanford Mission Plan and by program system engineering activities. It will also be utilized in the FY 1996 Multi-Year Program Plans and will be released in conjunction with the Hanford Mission Plan Site guidance. The document will be maintained and address architecture decisions and uncertainties pending RCRA/CERCLA NEPA actions. -In FY96, the worker health and safety baseline will be conducted. This is a substantial effort, and the worker health and safety baseline is the standard for evaluation of worker risk impacts from cleanup and also for estimating net risk reduction from Hanford cleanup. Adding the worker health and safety baseline to the public health baseline will allow understanding of 1) existing worker risks, 2) tradeoffs between long-term public health baseline risks and shorter-term workers risks in the absence of cleanup, and 3) sources of worker risk at Hanford that are most important and need to be monitored.

If the 15% decrement (worst case) budget occurs in FY96, IRAP will be reduced 62%; consequently, the worker health and safety baseline will not be completed in FY96 and all subsequent tasks will be delayed.

IRAP will also carry out tasks including tool enhancement, stakeholder involvement to assure that all affected parties accept the approach and results being produced, liaison with other Site risk activities to provide increased Hanford Site coordination of risk activities, and interaction with the technical oversight advisory board.

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

See budget year description for ongoing activities with the following exception:

- The site technical baseline for Systems Engineering will be updated as needed and issued in conjunction with the update of the Hanford Mission Plan Guidance.
- In FY97, three risk assessments will be completed: 1) the ecological risk baseline; 2) the endstate public health risk assessment assuming

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achievement of activities specified in the Tri-Party Agreement in force at that time; and 3) the worker health and safety risk assessment during cleanup. The latter is a substantial effort, and will require update with high frequency until cleanup technology to be employed is well defined on a broad scale.

Ecological risk results will complete the baseline risk picture. Combined with baseline public and worker results, this will allow development of a comprehensive risk management plan for Hanford cleanup. Combined baseline risk results will allow an understanding of how the three baseline risk components (worker, public, ecosystem) interrelate, and what further information is needed (perhaps at a more detailed level) to assure that cleanup activities will achieve the most cost-effective and efficient approach to risk reduction.

The Tri-Party Agreement endstate public health risk assessment will provide risks results to understand 1) residual risks from required actions, and 2) adequacy of technology to reduce risks from baseline public health risks to the Tri-Party Agreement endstate. Combined with baseline public health risks, this information will allow an understanding of longer-term technology needs, both what is required and when, and also of the adequacy of the Tri-Party Agreement in driving cleanup to a final safe and clean endstate.

Assessment of worker risks during cleanup will allow an understanding of worker protection and safety procedures and practices, and of changes required in risk management practices to accommodate more intensive cleanup activities. Results also allow identification of cleanup technologies that have high risks.

In FY98, ecological and worker risks will be assessed that will exist at the end of cleanup were the cleanup to achieve Tri-Party Agreement milestones in effect at that time. Public health risks during cleanup will also be estimated.

In FY99, the baselines for public health and for worker health and safety will be updated. Ecological risks during cleanup will be estimated.

In FY00, the baseline ecological risk assessment will be updated. The public health risks from the cleanup achieved by the Tri-Party Agreement will also be updated.

In each of these years, IRAP will also carry out tasks including tool enhancement, stakeholder involvement to assure that all affected parties accept the approach and results being produced, liaison with other Site risk activities to provide increased Hanford Site coordination of risk activities, and interaction with the technical advisory board.

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Impacts/Assumptions(Limit 42 lines or less):

-The Progress Tracking System is being used as the primary reporting tool for DOE-HQ EM. It is assumed that PTS will continue as the primary reporting tool. Also assumed is that the data will be reported by ADS and total project (4700.1) reporting will remain a requirement.

-The following assumptions apply to the Systems Engineering subactivity:

-policies, procedures and training will be developed using overhead G&A funding

-Programs will develop, support, and initiate program level system engineering activities within their respective activity data sheets. --

-This will fit within the site Systems Engineering hierarchy.

-Systems engineering will support the long range planning process.

-The Five-Year Plan subactivity is based on the following assumptions: EPDS will continue, as currently structured, as the site's principal medium for developing ADSs; RPM remains the system of preference for capturing and pricing financial data related to ADSs; only one HQ ADS submittal will be required; SMS and Change Control data bases will be developed and incorporated within EPDS; development of TDDs will continue to be a site requirement.

Supporting Documents(Limit 5 lines or less):

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

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Operations Office: RL ID No.: 7330- 0 Revision Date: 4/22/1994
 ADS Title: ENVIRONMENTAL SUPPORT - PLANNING & TPA MGMT
 WBS No.: 1.3.7.6.5 Category: WM Appr.:
 Project Title: ENVIRONMENTAL SUPPORT, P Facility/WAG:
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: N/A TPC: 0 TEC: 0
 Contig: 0
 CNTR Manager: LONDON, RJ Phone: 509-376-6992
 O.O. Manager: HOLT, RG Phone: 509-376-6340
 H.Q. Manager: CHOU, GP Phone: 301-903-7159
 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: RCRA: Y 3004U: TSCA: Y CERCLA: NEPA: Y
 DOE: Y IAG: OSHA: ORD: 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	10,222	7,612		A	963	1,515	1,515	0
CE	0	170		B	0	0	0	0
GPP	0	0		C	4,380	5,043	7,214	0
LI	0	0		D	986	986	986	0
				E	0	0	0	0
TOTAL	10,222	7,782		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	6,328	7,544	9,715	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	6,328
CE	0
GPP	0
LI	0
TOTAL	6,328

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	7,544	8,717	8,657	8,760	9,274
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	7,544	8,717	8,657	8,760	9,274

FTEs	FY94	FY95			
Direct	70	65			
Indirect	52	48			
Federal	0	0			

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	62	63	63	63	63
Indirect	46	47	47	47	47
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	9,453	9,424	9,328	9,026	9,445
CE	262	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	9,715	9,424	9,328	9,026	9,445

FTEs	FY94	FY95			
Direct	70	65			
Indirect	52	48			
Federal	0	0			

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	66	66	66	65	64
Indirect	49	49	49	48	48
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: PROGRAM CONTROL/SUPPORT						FY96 DRIVER CATEGORY						
SUB-DESC: PROGRAM: EM SUBACT: HA						DECREMENT	TARGET	PLAN	IMM RISK			
TITLE: PROGRAM ADMINISTRATION												
APPROP: D												
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	B	C	D	E	F	G	H	I
EW3110010	476	447		0	0	0	0	0	0	0	0	0
35EW31101	0	0		0	0	0	0	0	0	0	0	0
39EW31101	0	0		460	0	460	0	0	0	0	0	0
39EW31101	0	0		0	0	0	0	0	0	0	0	0
TOTAL	476	447		460	0	460	0	0	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110010	460
35EW31101	0
39EW31101	0
39EW31101	0
TOTAL	460

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	460	474	488	502	517
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	460	474	488	502	517

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	460	474	488	502	517
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	460	474	488	502	517

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DESC: PROGRAM CONTROL/SUPPORT				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: HB				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: NEPA/NRDA COORDINATION							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	0	0	0
				B	0	0	0
				C	0	232	648
				D	0	0	0
EW3110010	412	226		E	0	0	0
35EW31101	0	0		F	0	0	0
39EW31101	0	0		G	0	0	0
39EW31101	0	0		H	0	0	0
				I	0	0	0
TOTAL	412	226		TOTAL	0	232	648

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110010	0
35EW31101	0
39EW31101	0
39EW31101	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	232	239	247	254	262
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	232	239	247	254	262

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	648	890	917	520	432
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	648	890	917	520	432

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DESC: PROGRAM CONTROL/SUPPORT						FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: HC						DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: REGULATORY FIELD 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	986	986	986		0
EW3110010	1,064	958			E	0	0	0		0
35EW31101	0	39			F	0	0	0		0
39EW31101	0	0			G	0	0	0		0
39EW31101	0	0			H	0	0	0		0
					I	0	0	0		0
TOTAL	1,064	997			TOTAL	986	986	986		0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110010	986
35EW31101	0
39EW31101	0
39EW31101	0
TOTAL	986

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	986	1,016	1,046	1,077	1,110
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	986	1,016	1,046	1,077	1,110

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	986	1,016	1,046	1,077	1,110
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	986	1,016	1,046	1,077	1,110

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DESC: PROGRAM CONTROL/SUPPORT				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: HD				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: AIR & WATER PERMITTING COORDINAT							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	865	865	865
			D	0	0	0	0
EW3110010	1,931	1,016	E	0	0	0	0
35EW31101	0	0	F	0	0	0	0
39EW31101	0	0	G	0	0	0	0
39EW31101	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	1,931	1,016		TOTAL	865	865	865

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110010	865
35EW31101	0
39EW31101	0
39EW31101	0
TOTAL	865

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	865	891	918	945	973
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	865	891	918	945	973

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	865	891	918	945	973
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	865	891	918	945	973

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DESC: PROGRAM CONTROL/SUPPORT						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: HE						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: ENVIRONMENTAL REPORTING									
APPROP: D									
					A	149	149	149	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	1,533	1,533	1,533	0
					D	0	0	0	0
EW3110010	1,871	1,722			E	0	0	0	0
35EW31101	0	131			F	0	0	0	0
39EW31101	0	0			G	0	0	0	0
39EW31101	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	1,871	1,853			TOTAL	1,682	1,682	1,682	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110010	1,682
35EW31101	0
39EW31101	0
39EW31101	0
TOTAL	1,682

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	1,682	1,733	1,785	1,838	1,894
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	1,682	1,733	1,785	1,838	1,894

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	1,682	1,733	1,785	1,838	1,894
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	1,682	1,733	1,785	1,838	1,894

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DESC: PROGRAM CONTROL/SUPPORT				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: HF				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: TRI-PARTY AGREEMENT INTEGRATION							
APPROP: D							
			A	814	1,366	1,366	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3110010	786	1,327	E	0	0	0	0
35EW31101	0	0	F	0	0	0	0
39EW31101	0	0	G	0	0	0	0
39EW31101	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	786	1,327		814	1,366	1,366	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110010	814
35EW31101	0
39EW31101	0
39EW31101	0
TOTAL	814

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	1,366	1,407	1,449	1,492	1,537
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	1,366	1,407	1,449	1,492	1,537

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	1,366	1,407	1,449	1,492	1,537
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	1,366	1,407	1,449	1,492	1,537

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Budget Detail Profile

DESC: PROGRAM CONTROL/SUPPORT						FY96 DRIVER CATEGORY									
SUB-DESC: PROGRAM: EM SUBACT: HG						DECREMENT	TARGET	PLAN	IMM RISK						
TITLE: RCRA COMPLIANCE															
APPROP: D															
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D	E	F	G	H	I
EW3110010	2,966		2,827				0	0	0	0	0	0	0	0	0
35EW31101	0		0				0	0	0	0	0	0	0	0	0
39EW31101	0		0				0	0	0	0	0	0	0	0	0
39EW31101	0		0				0	0	0	0	0	0	0	0	0
TOTAL	2,966		2,827				2,322	2,894	4,649	0	0	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110010	2,322
35EW31101	0
39EW31101	0
39EW31101	0
TOTAL	2,322

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	2,894	4,338	4,645	3,723	3,960
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	2,894	4,338	4,645	3,723	3,960

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	4,387	4,395	4,645	3,723	3,960
35EW31101	262	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	4,649	4,395	4,645	3,723	3,960

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Budget Detail Profile

DESC: PROGRAM CONTROL/SUPPORT						FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: HH						DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: POLLUTION PREVENTION										
APPROP: D						0	0	0	0	
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D
EW3110010	716			0			0	0	0	0
35EW31101	0			0			0	0	0	0
39EW31101	0			0			0	0	0	0
39EW31101	0			0			0	0	0	0
TOTAL	716			0			0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110010	0
35EW31101	0
39EW31101	0
39EW31101	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	0	0	0	0	0
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	0	0	0	0	0
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: PROGRAM CONTROL/SUPPORT						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: ZZ						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PRODUCTIVITY CHALLENGE/PROGRAM A									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	-800	-941	-941	0
					D	0	0	0	0
EW3110010	0	-911			E	0	0	0	0
35EW31101	0	0			F	0	0	0	0
39EW31101	0	0			G	0	0	0	0
39EW31101	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	-911			TOTAL	-800	-941	-941	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110010	-800
35EW31101	0
39EW31101	0
39EW31101	0
TOTAL	-800

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	-941	-1,381	-1,919	-1,072	-979
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	-941	-1,381	-1,919	-1,072	-979

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110010	-941	-1,381	-1,919	-1,072	-979
35EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
39EW31101	0	0	0	0	0
TOTAL	-941	-1,381	-1,919	-1,072	-979

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A106 Cross References

A106 Number: N/A Date:
Title: N/A
Federal Facility Identification: N/A
Region: Assessment:
Status: Progress:

Tiger Team Cross References

Tiger Team Finding Number: Date:
Title: N/A

FY95-99 ADS Cross References

ADS #: RL 7330 0
Title: ENVIRONMENTAL SUPPORT - PLANNING & TPA MANAGEMENT
Transferred in its entirety: N
Explanation of Change:
SUBACTIVITY HH TITLED "POLLUTION PREVENTION" IS DELETED IN FY 1995. WORKSCOPE
TRANSFERS TO ADS 7332-0. DOLLAR VALUE (\$563K).

MILESTONES

Milestone No.: Milestone Seq: 7330-00-0340 TPA MS NO.: N/A
Title: SUBMIT RCRA 3016 REPORT
Planning Date Target Date Decrement Date Level: FO Keyword: O
1/31/1994 1/31/1994 1/31/1994 PTS: N SMS: N
Driver Name: RCRA Driver Reference: RCRA 3016
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
ESH-94-007

Milestone No.: Milestone Seq: 7330-00-0360 TPA MS NO.: N/A
Title: SUBMIT HANFORD SITE ANNUAL PCB DOCUMENT LOG
Planning Date Target Date Decrement Date Level: FO Keyword: O
2/15/1994 2/15/1994 2/15/1994 PTS: N SMS: N
Driver Name: TSCA Driver Reference: 40CFR761.180 & 40CFR761
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
ESH-94-009

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Milestone No.: Milestone Seq: 7330-00-0345 TPA MS NO.: N/A
Title: SUBMIT EPCRA 312 TIER TWO HAZARDOUS CHEMICAL INVENTORY REPORT
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/01/1994 3/01/1994 3/01/1994 PTS: N SMS: N
Driver Name: FED Driver Reference: 40CFR370
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
ESH-94-010

Milestone No.: Milestone Seq: 7330-00-0350 TPA MS NO.: N/A
Title: SUBMIT HANFORD SITE ANNUAL DANGEROUS WASTE REPORT
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/01/1994 3/01/1994 3/01/1994 PTS: N SMS: N
Driver Name: ST Driver Reference: WAC173-303-220 &WAC173-303-390
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
ESH-94-011

Milestone No.: Milestone Seq: 7330-00-0205 TPA MS NO.: N/A
Title: SUBMIT ANNUAL WASTE MINIMIZATION REPORT TO RL
Planning Date Target Date Decrement Date Level: HQ Keyword: O
3/15/1994 3/15/1994 3/15/1994 PTS: N SMS: N
Driver Name: DOE Driver Reference: 5400.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:

Milestone No.: Milestone Seq: 7330-00-0330 TPA MS NO.: N/A
Title: PREPARE SUBMITTAL TO THE NATIONAL IDB
Planning Date Target Date Decrement Date Level: FO Keyword: O
4/15/1994 4/15/1994 4/15/1994 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: Y Safety and Health: N
Description:
ESH-94-012

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Milestone No.: Milestone Seq: 7330-00-0545 TPA MS NO.: M-26-01D
Title: ISSUE ANNUAL LDR STATUS REPORT
Planning Date Target Date Decrement Date Level: FO Keyword: O
4/30/1994 4/30/1994 4/30/1994 PTS: Y SMS: N
Driver Name: TRI Driver Reference: DOE/EPA/WA, CERCLA/RCRA
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
ESH-94-018

Milestone No.: Milestone Seq: 7330-00-0005 TPA MS NO.: N/A
Title: COMPLETE LABORATORY ACTIVITY TOXIC CHEMICAL USE REPORT
Planning Date Target Date Decrement Date Level: HQ Keyword: O
8/01/1994 8/01/1994 8/01/1994 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: 3350, POLLUTION PREVENTION PGR
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
ESH-94-016

Milestone No.: Milestone Seq: 7330-00-0510 TPA MS NO.: N/A
Title: SUBMIT HANFORD SITE ANNUAL PCB DOCUMENT LOG
Planning Date Target Date Decrement Date Level: FO Keyword: O
2/15/1995 2/15/1995 2/15/1995 PTS: N SMS: N
Driver Name: TSCA Driver Reference: 40CFR761.180 & 40CFR761
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
N/A

Milestone No.: Milestone Seq: 7330-00-0495 TPA MS NO.: N/A
Title: SUBMIT EPCRA 312 TIER TWO HAZARDOUS CHEMICAL INVENTORY REPORT
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/01/1995 3/01/1995 3/01/1995 PTS: N SMS: N
Driver Name: FED Driver Reference: 40CFR370
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
ESH-95-005

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Milestone No.: Milestone Seq: 7330-00-0500 TPA MS NO.: N/A
Title: SUBMIT HANFORD SITE ANNUAL DANGEROUS WASTE REPORT
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/01/1995 3/01/1995 3/01/1995 PTS: N SMS: N
Driver Name: ST Driver Reference: WAC173-303-220 &WAC173-303-390
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
ESH-95-006

Milestone No.: Milestone Seq: 7330-00-0480 TPA MS NO.: N/A
Title: PREPARE SUBMITTAL TO THE NATIONAL IDB
Planning Date Target Date Decrement Date Level: FO Keyword: O
4/15/1995 4/15/1995 4/15/1995 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:
ESH-95-007

Milestone No.: Milestone Seq: 7330-00-0665 TPA MS NO.: M-26-01E
Title: ISSUE ANNUAL LDR STATUS REPORT
Planning Date Target Date Decrement Date Level: FO Keyword: O
4/30/1995 4/30/1995 4/30/1995 PTS: Y SMS: N
Driver Name: TRI Driver Reference: DOE/EPA/WA, CERCLA/RCRA
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
ESH-95-013

Milestone No.: Milestone Seq: 7330-00-0010 TPA MS NO.: N/A
Title: COMPLETE LABORATORY ACTIVITY TOXIC CHEMICAL USE REPORT
Planning Date Target Date Decrement Date Level: HQ Keyword: O
8/01/1995 8/01/1995 8/01/1995 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: 3350,POLLUTION PREVENTION PGR
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
ESH-95-011

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Milestone No.: Milestone Seq: 7330-00-0605 TPA MS NO.: N/A
Title: SUBMIT RCRA 3016 REPORT
Planning Date Target Date Decrement Date Level: FO Keyword: O
1/31/1996 1/31/1996 1/31/1996 PTS: N SMS: N
Driver Name: RCRA Driver Reference: RCRA 3016
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
ESH-96-003

Milestone No.: Milestone Seq: 7330-00-0625 TPA MS NO.: N/A
Title: SUBMIT HANFORD SITE ANNUAL PCB DOCUMENT LOG
Planning Date Target Date Decrement Date Level: FO Keyword: O
2/15/1996 2/15/1996 2/15/1996 PTS: N SMS: N
Driver Name: TSCA Driver Reference: 40CFR761.180 & 40CFR761
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
ESH-96-005

Milestone No.: Milestone Seq: 7330-00-0610 TPA MS NO.: N/A
Title: SUBMIT EPCRA 312 TIER TWO HAZARDOUS CHEMICAL INVENTORY REPORT
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/01/1996 3/01/1996 3/01/1996 PTS: N SMS: N
Driver Name: FED Driver Reference: 40CFR370
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
ESH-96-006

Milestone No.: Milestone Seq: 7330-00-0615 TPA MS NO.: N/A
Title: SUBMIT HANFORD SITE ANNUAL DANGEROUS WASTE REPORT
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/01/1996 3/01/1996 3/01/1996 PTS: N SMS: N
Driver Name: ST Driver Reference: WAC173-303-220 & WAC173-303-390
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
ESH-96-007

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Milestone No.: Milestone Seq: 7330-00-0595 TPA MS NO.: N/A
Title: PREPARE SUBMITTAL TO THE NATIONAL IDB
Planning Date Target Date Decrement Date Level: FO Keyword: O
4/15/1996 4/15/1996 4/15/1996 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:
ESH-96-008

Milestone No.: Milestone Seq: 7330-00-0220 TPA MS NO.: M-26-01F
Title: ISSUE ANNUAL LDR STATUS REPORT
Planning Date Target Date Decrement Date Level: FO Keyword: O
4/30/1996 4/30/1996 4/30/1996 PTS: Y SMS: N
Driver Name: TRI Driver Reference: DOE/EPA/WA, CERCLA/RCRA
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
ESH-96-014

Milestone No.: Milestone Seq: 7330-00-0035 TPA MS NO.: M-20-00
Title: SUBMIT PART B PERMIT APPLICATIONS OR CLOSURE PLANS FOR ALL RCRA
Planning Date Target Date Decrement Date Level: FO Keyword: O
5/31/1996 5/31/1996 5/31/1996 PTS: Y SMS: N
Driver Name: TRI Driver Reference: TRI-PARTY AGREEMENT
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: Milestone Seq: 7330-00-0015 TPA MS NO.: N/A
Title: COMPLETE LABORATORY ACTIVITY TOXIC CHEMICAL USE REPORT
Planning Date Target Date Decrement Date Level: HQ Keyword: O
8/01/1996 8/01/1996 8/01/1996 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: 3350, POLLUTION PREVENTION PGR
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
ESH-96-010

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Milestone No.: Milestone Seq: 7330-00-0050 TPA MS NO.: N/A
Title: SUBMIT HANFORD SITE ANNUAL PCB DOCUMENT LOG
Planning Date Target Date Decrement Date Level: FO Keyword: O
2/15/1997 2/15/1997 2/15/1997 PTS: N SMS: N
Driver Name: TSCA Driver Reference: 40CFR761.180 & 40CFR761
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: Milestone Seq: 7330-00-0040 TPA MS NO.: N/A
Title: SUBMIT EPCRA 312 TIER TWO HAZARDOUS CHEMICAL INVENTORY REPORT
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/01/1997 3/01/1997 3/01/1997 PTS: N SMS: N
Driver Name: FED Driver Reference: 40CFR370
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: Milestone Seq: 7330-00-0045 TPA MS NO.: N/A
Title: SUBMIT HANFORD SITE ANNUAL DANGEROUS WASTE REPORT
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/01/1997 3/01/1997 3/01/1997 PTS: N SMS: N
Driver Name: ST Driver Reference: WAC173-303-220 & WAC173-303-390
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: Milestone Seq: 7330-00-0030 TPA MS NO.: N/A
Title: PREPARE SUBMITTAL TO THE NATIONAL IDB
Planning Date Target Date Decrement Date Level: FO Keyword: O
4/15/1997 4/15/1997 4/15/1997 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:

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Milestone No.: Milestone Seq: 7330-00-0055 TPA MS NO.: M-26-01G
Title: ISSUE ANNUAL LDR STATUS REPORT
Planning Date Target Date Decrement Date Level: FO Keyword: O
4/30/1997 4/30/1997 4/30/1997 PTS: Y SMS: N
Driver Name: TRI Driver Reference: DOE/EPA/WA, CERCLA/RCRA
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: Milestone Seq: 7330-00-0020 TPA MS NO.: N
Title: COMPLETE LABORATORY ACTIVITY TOXIC CHEMICAL USE REPORT
Planning Date Target Date Decrement Date Level: HQ Keyword: O
8/01/1997 8/01/1997 8/01/1997 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: 3350 - POLLUTION PREVENTION PR
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:

Milestone No.: Milestone Seq: 7330-00-0025 TPA MS NO.: M-26-01H
Title: ISSUE ANNUAL LDR STATUS REPORT
Planning Date Target Date Decrement Date Level: FO Keyword: O
4/30/1998 4/30/1998 4/30/1998 PTS: Y SMS: N
Driver Name: TRI Driver Reference: DOE/EPA/WA, CERCLA/RCRA
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: Milestone Seq: 7330-00-0060 TPA MS NO.: M-26-01I
Title: ISSUE ANNUAL LDR STATUS REPORT
Planning Date Target Date Decrement Date Level: FO Keyword: O
4/30/1999 4/30/1999 4/30/1999 PTS: Y SMS: N
Driver Name: TRI Driver Reference: DOE/EPA/WA, CERCLA/RCRA
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

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Milestone No.: Milestone Seq: 7330-00-0065 TPA MS NO.: M-26-01J
Title: ISSUE ANNUAL LDR STATUS REPORT
Planning Date Target Date Decrement Date Level: FO Keyword: O
4/30/2000 4/30/2000 4/30/2000 PTS: Y SMS: N
Driver Name: TRI Driver Reference: DOE/EPA/WA, CERCLA/RCRA
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

~~NARRATIVE~~

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Technical Scope Summary(Limit 15 line or less):

The mission of the Hanford Environmental Management Program (HEMP) is to provide general support activities across the mission areas to ensure that Hanford Site facilities/programs achieve compliance with environmental requirements. The HEMP role in sitewide activities is to act as a focal point for setting regulatory policy, and determining overall guidance; facility-specific compliance activities remain the responsibility of individual plants/programs.

Technical Scope Detail(Limit 104 lines or less):

This ADS is divided into nine subactivities which are titled as follows: HA - Program Administration, HB - NEPA/Natural Resource Damage Assessment (NRDA) Coordination, HC - Regulatory Field Support, HD - Air and Water Permitting, HE - Environmental Reporting, HF - Tri-Party Agreement Integration, HG - RCRA Compliance, HH - Pollution Prevention (FY 1994 only), ZZ - Productivity Commitment/Program Adjustment.

HA - Program Administration provides program management and financial administration for the HEMP. Program plans and budgets are developed, management reports and program priority lists maintained, and Site Management System requirements coordinated.

HB - NEPA/NRDA Coordination provides support to management and facilities on overall NEPA/SEPA activities to ensure consistency/compliance, provides implementation guidance to facilities, and management oversight and coordination of NRDA work scope.

HC - Regulatory Field Support provides coordination for onsite inspections by regulatory agencies, guidance and assistance in the preparation of regulatory compliance files at Treatment, Storage and Disposal facilities,

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focal point for resolution of sitewide specific environmental compliance issues and sitewide spill reporting guidance.

HD - Air and Water Permitting provides sitewide non-RCRA environmental permitting coordination and review/resolution of permitting issues, and review non-RCRA permitting activities at WHC for consistency.

HE - Environmental Reporting includes: Preparation of mandatory regulatory reports (i.e. EPCRA 311 - MSDS Quarterly Update Lists, EPCRA 312 -Hazardous Chemical Inventory Report, EPCRA 313 - Toxic Release Inventory Report, Hanford Site Annual Dangerous Waste Report, Hanford Site Annual PCB Report, Hanford Site Annual PCB Log, Biennial RCRA 3016 Report), and Land Disposal Restriction Status (LDR) reporting (Tri-Party Agreement M-26) and Air Emissions/NESHAP coordination.

HF - Tri-Party Agreement Integration supports integration of Tri-Party Agreement activities for site contractors/programs. Required reports will be prepared and participant/public meetings will be coordinated.

HG - RCRA Compliance supports special requirements identified in the Hanford Facility RCRA/Dangerous Waste Permit. These include: compliance coordination and RCRA permit modification, RCRA permit condition tracking, RCRA permit record keeping and retrieval, mapping and marking of underground orphan pipeline, annual closure cost estimates and waste minimization reporting, RCRA permit's waste inventory, and RCRA facility-wide inspections. In addition RCRA permitting also supports preparation of permit applications and closure/postclosure plans for sitewide environmental permits to address RCRA requirements (Tri-Party Agreement milestone M-20-00). This does not include unit-specific RCRA permit requirements and coordination.

HH - Pollution Prevention (P2) is organized to meet Federal, State, and DOE regulations, policies, and reporting requirements and to develop a Hanford sitewide P2 program. The P2 program team works to remove barriers to pollution prevention, develop sitewide programmatic elements that encourage and facilitate pollution prevention, collect information and prepare reports, and assist site facilities in the implementation of P2. (FY 1994 only).

ZZ - Productivity Commitment/Program Adjustment - reflects Productivity Commitment identified by WHC Program Integration Team (PIT) in order to fund designated critical unfunded items, and an adjustment to balance to guidance.

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

HA - Program Administration provides program management and financial administration to the HEMP. Program plans and budgets will be developed, management reports and program priority lists maintained and site

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management system requirements coordinated.

HB - NEPA/NRDA Coordination will support management and facilities on overall NEPA/SEPA activities to ensure consistency and compliance. Management oversight and coordination of NRDA work scope is also supported.

HC - Regulatory Field Support will perform informal inspections for environmental regulatory compliance of operating and inactive facilities in preparation for Federal, State and local agencies. Establish and maintain files for each inspection. Accompany agency inspectors on audits and surveillances, and facilitate access for inspectors. Support development of RCRA compliance assessments. Provide focal point for resolution of sitewide environmental compliance issues, and provide sitewide spill reporting guidance.

HD - Air and Water Permitting will provide sitewide non-RCRA environmental permitting coordination and review/resolution of permitting issues, and will review non-RCRA permitting activities at WHC for consistency.

HE - Environmental Reporting will support submittal of mandatory state and federal reports for hazardous material inventories and releases and for dangerous waste operations. Reports include EPCRA 311 -MSDS Quarterly Update Lists, EPCRA 312 - Hazardous Chemical Inventory Report, EPCRA 313 - Toxic Release Inventory Report, Hanford Site Annual Dangerous Waste Report, Hanford Site Annual PCB Report, Hanford Site Annual PCB Log. LDR Status Reporting and milestone planning is also done (Tri-Party Agreement Milestone M-26). In addition an air emissions inventory and requisite data management system will be established to support an air emissions operating permit.

HF - Tri-Party Agreement Integration will support integration of Tri-Party Agreement activities for site contractors/programs. Required reports will be prepared and participant/public meetings will be coordinated.

HG - RCRA Compliance subactivity will support the Hanford Facility RCRA/Dangerous Waste Permit when issued. Initially a Permit Implementation Plan will be prepared to address overall and specific impacts to the Hanford Facility. In addition RCRA permitting also supports preparation of permit applications and closure/postclosure plans for sitewide environmental permits to address RCRA requirements (Tri-Party Agreement milestone M-20-00).

HH - Pollution Prevention (P2) will support the Hanford Site to ensure that Federal, State and DOE regulations, policies and reporting requirements are met, and will continue development of a Hanford Sitewide P2 program, develop sitewide programmatic elements that encourage and facilitate P2, collect information, prepare P2 reports, assist site facilities and waste generators in the implementation of P2 and waste reduction initiatives, and respond to DOE-HQ requests.

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

TARGET LEVEL FUNDING: \$7782K

Based on an assessment of required work scope and projected out year funding levels, the work scope identified in this ADS assumes a redistribution of Richland's FY 1995 Congressional Budget request. The

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delta change from the President's budget is \$(1465K), resulting in a new total of \$7782K. These adjustments may require a FY 1995 budget amendment.

\$447K - Provides program management and financial administration for the HEMP.

\$1853K - Supports preparation of mandatory environmental/regulatory reports, and development and maintenance of related data management systems and annual LDR Waste Status Reporting and milestone planning (Tri-Party Agreement Milestone M-26). In addition, Capital Equipment funding is allotted to purchase a SUN Microsystem SPARC10 Computer, required for compliance with the Occupational Safety and Health Act and EPCRA.

\$2827K - Supports the sitewide requirements of the Hanford Facility RCRA/Dangerous Waste Permit. These include: compliance coordination and RCRA permit modification, RCRA permit condition tracking, RCRA permit record keeping and retrieval, annual closure cost estimates and waste minimization reporting, RCRA permit's waste inventory, and RCRA facility-wide inspections. In addition RCRA permitting also supports preparation of permit applications and closure/postclosure plans for sitewide environmental permits to address RCRA requirements (Tri-Party Agreement milestone M-20-00).

\$1016K - Provides sitewide non-RCRA environmental permitting coordination and review/resolution of permitting issues, and will review non-RCRA permitting activities at WHC for consistency. In addition, support to a permit application for air emissions which includes completion of an initial air emissions inventory is supported.

\$997K - Provides coordination of onsite inspections by regulatory agencies, provide guidance and assistance in the preparation of regulatory compliance files, provide sitewide spill reporting guidance and serve as a focal point for resolution of sitewide and facility specific environmental compliance issues. In addition, Capital Equipment funding is allotted for purchase of vehicles.

\$1327K - Supports integration of Tri-Party Agreement activities for site contractors/programs. Required reports will be prepared and participant/public meetings will be coordinated.

\$226K - Supports management and facilities on overall NEPA/SEPA activities to ensure consistency and compliance.

\$(911K) - Supports a 10% Productivity Commitment identified by the Westinghouse Program Integration Team (PIT) in order to fund designated critical unfunded items, and an adjustment to reach Target funding.

PLANNING LEVEL INCREMENTS: \$799K

\$586K - Supports coordination/preparation of facility-wide pipeline mapping and marking activities implementation plan.

\$213K - Provides management support to Hanford Site NRDA activities.

Pollution Prevention work scope transfers to ADS 7332-00.

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

DECREMENT LEVEL FUNDING: \$6329K

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\$460K - Provides program management and financial administration for the HEMP.

\$1682K - Supports preparation of mandatory environmental/regulatory reports, and development and maintenance of related data management systems and annual LDR Waste Status Reporting and milestone planning (Tri-Party Agreement Milestone M-26) and IDB report preparation.

\$2322K - Supports requirements identified in the Hanford Facility RCRA/Dangerous Waste Permit. These include; compliance coordination and RCRA permit modification, RCRA permit record keeping and retrieval, annual closure cost estimates and waste minimization reporting, RCRA permit's waste inventory, and RCRA facility-wide inspections. In addition RCRA permitting also supports preparation of permit applications and closure/post closure plans for sitewide environmental permits to address RCRA requirements (Tri-Party Agreement milestone M-20-00). This does not include unit-specific RCRA permit requirements and coordination.

\$865K - Provides sitewide non-RCRA environmental permitting coordination and review/resolution of permitting issues, and will review non-RCRA permitting activities at WHC for consistency.

\$986K - Provides coordination of onsite inspections by regulatory agencies, provide guidance and assistance in the preparation of regulatory compliance files, provide sitewide spill reporting guidance and serve as a focal point for resolution of sitewide and facility specific environmental compliance issues.

\$814K - Partially supports integration of Tri-Party Agreement activities for site contractors and programs. Required reports will be prepared and participant and public meetings will be coordinated. IMPACT: Management of milestone activities related to Solid/Liquid Waste, RCRA Permitting, Analytical Laboratory, and a large part of TWRS programs would not be supported. Integration of change control, dispute resolution between programs and parties, follow through on action plans to incorporate existing non-compliance situations into the compliance agreement and negotiation of changes to the Tri-Party Agreement would not be supported, resulting in non-compliance with Tri-Party Agreement legal obligations and possible fines and/or legal action. Sufficient resources would no longer be available to support RL in identification of issues, preparation of analysis and issue papers, and review and support to expeditious closure of change requests and other documentation. To the extent that the Tri-Party Agreement incorporates RCRA, CERCLA, CWA, WAC and other environmental legislation, failure to manage milestone activities could result in violation of Federal and State acts and regulations, again resulting in fines and/or criminal liability.

\$(800K) - Supports Productivity Commitment identified by the Westinghouse Program Integration Team (PIT) in order to fund designated critical

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unfunded items and an adjustment to reach Decrement funding.

TARGET LEVEL INCREMENTS \$1221K

\$552K - Supports remaining integration of Tri-Party Agreement activities for site contractors and programs and milestone managers.

\$232K - Supports management/facilities on overall NEPA/SEPA activities to ensure consistency and compliance.

\$572K - Supports establishment of an overall record keeping and retrieval system for coordination/tracking of Hanford Facility RCRA/Dangerous Waste Permit 'facility-wide' requirements.

\$(135K) - Supports remaining Productivity Commitment identified by the Westinghouse Program Integration Team (PIT) in order to fund designated critical unfunded items.

PLANNING LEVEL INCREMENTS: \$2171K

\$1756K - Supports facility-wide mapping/marketing of orphan pipelines. Includes CENRTC for computer purchase.

\$219K - Provides management support to Hanford Site NRDA activities, including coordination of HRA-EIS and NRDA Activities, Natural Resource Injury Assessment, and Baseline Ecosystem Vegetation Mapping.

\$196K - Supports initiation of a sitewide NEPA EIS as required by 10 CFR 1021.330 9C) and DOE Order 4320.1B(7)(i)..

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

TARGET LEVEL FUNDING:

The work scope planned in the out years includes both the Decrement and Target Level work scope as shown in FY 1996. In addition facility-wide mapping and marketing of orphan pipelines is included in the Target Level funding beginning in FY 1997.

PLANNING LEVEL INCREMENTS:

The work scope in the out years includes the incremental NRDA and NEPA EIS work scope as identified in FY 1996.

Impacts/Assumptions(Limit 42 lines or less):

In an effort to enhance cost efficiencies, this ADS reflects a productivity commitment (Subactivity ZZ) which achieves the same work scope at a lower unite rate, or the application of more efficient processes, or through cost avoidance.

More compliance items are expected as new regulations and compliance orders are implemented.

Facility specific compliance activities remain the responsibility of individual plants/programs.

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The Hanford Facility RCRA/Dangerous Waste Permit is expected to be issued in FY 1994, creating expanded regulatory requirements. TSD unit specific requirements of the Permit will be the responsibility of individual facilities/programs. Regulatory drivers for the HEMP include:

HA - Program Administration regulatory drivers include: DOE Orders 2250.1C & 4500.1.

HB - NEPA/NRDA Coordination regulatory drivers include: NEPA of 1969, 10 CFR 1021, 40 CFR 1500-1508, WAC 197-11, 43 CFR 11, DOE Order 5400.4, EO 12580, Water Pollution Control Act, Model Toxics Control Act.

HC - Regulatory Field Support regulatory drivers include: WAC 173-303, WAC 246-247, TPA Article XXXVII, 40 CFR 61, WAC 173-303-210 & -380, RL 91 EPB-018, TPA Article XXXVI, DOE Order 5400.3, 40 CFR 264, WAC 173-303-646, TPA Article XLVIII, WAC 173-303-070, 40 CFR 302.4, 40 CFR 355, WAC 173-303-145, DOE 5000.3B, APCA General Regulation 80-7, DOE Order 5484.1, RL Order 5484.1, National Pollutant Discharge Elimination Permit System Permit WA000374-3, City of Richland Ordinance 35-84.

HD - Air & Water Permitting regulatory drivers include: NEPA of 1969, 40 CFR 122, 33 CFR 322, WAC 173-216, WAC 246-272, WAC 173-201, WAC 246-247, 40 CFR 61 Subpart A, 40 CFR 61 Subpart H, 40 CFR 61 Subpart M, 40 CFR 52, 40 CFR 270, WAC 173-400, WAC 173-460, WAC 173-480, DOE 5400.4, Model Toxics Control Act.

HE - Environmental Reporting regulatory drivers include: 40 CFR 761.180, 40 CFR 761 Subpart K, 40 CFR 355, 40 CFR 370, 40 CFR 372, 40 CFR 268, 40 CFR 260, 40 CFR 264.75, 29 CFR 1910.1200, WAC 173-303-220, WAC 173-303-390, WAC 173-303-140, Clean Air Act Amendments of 1990, Federal Facility Compliance Act of 1992, Tri-Party Agreement, RCRA Section 3016.

HF - Tri-Party Agreement regulatory drivers include: Tri-Party Agreement.

HG - RCRA Compliance regulatory drivers include: RCRA, 40 CFR 270, WAC 173-303-806.

HH - Pollution Prevention regulatory drivers include: WAC 173-307, WAC 173-303, DOE Orders 5820.2A, 5400.1, 5400.3, 5700.6C, Hazardous Solid Waste Amendments to RCRA, Pollution Prevention Act of 1990, Tri Party Agreement, Hanford Site Part B Permit, EO's 12856, 12873, 12843, EPCRA, FFCA, CAAA of 1990.

Supporting Documents(Limit 5 lines or less):

Please refer to Impacts/Assumptions for the regulatory drivers.

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

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DESCRIPTION OF REGULATORY DRIVER

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Operations Office: RL ID No.: 7332- 0 Revision Date: 4/22/1994
 ADS Title: WASTE MINIMIZATION
 WBS No.: 1.3.7.1.3 Category: WM Appr.:
 Project Title: WASTE MIN. PLANNING Facility/WAG:
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: N/A TPC: 0 TEC: 0
 Contig: 0
 CNTR Manager: LANDON, RJ Phone: 509-376-6992
 O.O. Manager: HOLT, RG Phone: 509-376-6340
 H.Q. Manager: CHOU, GP Phone: 301-903-7159
 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: N
 DOE: Y IAG: N OSHA: N ORD: N 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	0	550		A	0	0	0	0
CE	0	0		B	0	0	0	0
GPP	0	0		C	566	566	566	0
LI	0	0		D	0	0	0	0
				E	0	0	0	0
TOTAL	0	550		F	0	0	715	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	566	566	1,280	0

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	566
CE	0
GPP	0
LI	0
TOTAL	566

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	566	583	883	970	867
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	566	583	883	970	867

FTEs	FY94	FY95
Direct	0	5
Indirect	0	4
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	5	5	7	8	7
Indirect	4	4	5	6	5
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	1,280	1,319	1,358	1,399	1,441
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	1,280	1,319	1,358	1,399	1,441

FTEs	FY94	FY95
Direct	0	5
Indirect	0	4
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	11	11	11	11	11
Indirect	8	8	8	8	8
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: WASTE MINIMIZATION						FY96 DRIVER CATEGORY					
SUB-DESC: PROGRAM: EM SUBACT: WA						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	566	566	566	0
							D	0	0	0	0
EW3110020		0		550			E	0	0	0	0
35EW31102		0		0			F	0	0	715	0
39EW31102		0		0			G	0	0	0	0
39EW31102		0		0			H	0	0	0	0
							I	0	0	0	0
TOTAL		0		550			TOTAL	566	566	1,280	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110020	566
35EW31102	0
39EW31102	0
39EW31102	0
TOTAL	566

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110020	566	583	883	970	867
35EW31102	0	0	0	0	0
39EW31102	0	0	0	0	0
39EW31102	0	0	0	0	0
TOTAL	566	583	883	970	867

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110020	1,280	1,319	1,358	1,399	1,441
35EW31102	0	0	0	0	0
39EW31102	0	0	0	0	0
39EW31102	0	0	0	0	0
TOTAL	1,280	1,319	1,358	1,399	1,441

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A106 Cross References

A106 Number: N/A Date:
Title: N/A
Federal Facility Identification: N/A
Region: Assessment:
Status: Progress:

Tiger Team Cross References

Tiger Team Finding Number: N/A Date:
Title: N/A

FY95-99 ADS Cross References

ADS #: RL 7330 0
Title: ENVIRONMENTAL SUPPORT - PLANNING & TPA MANAGEMENT
Transferred in its entirety: N
Explanation of Change:
WORKSCOPE TRANSFERS FROM ADS 7330-0 IN FY 1995, SUBACTIVITY HH TITLED "POLLUTION PREVENTION". DOLLAR VALUE (\$550K).

MILESTONES

Milestone No.: Milestone Seq: 7332-00-0030 TPA MS NO.: N/A
Title: SUBMIT ANNUAL WASTE MINIMIZATION REPORT TO RL
Planning Date Target Date Decrement Date Level: HQ Keyword: O
3/15/1995 3/15/1995 3/15/1995 PTS: N SMS: N
Driver Name: DOE Driver Reference: 5400.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
ESH-95-018

Milestone No.: Milestone Seq: 7332-00-0035 TPA MS NO.: N/A
Title: SUBMIT ANNUAL WASTE MINIMIZATION REPORT TO RL
Planning Date Target Date Decrement Date Level: HQ Keyword: O
3/15/1996 3/15/1996 3/15/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: 5400.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
ESH-96-019

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Milestone No.: Milestone Seq: 7332-00-0005 TPA MS NO.: N
Title: SUBMIT ANNUAL WASTE MINIMIZATION REPORT TO RL
Planning Date Target Date Decrement Date Level: HQ Keyword: O
3/15/1997 3/15/1997 3/15/1997 PTS: N SMS: N
Driver Name: DOE Driver Reference: 5400.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: Milestone Seq: 7332-00-0010 TPA MS NO.: N
Title: SUBMIT ANNUAL WASTE MINIMIZATION REPORT TO RL
Planning Date Target Date Decrement Date Level: HQ Keyword: O
3/15/1998 3/15/1998 3/15/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: 5400.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: Milestone Seq: 7332-00-0015 TPA MS NO.: N
Title: SUBMIT ANNUAL WASTE MINIMIZATION REPORT TO RL
Planning Date Target Date Decrement Date Level: HQ Keyword: O
3/15/1999 3/15/1999 3/15/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: 5400.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

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Milestone No.: Milestone Seq: 7332-00-0020 TPA MS NO.: N
Title: SUBMIT ANNUAL WASTE MINIMIZATION REPORT TO RL
Planning Date Target Date Decrement Date Level: HQ Keyword: O
3/15/2000 3/15/2000 3/15/2000 PTS: N SMS: N
Driver Name: DOE Driver Reference: 5400.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

~~NARRATIVE~~

LAST UPDATE: 04-19-1994 TIME: 14:15:34

Technical Scope Summary(Limit 15 line or less):

The Pollution Prevention (formerly Waste Minimization) Program is organized to meet Federal, State, and DOE regulations, policies, and reporting requirements; and to develop a Hanford sitewide pollution prevention (P2) program. The P2 program team works to remove barriers to pollution prevention, develop sitewide programmatic elements that encourage and facilitate pollution prevention, collect information and prepare reports, and assist site facilities in the implementation of P2.

Technical Scope Detail(Limit 104 lines or less):

Activities related to the development of a sitewide P2 and awareness program include: identify waste reduction initiatives, provide project management for WHC-wide waste reduction initiatives, coordinate with affected organizations and DOE, prepare and implement project plans, develop and implement P2 tools, provide training and awareness. Reports for DOE-HQ, EPA and the State of Washington are prepared on pollution prevention, and the P2 organization is represented on the DOE-HQ Cross-cut Planning Team and the GOCO Waste Minimization Committee.

RL has designated WHC as the Hanford Site P2 lead and RL point of coordination for all other site contractors. WHC will coordinate P2 onsite according to the December 1993 Waste Minimization/Pollution Prevention (WMin/PP) Crosscut Plan. The crosscut plan requires sites to establish specific goals to reduce the generation of all types of wastes and pollutants by December 31, 1999. It also identifies key programmatic and facility-specific elements to be implemented.

The P2 program also includes the development of sitewide hazardous material control practices and pollution prevention opportunity assessment and program tracking systems. The program also involves removing

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administrative barriers that hinder P2 at Hanford.

Regulatory reporting and program documentation require the P2 program team to collect information for preparing reports, respond to DOE-HQ requests, and maintain the RL and WHC Site P2 Program Plan. It also involves assisting facilities in identifying and implementing P2 opportunities.

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

P2 requirements are funded in Activity Data Sheet 7330 -subactivity HH.

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 \$(267K), resulting in a new total of \$550K. These adjustments may require a FY 1995 budget amendment.

TARGET LEVEL FUNDING: \$550K

\$550K - Provides for development of a Hanford sitewide P2 program according to elements identified in the WMin/PP Crosscut Plan, develop sitewide programmatic elements that encourage and facilitate P2, collect information, prepare P2 reports, provide pollution prevention opportunity assessment training, provide technical assistance to facilities in their P2 program implementation, coordinate existing and future DOE and regulatory P2 requirements for all Hanford Site contractors, respond to DOE-HQ requests, and assist waste generators in identifying and implementing P2 opportunities.

PLANNING LEVEL INCREMENT: \$695K

\$695K - Provides incremental funding to support full site program implementation and to support facility implementation, to comply with Executive Orders 12856, 12873, and 12902 and future DOE and regulatory requirements, and to implement program development activities currently being funded by DOE-HQ: P2 in design of new or modified facilities, waste cost avoidance model, Hanford goal setting approach, and Hazardous Materials Reduction Initiative (HMRI).

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

DECREMENT AND TARGET LEVEL FUNDING: \$566K

\$566K - Provides for development of a Hanford sitewide P2 program according to elements identified in the WMin/PP Crosscut Plan, develop sitewide programmatic elements that encourage and facilitate P2, collect information, prepare P2 reports, provide pollution prevention opportunity assessment training, provide technical assistance to facilities in their P2 program implementation, coordinate existing and future DOE and regulatory P2 requirements for all Hanford Site contractors, respond to DOE-HQ

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requests, and assist waste generators in identifying and implementing P2 opportunities.

PLANNING LEVEL INCREMENT: \$715K

\$715K - Provides incremental funding to support full site program implementation and to support facility implementation, to comply with Executive Orders 12856, 12873, and 12902 and future DOE and regulatory requirements, and to implement program development activities currently being funded by DOE-HQ: P2 in design of new or modified facilities, waste cost avoidance model, Hanford goal setting approach, and Hazardous Materials Reduction Initiative (HMRI).

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

TARGET LEVEL FUNDING:

Continue implementation of a Hanford sitewide pollution prevention program, implement sitewide programmatic elements that encourage and facilitate P2, collect information, prepare P2 reports, provide opportunity assessment training, assist facilities in their P2 implementation, coordinate P2 requirements for all Hanford Site contractors, respond to DOE-HQ requests, and assist waste generators in identifying and implementing P2 opportunities.

\$283K is allotted in FY 98 to partially fund the incremental items identified in FY 1996.

PLANNING LEVEL INCREMENTS:

Additional funding is required in the outyears to fund remaining items from FY96 and continuation of hazardous materials reduction activities, including review of all purchase requisitions and recommendation of non-hazardous substitutes, and establishment of a substitute database.

Impacts/Assumptions(Limit 42 lines or less):

Decrement and Target funding levels do not support the requirement of additional resources required to replace HQ funding for program development and implementation in FY 95 and beyond. Program implementation will involve extensive field work and field support, not only to WHC operated facilities but also with other contractors; much more than is currently being provided by the P2 organization. Additionally, recent Executive Orders (E.O.s) 12843, 12856, 12873, and 12902 have placed increased emphasis on P2 and established the following: phaseout of Class I and II ozone depleting substances; a goal for 50 percent reduction of toxic chemicals by December 31, 1999; affirmative procurement practice for products made from recycled materials; and goals for reduced energy consumption efficiency, and water conservation. These E.O.s have all been issued since April 1993 and additional regulatory and DOE requirements are expected to be issued. Without additional funds, the P2 organization will be able to provide only minimal support and guidance to site program

~~NARRATIVE Continued~~

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coordination, development, and implementation. Benefits of waste reduction, cost savings, and reduced future liability will not be realized if activities are not funded. Toxic Chemicals Release reduction initiatives and the identification, requesting, allocating, reporting of funding for pollution prevention and waste minimization activities may not occur if these activities are not funded. Compliance with DOE directives and current and future regulatory requirements will not be achieved without additional funding.

Supporting Documents(Limit 5 lines or less):

Regulatory drivers for P2 include: WAC 173-307, WAC 173-303, DOE Orders 5820.2A, 5400.1, 5400.3, 5700.6C, Hazardous Solid Waste Amendments to RCRA, Pollution Prevention Act of 1990, Tri-Party Agreement, Hanford Site Part B Permit, EO's 12780, 12856, 12873 and 12843, 12902, EPCRA, Federal Facility Compliance Act, Clean Air Act Amendments of 1990.

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.

LAST UPDATE: 05-07-1993 TIME: 10:08:35

DESCRIPTION OF REGULATORY DRIVERS

...NARRATIVE Continued...
coordination, development, and implementation. Benefits of waste
reduction, cost savings, and reduced future liability will not be realized
if activities are not funded. Toxic Chemicals Release reduction
initiatives and the identification, requesting, allocating, reporting of
funding for pollution prevention and waste minimization activities may not
occur if these activities are not funded. Compliance with DOE directives
and current and future regulatory requirements will not be achieved without
additional funding.

Supporting documents (Limit 5 lines or less):
Regulatory drivers for 92 include: WAC 171-307, WAC 171-303, DOE Orders
5820 2A, 5400.1, 5400.3, 5106.6C, Hazardous Solid Waste Agreement to WETA,
Pollution Prevention Act of 1990, Tri-Party Agreement, Monitor Site Part 2
Permit, RCRA 12780, 12802, 12803 and 12804, RCRA Federal Facility
Compliance Act, Clean Air Act, etc.

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Performance Measures (Limit 5 lines or less):
Specific performance measures are defined with provisions of the Government
Performance Review and Results Act and the National Performance Review were
substituted under separate cover.

LAST UPDATE: 02-07-1993 TIME: 10:02:18

DESCRIPTION OF REGULATORY DRIVERS

Environmental Management
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Operations Office: RL ID No.: 7340- 0 Revision Date: 4/25/1994
 ADS Title: WHC ENVIRONMENTAL SURVEILLANCE & MONITORING
 WBS No.: 1.3.7.6.7 Category: WM Appr.:
 Project Title: WHC ENVIRONMENTAL SURVEI Facility/WAG: HANFORD
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: N/A TPC: 23079 TEC: 25392
 Contig: 0
 CNTR Manager: THOMPSON, RR Phone: 509-376-6914
 O.O. Manager: HENNIG, JM Phone: 509-376-1366
 H.Q. Manager: CHOU, G Phone: 301-903-7159
 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: N SDWA: N RCRA: Y 3004U: N TSCA: N CERCLA: N NEPA: N
 DOE: Y IAG: N OSHA: N ORD: N ST : N TRI : Y FED : N 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	21,859	22,598		A	787	787	1,313	0
CE	4,885	2,000		B	0	0	0	0
GPP	0	0		C	9,214	11,526	16,567	0
LI	0	0		D	0	0	0	0
				E	0	637	637	0
TOTAL	26,744	24,598		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	7,244	7,244	11,085	527
				TOTAL	17,245	20,194	29,602	527

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	15,245
CE	2,000
GPP	0
LI	0
TOTAL	17,245

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	18,194	26,666	30,513	29,814	29,877
CE	2,000	1,500	2,000	1,500	2,000
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	20,194	28,166	32,513	31,314	31,877

FTEs	FY94	FY95			
Direct	137	125			
Indirect	101	93			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	103	121	119	120	118
Indirect	76	89	88	89	87
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	27,602	36,128	39,840	40,781	41,934
CE	2,000	3,000	3,000	3,000	3,000
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	29,602	39,128	42,840	43,781	44,934

FTEs	FY94	FY95			
Direct	137	125			
Indirect	101	93			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	141	143	141	141	141
Indirect	104	106	105	105	105
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SITE SUPPORT						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 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	0
					D	0	0	0	0
EW3120100	1,298	1,027			E	0	0	0	0
35EW3120A	4,885	2,000			F	0	0	0	0
39EW3120A	0	0			G	0	0	0	0
39EW3120A	0	0			H	0	0	0	0
					I	2,954	2,954	3,061	0
TOTAL	6,183	3,027			TOTAL	2,954	2,954	3,061	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3120100	954
35EW3120A	2,000
39EW3120A	0
39EW3120A	0
TOTAL	2,954

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3120100	954	1,094	1,324	1,189	1,369
35EW3120A	2,000	1,500	2,000	1,500	2,000
39EW3120A	0	0	0	0	0
39EW3120A	0	0	0	0	0
TOTAL	2,954	2,594	3,324	2,689	3,369

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3120100	1,061	1,602	1,682	1,700	1,785
35EW3120A	2,000	3,000	3,000	3,000	3,000
39EW3120A	0	0	0	0	0
39EW3120A	0	0	0	0	0
TOTAL	3,061	4,602	4,682	4,700	4,785

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Budget Detail Profile

DESC: RICHLAND SITE SUPPORT						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AC						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: GROUNDWATER MONITORING									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	5,005	7,317	11,453	0
					D	0	0	0	0
EW3120100	11,649	13,028			E	0	0	0	0
35EW3120A	0	0			F	0	0	0	0
39EW3120A	0	0			G	0	0	0	0
39EW3120A	0	0			H	0	0	0	0
					I	2,055	2,055	5,051	0
TOTAL	11,649	13,028			TOTAL	7,060	9,372	16,504	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3120100	7,060
35EW3120A	0
39EW3120A	0
39EW3120A	0
TOTAL	7,060

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3120100	9,372	12,243	15,887	14,886	14,932
35EW3120A	0	0	0	0	0
39EW3120A	0	0	0	0	0
39EW3120A	0	0	0	0	0
TOTAL	9,372	12,243	15,887	14,886	14,932

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3120100	16,504	19,335	22,888	23,545	24,291
35EW3120A	0	0	0	0	0
39EW3120A	0	0	0	0	0
39EW3120A	0	0	0	0	0
TOTAL	16,504	19,335	22,888	23,545	24,291

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Budget Detail Profile

DESC: RICHLAND SITE SUPPORT						FY96 DRIVER CATEGORY									
SUB-DESC: PROGRAM: EM SUBACT: AZ						DECREMENT	TARGET	PLAN	IMM RISK						
TITLE: MONITOR AND ASSESS LIQUID EFFLUENT															
APPROP: D															
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D	E	F	G	H	I
EW3120100	0		0				0	0	0	0	0	0	0	0	0
35EW3120A	0		0				0	0	0	0	0	0	0	0	0
39EW3120A	0		0				0	0	0	0	0	0	0	0	0
39EW3120A	0		0				0	0	0	0	0	0	0	0	0
TOTAL	0		0				0								

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3120100	0
35EW3120A	0
39EW3120A	0
39EW3120A	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3120100	0	0	0	0	0
35EW3120A	0	0	0	0	0
39EW3120A	0	0	0	0	0
39EW3120A	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3120100	0	0	0	0	0
35EW3120A	0	0	0	0	0
39EW3120A	0	0	0	0	0
39EW3120A	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SITE SUPPORT						FY96 DRIVER CATEGORY									
SUB-DESC: PROGRAM: EM SUBACT: BA						DECREMENT	TARGET	PLAN	IMM RISK						
TITLE: EFFLUENT MONITORING															
APPROP: D															
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D	E	F	G	H	I
							787	0	787	0	1,313	0	0	0	0
							0	4,209	0	4,209	0	5,114	0	0	0
EW3120100	5,656		5,444				0	0	0	0	0	0	0	0	0
35EW3120A	0		0				0	0	0	0	0	0	0	0	0
39EW3120A	0		0				0	0	0	0	0	0	0	0	0
39EW3120A	0		0				0	0	0	0	0	0	0	0	0
TOTAL	5,656		5,444				4,996	4,996	4,996	6,427	0	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3120100	4,996
35EW3120A	0
39EW3120A	0
39EW3120A	0
TOTAL	4,996

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3120100	4,996	10,424	10,541	10,881	10,764
35EW3120A	0	0	0	0	0
39EW3120A	0	0	0	0	0
39EW3120A	0	0	0	0	0
TOTAL	4,996	10,424	10,541	10,881	10,764

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3120100	6,427	11,637	11,839	12,046	12,271
35EW3120A	0	0	0	0	0
39EW3120A	0	0	0	0	0
39EW3120A	0	0	0	0	0
TOTAL	6,427	11,637	11,839	12,046	12,271

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Budget Detail Profile

DESC: RICHLAND SITE SUPPORT						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: BB						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: ENVIRONMENTAL MONITORING									
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
EW3120100	3,256	3,099			E	0	637	637	0
35EW3120A	0	0			F	0	0	0	0
39EW3120A	0	0			G	0	0	0	0
39EW3120A	0	0			H	0	0	0	0
					I	2,235	2,235	2,973	527
TOTAL	3,256	3,099			TOTAL	2,235	2,872	3,610	527

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3120100	2,235
35EW3120A	0
39EW3120A	0
39EW3120A	0
TOTAL	2,235

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3120100	2,872	2,905	2,761	2,858	2,812
35EW3120A	0	0	0	0	0
39EW3120A	0	0	0	0	0
39EW3120A	0	0	0	0	0
TOTAL	2,872	2,905	2,761	2,858	2,812

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3120100	3,610	3,554	3,431	3,490	3,587
35EW3120A	0	0	0	0	0
39EW3120A	0	0	0	0	0
39EW3120A	0	0	0	0	0
TOTAL	3,610	3,554	3,431	3,490	3,587

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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 7340 0
Title: WHC ENVIRONMENTAL SURVEILLANCE & MONITORING
Transferred in its entirety: Y
Explanation of Change:
PROGRAM TITLE WAS CHANGED TO BETTER IDENTIFY WHAT THE PROGRAM DOES AND TO ELIMINATE
THE CONFUSION FROM THE ASSORTMENT TITLES PREVIOUSLY USED TO DESIGNATE THIS PROGRAM.
TITLE CHANGE ONLY.

MILESTONES

Milestone No.: RAC-94-202 Milestone Seq: 7340-00-0090 TPA MS NO.: N/A
Title: ISSUE 2ND QTR CY93 REPORT FOR RCRA GROUNDWATER MONITORING TO REGU
Planning Date Target Date Decrement Date Level: FO Keyword: O
10/31/1993 10/31/1993 10/31/1993 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: DOE/WASHINGTON, RCRA, 10/01/86
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

Milestone No.: RAD-94-100 Milestone Seq: 7340-00-0140 TPA MS NO.: N/A
Title: ISSUE FY93 WELL REMEDIATION / DECOMMISSIONING REPORT TO RL
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/31/1993 12/31/1993 12/31/1993 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: DOE/WASHINGTON, RCRA, 10/01/86
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

MILESTONES Continued

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Milestone No.: RBB-94-210 Milestone Seq: 7340-00-0155 TPA MS NO.: N/A
Title: ISSUE THE FY93 ANNUAL HANFORD NETWORK CATALOG OF SEISMIC EVENTS
Planning Date Target Date Decrement Date Level: FO Keyword: 0
12/31/1993 12/31/1993 12/31/1993 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE SAFETY ITEM
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAC-94-203 Milestone Seq: 7340-00-0095 TPA MS NO.: N/A
Title: ISSUE 3RD QTR CY93 REPORT FOR RCRA GROUNDWATER MONITORING TO REGU
Planning Date Target Date Decrement Date Level: FO Keyword: 0
1/31/1994 1/31/1994 1/31/1994 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: DOE/WASHINGTON, RCRA, 10/01/86
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAC-94-220 Milestone Seq: 7340-00-0205 TPA MS NO.: N/A
Title: ISSUE CY93 GROUNDWATER MONITORING REPORT TO REGULATORS
Planning Date Target Date Decrement Date Level: FO Keyword: 0
3/01/1994 3/01/1994 3/01/1994 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: DOE/WASHINGTON, RCRA, 10/01/86
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBA-94-240 Milestone Seq: 7340-00-0530 TPA MS NO.: N/A
Title: CY93 TRANSMIT EIS/ODS DATA TO INEL
Planning Date Target Date Decrement Date Level: FO Keyword: 0
3/31/1994 3/31/1994 3/31/1994 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5484.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

MILESTONES Continued

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Milestone No.: RAC-94-204 Milestone Seq: 7340-00-0100 TPA MS NO.: N/A
Title: ISSUE 4TH QTR CY93 REPORT FOR RCRA GROUNDWATER MONITORING TO REGU
Planning Date Target Date Decrement Date Level: FO Keyword: O
4/30/1994 4/30/1994 4/30/1994 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: DOE/WASHINGTON, RCRA, 10/01/86
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBA-94-330 Milestone Seq: 7340-00-0360 TPA MS NO.: N/A
Title: ISSUE CY93 ANNUAL AIR EMISSIONS REPORT TO EPA
Planning Date Target Date Decrement Date Level: FO Keyword: O
6/30/1994 6/30/1994 6/30/1994 PTS: N SMS: N
Driver Name: DOE Driver Reference: 40 CFR 61, Subpart H
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBA-94-260 Milestone Seq: 7340-00-0050 TPA MS NO.: N/A
Title: CY93 ISSUE ANNUAL REPORT ON GASEOUS & LIQUID EFFLUENT DISCHARGE
Planning Date Target Date Decrement Date Level: FO Keyword: O
7/31/1994 7/31/1994 7/31/1994 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE ORDER 5400.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAC-94-211 Milestone Seq: 7340-00-0105 TPA MS NO.: N/A
Title: ISSUE 1ST QTR CY94 REPORT FOR RCRA GROUNDWATER MONITORING TO REGU
Planning Date Target Date Decrement Date Level: FO Keyword: O
7/31/1994 7/31/1994 7/31/1994 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: DOE/WASHINGTON, RCRA, 10/01/86
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

~~MILESTONES Continued~~

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MILESTONES Continued

Milestone No.: RBA-94-250 Milestone Seq: 7340-00-0535 TPA MS NO.: N/A
Title: CY93 ISSUE ANNUAL REPORT ON ENVIRONMENTAL SURVEILLANCE
Planning Date Target Date Decrement Date Level: FO Keyword: O
7/31/1994 7/31/1994 7/31/1994 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE ORDER 5484.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAC-94-130 Milestone Seq: 7340-00-0005 TPA MS NO.: N/A
Title: FY94 REVIEW THE GROUNDWATER PROTECTION MANAGEMENT PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1994 9/30/1994 9/30/1994 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5400.1, RL 89-12
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAC-95-202 Milestone Seq: 7340-00-0110 TPA MS NO.: N/A
Title: ISSUE 2ND QTR CY94 REPORT FOR RCRA GROUNDWATER MONITORING TO REGU
Planning Date Target Date Decrement Date Level: FO Keyword: O
10/31/1994 10/31/1994 10/31/1994 PTS: Y SMS: N
Driver Name: RCRA Driver Reference: DOE/WASHINGTON, RCRA, 10/01/86
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBB-94-210 Milestone Seq: 7340-00-0160 TPA MS NO.: N/A
Title: ISSUE THE FY94 ANNUAL HANFORD NETWORK CATALOG OF SEISMIC EVENTS
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/31/1994 12/31/1994 12/31/1994 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE SAFETY ITEM
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

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Milestone No.: RAD-94-100 Milestone Seq: 7340-00-0280 TPA MS NO.: N/A
Title: ISSUE FY94 WELL REMEDIATION / DECOMMISSIONING REPORT TO RL
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/31/1994 12/31/1994 12/31/1994 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: DOE/WASHINGTON, RCRA, 10/01/86
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAC-95-203 Milestone Seq: 7340-00-0115 TPA MS NO.: N/A
Title: ISSUE 3RD QTR CY94 REPORT FOR RCRA GROUNDWATER MONITORING TO REGU
Planning Date Target Date Decrement Date Level: FO Keyword: O
1/31/1995 1/31/1995 1/31/1995 PTS: Y SMS: N
Driver Name: RCRA Driver Reference: DOE/WASHINGTON, RCRA, 10/01/86
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAC-95-220 Milestone Seq: 7340-00-0215 TPA MS NO.: N/A
Title: ISSUE CY94 GROUNDWATER MONITORING REPORT TO REGULATORS
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/01/1995 3/01/1995 3/01/1995 PTS: Y SMS: N
Driver Name: RCRA Driver Reference: DOE/WASHINGTON, RCRA, 10/01/86
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBA-95-240 Milestone Seq: 7340-00-0545 TPA MS NO.: N/A
Title: CY94 TRANSMIT EIS/ODIS DATA TO INEL
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/31/1995 3/31/1995 3/31/1994 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5484.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

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Milestone No.: RAC-95-204 Milestone Seq: 7340-00-0125 TPA MS NO.: N/A
Title: ISSUE 4TH QTR CY94 REPORT FOR RCRA GROUNDWATER MONITORING TO REGU
Planning Date Target Date Decrement Date Level: FO Keyword: O
4/30/1995 4/30/1995 4/30/1995 PTS: Y SMS: N
Driver Name: RCRA Driver Reference: DOE/WASHINGTON, RCRA, 10/01/86
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBA-95-330 Milestone Seq: 7340-00-0365 TPA MS NO.: N/A
Title: ISSUE CY94 ANNUAL AIR EMISSIONS REPORT TO EPA
Planning Date Target Date Decrement Date Level: FO Keyword: O
6/30/1995 6/30/1995 6/30/1995 PTS: N SMS: N
Driver Name: DOE Driver Reference: 40 CFR 61, Subpart H
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBA-95-260 Milestone Seq: 7340-00-0540 TPA MS NO.: N/A
Title: CY94 ISSUE ANNUAL REPORT ON GASEOUS & LIQUID EFFLUENT DISCHARGE
Planning Date Target Date Decrement Date Level: FO Keyword: O
7/31/1995 7/31/1995 7/31/1995 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5400.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBA-95-250 Milestone Seq: 7340-00-0550 TPA MS NO.: N/A
Title: CY94 ISSUE ANNUAL REPORT ON ENVIRONMENTAL SURVEILLANCE
Planning Date Target Date Decrement Date Level: FO Keyword: O
7/31/1995 7/31/1995 7/31/1995 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5484.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

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Milestone No.: RAC-95-130 Milestone Seq: 7340-00-0015 TPA MS NO.: N/A
Title: FY95 REVIEW THE GROUNDWATER PROTECTION MANAGEMENT PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1995 9/30/1995 9/30/1995 PTS: Y SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5400.1, RL 89-12
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBB-96-210 Milestone Seq: 7340-00-0165 TPA MS NO.: N/A
Title: ISSUE THE FY95 ANNUAL HANFORD NETWORK CATALOG OF SEISMIC EVENTS
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/31/1995 12/31/1995 12/31/1995 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE SAFETY ITEM
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAD-96-100 Milestone Seq: 7340-00-0285 TPA MS NO.: N/A
Title: ISSUE FY95 WELL REMEDIATION / DECOMMISSIONING REPORT TO RL
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/31/1995 12/31/1995 12/31/1995 PTS: Y SMS: N
Driver Name: RCRA Driver Reference: DOE/WASHINGTON, RCRA, 10/01/86
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBA-96-240 Milestone Seq: 7340-00-0560 TPA MS NO.: N/A
Title: CY95 TRANSMIT EIS/ODIS DATA TO INEL
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/31/1996 3/31/1996 3/31/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5484.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

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Milestone No.: RBA-96-330 Milestone Seq: 7340-00-0370 TPA MS NO.: N/A
Title: ISSUE CY95 ANNUAL AIR EMISSIONS REPORT TO EPA
Planning Date Target Date Decrement Date Level: FO Keyword: O
6/30/1996 6/30/1996 6/30/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: 40 CFR 61, Subpart H
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBA-96-260 Milestone Seq: 7340-00-0555 TPA MS NO.: N/A
Title: CY95 ISSUE ANNUAL REPORT ON GASEOUS & LIQUID EFFLUENT DISCHARGE
Planning Date Target Date Decrement Date Level: FO Keyword: O
7/31/1996 7/31/1996 7/31/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5400.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBA-96-250 Milestone Seq: 7340-00-0570 TPA MS NO.: N/A
Title: CY95 ISSUE ANNUAL REPORT ON ENVIRONMENTAL SURVEILLANCE
Planning Date Target Date Decrement Date Level: FO Keyword: O
7/31/1996 7/31/1996 7/31/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5484.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAC-96-130 Milestone Seq: 7340-00-0020 TPA MS NO.: N/A
Title: FY96 UPDATE THE GROUNDWATER PROTECTION MANAGEMENT PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1996 9/30/1996 9/30/2001 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5400.1, RL 89-12
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

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Milestone No.: RBB-97-210 Milestone Seq: 7340-00-0170 TPA MS NO.: N/A
Title: ISSUE THE FY96 ANNUAL HANFORD NETWORK CATALOG OF SEISMIC EVENTS
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/31/1996 12/31/1996 12/31/1996 PTS: Y SMS: N
Driver Name: DOE Driver Reference: DOE SAFETY ITEM
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAD-97-100 Milestone Seq: 7340-00-0290 TPA MS NO.: N/A
Title: ISSUE FY96 WELL REMEDIATION / DECOMMISSIONING REPORT TO RL
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/31/1996 12/31/1996 12/31/1996 PTS: Y SMS: N
Driver Name: RCRA Driver Reference: DOE/WASHINGTON, RCRA, 10/01/86
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBA-97-240 Milestone Seq: 7340-00-0575 TPA MS NO.: N/A
Title: CY96 TRANSMIT EIS/ODIS DATA TO INEL
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/31/1997 3/31/1997 3/31/1997 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5484.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBA-97-330 Milestone Seq: 7340-00-0375 TPA MS NO.: N/A
Title: ISSUE CY96 ANNUAL AIR EMISSIONS REPORT TO EPA
Planning Date Target Date Decrement Date Level: FO Keyword: O
6/30/1997 6/30/1997 6/30/1997 PTS: N SMS: N
Driver Name: DOE Driver Reference: 40 CFR 61, Subpart H
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

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Milestone No.: RBA-97-260 Milestone Seq: 7340-00-0565 TPA MS NO.: N/A
Title: CY96 ISSUE ANNUAL REPORT ON GASEOUS & LIQUID EFFLUENT DISCHARGE
Planning Date Target Date Decrement Date Level: FO Keyword: O
7/31/1997 7/31/1997 7/31/1997 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5400.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBA-97-250 Milestone Seq: 7340-00-0585 TPA MS NO.: N/A
Title: CY96 ISSUE ANNUAL REPORT ON ENVIRONMENTAL SURVEILLANCE
Planning Date Target Date Decrement Date Level: FO Keyword: O
7/31/1997 7/31/1997 7/31/1997 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5484.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAC-97-220 Milestone Seq: 7340-00-0235 TPA MS NO.: N/A
Title: ISSUE CY96 GROUNDWATER MONITORING REPORT TO REGULATORS
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/01/1997 9/01/1997 3/01/2006 PTS: Y SMS: N
Driver Name: RCRA Driver Reference: DOE/WASHINGTON, RCRA, 10/01/86
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAC-97-130 Milestone Seq: 7340-00-0025 TPA MS NO.: N/A
Title: FY97 REVIEW THE GROUNDWATER PROTECTION MANAGEMENT PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1997 9/30/1997 9/30/1997 PTS: Y SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5400.1, RL 89-12
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

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Milestone No.: RBB-98-210 Milestone Seq: 7340-00-0175 TPA MS NO.: N/A
Title: ISSUE THE FY97 ANNUAL HANFORD NETWORK CATALOG OF SEISMIC EVENTS
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/31/1997 12/31/1997 12/31/1997 PTS: Y SMS: N
Driver Name: DOE Driver Reference: DOE SAFETY ITEM
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAD-98-100 Milestone Seq: 7340-00-0295 TPA MS NO.: N/A
Title: ISSUE FY97 WELL REMEDIATION / DECOMMISSIONING REPORT TO RL
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/31/1997 12/31/1997 12/31/1997 PTS: N SMS: N
Driver Name: RCRA Driver Reference: DOE/WASHINGTON, RCRA, 10/01/86
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAC-98-220 Milestone Seq: 7340-00-0245 TPA MS NO.: N/A
Title: ISSUE CY97 GROUNDWATER MONITORING REPORT TO REGULATORS
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/01/1998 3/01/1998 3/01/1998 PTS: Y SMS: N
Driver Name: RCRA Driver Reference: DOE/WASHINGTON, RCRA, 10/01/86
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBA-98-240 Milestone Seq: 7340-00-0120 TPA MS NO.: N/A
Title: CY97 TRANSMIT EIS/ODIS DATA TO INEL
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/31/1998 3/31/1998 3/31/1998 PTS: Y SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5484.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

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Milestone No.: RBA-98-330 Milestone Seq: 7340-00-0380 TPA MS NO.: N/A
Title: ISSUE CY97 ANNUAL AIR EMISSIONS REPORT TO EPA
Planning Date Target Date Decrement Date Level: FO Keyword: O
6/30/1998 6/30/1998 6/30/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: 40 CFR 61, Subpart H
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBA-98-260 Milestone Seq: 7340-00-0580 TPA MS NO.: N/A
Title: CY97 ISSUE ANNUAL REPORT ON GASEOUS & LIQUID EFFLUENT DISCHARGE
Planning Date Target Date Decrement Date Level: FO Keyword: O
7/31/1998 7/31/1998 7/31/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5400.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBA-98-250 Milestone Seq: 7340-00-0590 TPA MS NO.: N/A
Title: CY97 ISSUE ANNUAL REPORT ON ENVIRONMENTAL SURVEILLANCE
Planning Date Target Date Decrement Date Level: FO Keyword: O
7/31/1998 7/31/1998 7/31/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5484.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAC-98-130 Milestone Seq: 7340-00-0030 TPA MS NO.: N/A
Title: FY98 REVIEW THE GROUNDWATER PROTECTION MANAGEMENT PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1998 9/30/1998 9/30/1998 PTS: Y SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5400.1, RL 89-12
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

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Milestone No.: RBB-99-210 Milestone Seq: 7340-00-0180 TPA MS NO.: N/A
Title: ISSUE THE FY98 ANNUAL HANFORD NETWORK CATALOG OF SEISMIC EVENTS
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/31/1998 12/31/1998 12/31/1998 PTS: Y SMS: N
Driver Name: DOE Driver Reference: DOE SAFETY ITEM
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAD-99-100 Milestone Seq: 7340-00-0300 TPA MS NO.: N/A
Title: ISSUE FY98 WELL REMEDIATION / DECOMMISSIONING REPORT TO RL
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/31/1998 12/31/1998 12/31/1998 PTS: N SMS: N
Driver Name: RCRA Driver Reference: DOE/WASHINGTON, RCRA, 10/01/86
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAC-99-220 Milestone Seq: 7340-00-0035 TPA MS NO.: N/A
Title: ISSUE CY98 GROUNDWATER MONITORING REPORT TO REGULATORS
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/01/1999 3/01/1999 3/01/1999 PTS: Y SMS: N
Driver Name: RCRA Driver Reference: DOE/WASHINGTON, RCRA, 10/01/86
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBA-99-240 Milestone Seq: 7340-00-0045 TPA MS NO.: N/A
Title: CY98 TRANSMIT EIS/ODIS DATA TO INEL
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/31/1999 3/31/1999 3/31/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5484.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

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Milestone No.: RBA-99-330 Milestone Seq: 7340-00-0040 TPA MS NO.: N/A
Title: ISSUE CY98 ANNUAL AIR EMISSIONS REPORT TO EPA
Planning Date Target Date Decrement Date Level: FO Keyword: O
6/30/1999 6/30/1999 6/30/1999 PTS: Y SMS: N
Driver Name: CAA Driver Reference: 40 CFR 61, Subpart H
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBA-99-260 Milestone Seq: 7340-00-0055 TPA MS NO.: N/A
Title: CY98 ISSUE ANNUAL REPORT ON GASEOUS & LIQUID EFFLUENT DISCHARGE
Planning Date Target Date Decrement Date Level: FO Keyword: O
7/31/1999 7/31/1999 7/31/1999 PTS: Y SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5400.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RBA-99-250 Milestone Seq: 7340-00-0060 TPA MS NO.: N/A
Title: CY98 ISSUE ANNUAL REPORT ON ENVIRONMENTAL SURVEILLANCE
Planning Date Target Date Decrement Date Level: FO Keyword: O
7/31/1999 7/31/1999 7/31/1999 PTS: Y SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5484.1
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAC-99-130 Milestone Seq: 7340-00-0145 TPA MS NO.: N/A
Title: FY99 UPDATE THE GROUNDWATER PROTECTION MANAGEMENT PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1999 9/30/1999 9/30/1999 PTS: Y SMS: N
Driver Name: DOE Driver Reference: DOE ORDER 5400.1, RL 89-12
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

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Milestone No.: RAD-00-100 Milestone Seq: 7340-00-0010 TPA MS NO.: N/A
Title: ISSUE FY99 WELL REMEDIATION / DECOMMISSIONING REPORT TO RL
Planning Date Target Date Decrement Date Level: FO Keyword: O
12/31/1999 12/31/1999 12/31/1999 PTS: Y SMS: N
Driver Name: RCRA Driver Reference: DOE/WASHINGTON, RCRA, 10/01/86
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAC-96-220 Milestone Seq: 7340-00-0225 TPA MS NO.: N/A
Title: ISSUE CY95 GROUNDWATER MONITORING REPORT TO REGULATORS
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/01/1996 3/01/2001 3/01/2006 PTS: Y SMS: N
Driver Name: RCRA Driver Reference: DOE/WASHINGTON, RCRA, 10/01/86
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

NARRATIVE

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Technical Scope Summary(Limit 15 line or less):

Monitor, maintain, remediate, and decommission groundwater monitoring wells around the Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal (TSD) Facilities and the remaining operational facilities on the Hanford site. Perform near-field surveillance of land surface, and liquid and gaseous effluents in the 200 and 600 Areas to identify and limit the spread of surface contamination or unintentional releases and maintain the areas safe for personnel entry. Periodically maintain the surveillance equipment and upgrade equipment and procedures as required.

Technical Scope Detail(Limit 104 lines or less):

This activity data sheet (ADS) encompasses activities for RCRA and Operational Monitoring (ROM) outside the purview of active or standby facilities. The activities which comprise this scope are described below:

AA - PROGRAM MANAGEMENT

This activity provides management for the RCRA and Operational

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Groundwater Monitoring Programs and RCRA Groundwater Well installations. Response and interaction with the DOE, regulatory agencies, and other programs is a daily routine. Associated budget reviews and procurement of replacement capital equipment is also supported.

AC - GROUNDWATER MONITORING

This Activity consolidates the groundwater monitoring sampling, analysis, and reporting and associated purgewater collection, transportation, storage, and disposal associated with the Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal (TSD) Facilities and the remaining operational facilities at Hanford site.

AD - GROUNDWATER WELL MAINTENANCE AND DECOMMISSIONING

The well remediation / decommissioning objective of this Activity is to coordinate and perform activities associated with the remediation, upgrading and decommissioning of groundwater monitoring wells and vadose wells, on the Hanford Site. The well maintenance objective includes performing routine and non-routine maintenance on groundwater/vadose monitoring and observation wells on the Hanford Site.

AZ - MONITOR AND ASSESS BASINS

The objective of this Activity is to monitor and assess liquid effluent irradiated fuel storage basins, both active and inactive, located in the 100 and 300 Areas which are adjacent to the Columbia River and contain hazardous and/or radioactive liquids. This assessment is to evaluate the potential for impact to the groundwater and ultimately the Columbia River. This activity is unfunded.

BA - EFFLUENT MONITORING

The objective of this Activity is to develop, administer, maintain and report on environmental monitoring and surveillance efforts in the 200 and 600 areas of the Hanford Site. The results of this activity are intended to prevent near-term adverse impacts to workers, the public and the environment. Effluent samplers and ambient air monitors are maintained, routine sampling of soil, vegetation, and surface water is conducted and National Emission Standards for Hazardous Air Pollutants (NESHAP) compliance issues are addressed.

BB - ENVIRONMENTAL MONITORING

The objective of this Activity is to ensure the cribs, ponds and
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ditches which receive waste water are maintained and monitored. Air and water surveys, of stabilized sites, are performed to monitor and quantify radioactive contamination spread and initiate vadose zone (subsurface and above the water table) monitoring. Continuous operation, monitoring, analysis and reporting of the Hanford seismic network and University of Washington - Eastern Washington seismic network produces information that would otherwise not be available.

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

The program has performed RCRA and Operational monitoring under various titles since the early days of site activity. Years of development have resulted in a repeated set of annual tangible deliverables as indicated below:

- Annual Activity Data Sheets, Multi-Year Program Plan and Fiscal Year Work Plan
- Annual Report for Operational Groundwater Monitoring at Hanford
- Quarterly Groundwater Report for RCRA Facilities
 - Annual Calendar Year Groundwater Monitoring Report
- Installation of the number of wells agreed to by Washington State Department of Ecology (WDOE) / United States Department of Energy (DOE) / United States Environmental Protection Agency (EPA)
 - Annual Hanford (Seismic) Network Catalog
 - Annual Environmental Surveillance Report
 - Annual Report of Gaseous & Liquid Effluent Discharges
- Annual Transmittal of EIS / ODIS data to Idaho National Engineering Labs
 - Annual Hanford Air Emissions Report to EPA
 - Quarterly Environmental Radiological Monitoring Report

The RCRA and Operational Monitoring Program continues to provide both tangible and intangible deliverables. Activities such as environmental surveillance continued to identify and oversee correction of 'near-field' conditions in the 100, 200, 300 and 600 Areas that could threaten environment, safety and health. 'Near-field' monitoring is the second line of defense against releases which could harm workers, the environment, and the public. Operating facilities are required to provide the first line of defense by funding and performing internal monitoring for process control purposes, to protect workers, and prevent releases. 'Far-field' measurements at and beyond the site boundary provide the third line of defense and are performed independently by the site research contractor under a different ADS.

Other significant intangible deliverables include:

- Program Management support required for interfacing with the DOE, EPA, and the WDOE.
- Providing validated groundwater data to the Hanford Environmental

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Information System (HEIS).

- Replacing and upgrading equipment and vehicles used by the program.

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 Presidents's budget is \$1,000K, resulting in a new total of \$24,598K. These adjustments may require a FY 1995 budget amendment.

Funded at the Planning Case (Case I) level, the program would continue to perform the tangible and intangible annual deliverables referenced above. Planning includes incremental changes as follows:

- Increase well sampling and analysis requirements as the number of serviceable wells increases in support of TSD facility requirements. ▪ Support for the NESHAP Compliance Order will increase as an 18 month effort to perform the front-end engineering studies begins. ▪ Efforts to identify and decommission Non-serviceable or Orphan Wells will increase as the issue gains visibility and is included in the sitewide permit.

Funded at the Target Case (Case II) level, the program would include incremental changes to the Planning Case as follows:

- Funding would reduce decommissioning scope by an amount sufficient to decommission approximately 33 wells.
- Groundwater sampling and analysis to test methods which promise more effective and less costly work will be curtailed due to lack of funding.
- Engineering study funds under program management would be eliminated.
- Revised Facility Effluent Monitoring Plans that may be required are not funded.

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

Funded at the Planning Case (Case I) level, the program would continue to perform the tangible and intangible annual deliverables referenced above. Planning includes incremental changes as follows:

- Increase well sampling and analysis requirements as the number of serviceable wells increases in support of Treatment, Storage, and Disposal (TSD) facility requirements.
- Support for the NESHAP Compliance Order will change as an 18 month effort to perform the front-end engineering studies end and NESHAP Capital Equipment Not Related to Construction (CENRTC) spending ends. ▪ Efforts to identify and decommission Non-serviceable or Orphan Wells will increase as the issue gains visibility. It is anticipated that non-RCRA compliant

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operational wells will no longer be in the sampled monitoring network. The draft sitewide permit, as written, may trigger the beginning of an 8 year program to decommission wells identified in this category.

- Significant essential functions necessary to effective monitoring are eliminated or curtailed at the target level budget.

Funded at the Target Case (Case II) level, the program would include incremental changes to the Planning Case as follows:

- Funding for the expense support for well drilling is eliminated. No groundwater wells could be drilled in support of M-24-00. ▪ A substantial portion of reporting and data management scope is removed. Data gathered will be stored for future reporting, without further analysis.
- Groundwater project scientist support is eliminated. Technical review of groundwater information, interpretation of data, and development of assessment plans if required are not funded.
- Management and general support of groundwater activities are not funded. Self-assessment, audit support, reviews and drills are not covered.
- All expense support for groundwater well drilling and even though it is anticipated that existing budget authorization for the technical needs for new wells will be sufficient, no wells can be drilled without expense support.
- Air emissions reports for site facilities required by the Clean Air Act are not supported.
- Proactive well decommissioning work is terminated, with a small amount of funding remaining to support emergency needs to decommission wells which may pose an immediate threat to the environment if not remediated or decommissioned.
- Line item capital and supporting expense to support the 'up to 50' well installation maximum legal requirement of the Tri-Party Agreement are not supported.
- Small project capital Line Item funding for monitoring system projects for NESHA compliance are not funded here. There is no other known funding for these compliance projects.

Funded at the Decrement Case (Case III) level, the program would include incremental changes to the Planning Case as follows:

- ALL THE ITEMS MISSING FROM THE PROGRAM AT THE TARGET LEVEL AS MENTIONED ABOVE WOULD STILL BE MISSING. and in addition: ▪ Reporting and data management for RCRA groundwater monitoring is zeroed. ▪ Monitoring and maintenance of active cribs, ponds and ditches in this program is terminated.
- Almost half the funds for groundwater well sampling and analysis are not available. A substantial portion of the required sampling and analysis would not take place. Any data collected would not be further processed.

The decrement case entails substantial omission of legally required monitoring of groundwater and no support for knowledgeable analysis of any

~~NARRATIVE Continued~~

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data gathered. Well installation to correct for any wells which become unusable because of changed groundwater flow directions or level is not done, resulting in direct violation of Tri-Party agreement Milestone M-24-00 in 1996. Any major change requiring installation anywhere close to the 'up to 50' wells in M-24-00 is completely unsupported.

The Decrement Case entails substantial dismantlement of the program. Recovery from the loss of experienced personnel and the discontinuity of data collection will not be immediate if funding is restored in later years. Detailed assessment of the effect can be made if decrement case funding becomes a reality, but the initial analysis shows there will be a substantial incapacity and a necessary repetition of collection of data for which a statistically acceptable baseline is not yet established.

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

Funded at the Planning Case (Case I) level, the program would continue to perform the tangible and intangible annual deliverables referenced above. Planning includes incremental changes as follows:

- Increase well sampling and analysis requirements as the number of serviceable wells increases in support of TSD facility requirements. ▪ Support for the NESHAP Compliance Order will peak as front-end engineering studies end and NESHAP Capital funded modifications are implemented and finished.
- Efforts to identify and decommission Non-serviceable or Orphan Wells will increase as the issue gains visibility. The draft sitewide permit, as written, triggers the beginning of an 8 year program to decommission wells identified in this category.

Funded at the Target Case (Case II) level, the program would include incremental changes to the Planning Case as follows:

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. AA - Program Management activity assumptions:

- The RCRA and Operational Monitoring program will continue to operate in accordance with:
 - The milestones and schedules laid out in the Tri-Party Agreement
 - The interim status rules for treatment, storage and disposal of hazardous waste as required by 40 CFR 265 and as implemented by Washington State codes.
 - The program will continue to grow as air monitoring required by the most recent revisions to the Clean Air Act is implemented at the site during the next two years before stabilizing to satisfy Federal Facility Compliance Agreement.
 - Operational environmental monitoring of the near-field and effluent will continue as a stable operation.

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AC - Groundwater Monitoring activity assumptions:

- Current sampling and analysis regulations will not change. ▪
- Analysis costs will not change from those incurred under existing contracts. Recent history is a 40% unit price increase in 1993. ▪ Two new sites per year begin groundwater Quality Assessment monitoring with enhanced sampling and analysis that is typically required. ▪ Historical data used to formulate cost, scope and schedules can be accurately extrapolated through the planning period, in spite of differences in sizes of facilities and scope of operations. AD - Groundwater Well (GW) Maintenance and Decommissioning activity assumptions:

- The level of support to maintain the existing GW monitoring is constant in total.
- Starting in FY 94 and thereafter funds are made available to abandon non-functional wells as prescribed by regulations.
- Extensive well remediation will not exceed \$40K per well, on average.
- User organizations define well monitoring needs and obtain regulatory compliance in a timely manner.
- Support contractors can provide the required resources when needed. ▪ Permit conditions requiring near-term decommissioning of all unused wells are not adopted as proposed.

BA - Effluent Monitoring and BB- Environmental Monitoring activities: ▪
Legal and prudent surveillance requirements will not be changed. ▪ When funds become available from discontinued monitoring activities they will be used to fund activities whose scope was reduced based on limited available funding, where appropriate.

Supporting Documents(Limit 5 lines or less):

Details are found in the TDD Subactivities. Regulatory drivers generally include Occupational Safety and Health Administration (OSHA), Resource Conservation and Recovery Act (RCRA), Code of Federal Regulations (CFR), Washington Administrative Codes (WAC), Clean Air Act, Clean Water Act, and other governing laws, regulations, and rules carrying penalties and fines.

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
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DESCRIPTION OF REGULATORY DRIVERS Continued

CAA:

Both radioactive and nonradioactive air emissions are discharged to the atmosphere from facilities at Hanford. Requirements to monitor and report annually are accomplished through this ADS.

RCRA:

Treatment, Storage and Disposal (TSD) facilities require a RCRA compliant groundwater monitoring system in order to operate and for closure and post closure monitoring. This ADS establishes and monitors groundwater monitoring systems for TSDs.

TRI:

The TRI is the Washington State authority to interpret, and enforce RCRA regulation.

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Operations Office: RL ID No.: 7340- 1 Revision Date: 4/25/1994
 ADS Title: ENVIR MONITORING-RCRA GW MON WELL INSTALLATION
 WBS No.: 1.3.7.6.8 Category: WM Appr.:
 Project Title: ENVIRONMENTAL MONITORING Facility/WAG: HANFORD
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: 93D18000 TPC: 51150 TEC: 45523
 Contig: 6358
 CNTR Manager: THOMPSON, RR Phone: 509-376-9988
 O.O. Manager: HENNIG, JM Phone: 509-376-1366
 H.Q. Manager: CHOU, G Phone: 301-903-7159
 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: N
 DOE: N IAG: N OSHA: N ORD: N ST : N TRI : Y FED : N 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	600		A	0	0	11,125	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	600		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	0	0	11,125	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	636	655	675	695
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	2,000	1,982	2,000
TOTAL	0	636	2,655	2,657	2,695

FTEs	FY94	FY95			
Direct	0	4			
Indirect	0	3			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	0	4	4	4	4
Indirect	0	3	3	3	3
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	2,125	2,189	2,255	2,323	2,392
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	9,000	3,018	2,000	1,982	2,000
TOTAL	11,125	5,207	4,255	4,305	4,392

FTEs	FY94	FY95			
Direct	0	13			
Indirect	0	10			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	13	13	13	13	13
Indirect	10	10	10	10	10
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SITE SUPPORT-NFP				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AG				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: RCRA GROUNDWATER MONITORING WELL							
APPROP: D							
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	B	C	D
EW3130030	0	600		0	0	11,125	0
35EW31303	0	0		0	0	0	0
39EW31303	0	0		0	0	0	0
39EW31303	0	0		0	0	0	0
TOTAL	0	600		0	0	11,125	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130030	0
35EW31303	0
39EW31303	0
39EW31303	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	0	636	655	675	695
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	0	0	2,000	1,982	2,000
TOTAL	0	636	2,655	2,657	2,695

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130030	2,125	2,189	2,255	2,323	2,392
35EW31303	0	0	0	0	0
39EW31303	0	0	0	0	0
39EW31303	9,000	3,018	2,000	1,982	2,000
TOTAL	11,125	5,207	4,255	4,305	4,392

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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 7340 1
Title: ENVIR MONITORING-RCRA GW MON WELL INSTALLATION
Transferred in its entirety: Y
Explanation of Change:
ADS RETITLE TITLED TO MATCH NEW PROGRAM TITLE. THIS IS A TITLE CHANGE ONLY

MILESTONES

Milestone No.: RAG-94-330 Milestone Seq: 7340-01-0015 TPA MS NO.: M-24-30
Title: M-24-30 INSTALL 1 MORE RCRA WELL BY 1325-N CRIB
Planning Date Target Date Decrement Date Level: HQ Keyword: O
12/31/1993 12/31/1993 12/31/1993 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: DOE/EPA/WASHINGTON 5/15/89
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:

Milestone No.: RAG-94-331 Milestone Seq: 7340-01-0020 TPA MS NO.: M-24-31
Title: M-24-31 INSTALL 2 MORE RCRA WELLS BY LOW LEVEL BURIAL GROUNDS (81
Planning Date Target Date Decrement Date Level: HQ Keyword: O
12/31/1993 12/31/1993 12/31/1993 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: DOE/EPA/WASHINGTON 5/15/89
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:

MILESTONES Continued

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Milestone No.: RAG-94-332 Milestone Seq: 7340-01-0025 TPA MS NO.: M-24-32
Title: M-24-32 INSTALL 3 MORE RCRA WELLS BY GROUT TEST FACILITIES (13)
Planning Date Target Date Decrement Date Level: HQ Keyword: O
12/31/1993 12/31/1993 12/31/1993 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: DOE/EPA/WASHINGTON 5/15/89
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:

Milestone No.: RAG-94-305 Milestone Seq: 7340-01-0065 TPA MS NO.: M-24-00E
Title: M-24-00E INSTALL UP TO 50 RCRA GROUNDWATER MONITORING WELLS CY93
Planning Date Target Date Decrement Date Level: HQ Keyword: O
12/31/1993 12/31/1993 12/31/1993 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: DOE/EPA/WASHINGTON 5/15/89
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAG-95-305 Milestone Seq: 7340-01-0070 TPA MS NO.: M-24-00F
Title: M-24-00F INSTALL UP TO 50 RCRA GROUNDWATER MONITORING WELLS CY94
Planning Date Target Date Decrement Date Level: HQ Keyword: O
12/31/1994 12/31/1994 12/31/1994 PTS: Y SMS: N
Driver Name: TRI Driver Reference: DOE/EPA/WASHINGTON 5/15/89
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAG-96-305 Milestone Seq: 7340-01-0075 TPA MS NO.: M-24-00G
Title: M-24-00G INSTALL UP TO 50 RCRA GROUNDWATER MONITORING WELLS CY95
Planning Date Target Date Decrement Date Level: HQ Keyword: O
12/31/1995 12/31/1997 12/31/1999 PTS: Y SMS: N
Driver Name: TRI Driver Reference: DOE/EPA/WASHINGTON 5/15/89
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

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Milestone No.: RAG-97-305 Milestone Seq: 7340-01-0080 TPA MS NO.: M-24-00H
Title: M-24-00H INSTALL UP TO 50 RCRA GROUNDWATER MONITORING WELLS CY96
Planning Date Target Date Decrement Date Level: HQ Keyword: O
12/31/1996 12/31/1997 12/31/1999 PTS: Y SMS: N
Driver Name: TRI Driver Reference: DOE/EPA/WASHINGTON 5/15/89
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAG-98-305 Milestone Seq: 7340-01-0085 TPA MS NO.: M-24-00I
Title: M-24-00I INSTALL UP TO 50 RCRA GROUNDWATER MONITORING WELLS CY97
Planning Date Target Date Decrement Date Level: HQ Keyword: O
12/31/1997 12/31/1997 12/31/1997 PTS: Y SMS: N
Driver Name: TRI Driver Reference: DOE/EPA/WASHINGTON 5/15/89
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAG-99-305 Milestone Seq: 7340-01-0090 TPA MS NO.: M-24-00J
Title: M-24-00J INSTALL UP TO 50 RCRA GROUNDWATER MONITORING WELLS CY98
Planning Date Target Date Decrement Date Level: HQ Keyword: O
12/31/1998 12/31/1998 12/31/1998 PTS: Y SMS: N
Driver Name: TRI Driver Reference: DOE/EPA/WASHINGTON 5/15/89
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: RAG-00-305 Milestone Seq: 7340-01-0005 TPA MS NO.: M-24-00K
Title: M-24-00K INSTALL UP TO 50 RCRA GROUNDWATER MONITORING WELLS CY99
Planning Date Target Date Decrement Date Level: HQ Keyword: O
12/31/1999 12/31/1999 12/31/1999 PTS: Y SMS: N
Driver Name: TRI Driver Reference: DOE/EPA/WASHINGTON 5/15/89
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

MILESTONES Continued

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MILESTONES Continued

Milestone No.: RAG-00-305 Milestone Seq: 7340-01-0010 TPA MS NO.: M-24-00
Title: M-24-00 INSTALL UP TO 50 RCRA GW MONITORING WELLS PER CY AS NEED
Planning Date Target Date Decrement Date Level: HQ Keyword: O
12/31/1999 12/31/1999 12/31/1999 PTS: Y SMS: N
Driver Name: TRI Driver Reference: DOE/EPA/WASHINGTON 5/15/89
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

This is the overall TPA Major Milestone that is expected to be completed concurrent with the completion of M-24-00K.

NARRATIVE

LAST UPDATE: 02-23-1994 TIME: 07:15:07

Technical Scope Summary(Limit 15 line or less):

The objective of this effort is to install groundwater monitoring wells around the Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal (TSD) Facilities and the remaining operational facilities on the Hanford site. This includes the addition of RCRA wells at the rate specified in Tri-Party Agreement Milestone M-24-00.

Technical Scope Detail(Limit 104 lines or less):

This project coordinates all activities associated with the installation of RCRA compliant groundwater monitoring wells installed beginning in FY 93 under Line Item 93-D-180 (93W-GFW-152). Installation of RCRA compliant groundwater monitoring wells is part of the overall groundwater monitoring program which must be in place for waste management facilities to maintain RCRA Part B status compliance and hence, continue to operate. The Tri-Party Agreement stipulates that there will be up to 50 RCRA wells installed each year beginning with CY 91. Well installation is to continue until all operating facilities have monitoring systems that are approved by the regulators. This ADS also provides for additional wells required for assessment monitoring, RCRA and Operational Background Monitoring, and replacement of monitoring wells which go dry or are not useful for other reasons. The activity which supports this scope is described below:

AG - RCRA GROUNDWATER WELL INSTALLATION

- Preparation and issue of approved site specific groundwater monitoring plans.
- Preparation and issue of approved procedures and QA Plans.
- Performance of Cultural Resources Review.
- Preparation of approved data sheets to supplement groundwater well specifications.

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- Material procurement.
- Actual drilling.
- Provide or procure qualified drillers.
- Field supervision of drilling, well installation, well completion and completion of all surface work.
- HPT and site safety support as required.
- All field geology/hydrology activities in support of site characterization, including aquifer testing at new wells.
- Sampling pump procurement, installation and testing.
- Preparation of all documentation resulting from drilling activities.
- Surface completion work required prior to turning wells over for routine monitoring.
- Completion and submittal to project files, all necessary data from groundwater monitoring wells installed under W-017H and W-152.
- Perform engineering studies to support optimum placement and construction of new RCRA wells.
- Provide soils laboratory analyses to support well completion.
- Dispose of wastes generated during well construction, completion and development.

Provision for 25 facility specific groundwater monitoring wells is included (10 in FY 93; five each in FY 94, 95, and 96) to provide monitoring prior to startup for new Treatment, Storage and Disposal facilities being built as part of the Hanford environmental cleanup and to provide assessment monitoring for existing water disposal facilities as required by consent order.

Also, this activity includes the installation of an additional 15 deep wells (five in each FY 94/95/96) in response to Tiger Team finding GW/CF-2 concerning possible physical pathways between the first confined aquifer and the unconfined aquifer and their hydrostatic pressure relationship. Conditions resulting in flow only from the confined to the unconfined aquifer would obviate the necessity for extensive deep drilling at site operable units and RCRA facilities.

A Baseline Change Package for the project was submitted in November 1992 and subsequently approved, to reduce the project scope to the maximum M-24-00 requirement, up to 50 wells per year. The project would still encompass liquid disposal assessment, operational monitoring, permitting and Tiger Team wells if less than 50 wells per year are necessary for M-24-00 requirements.

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

The program has performed RCRA compliant Well Installation activities since FY 89 under two projects. Activities associated with 'Corrective Activities' provided 135 TPA required RCRA Well Installations under Project W-017H with expense funding from ADS 7350-0. Corrective Activities funding ceased in FY93 thus closing ADS 7350-0 and shifting the full responsibility to ADS 7340-1 for RCRA Groundwater Well Installation. The specific

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activities included in the installation of wells are those described and listed in the Technical Scope. Tangible deliverables relative to ADS 7340-1 and completed to date are as indicated below:

- A new line item (Project W-152) was approved, construction began and a total of ten wells were drilled in FY 93.
- The Tri-Party Agreement (TPA) was renegotiated resulting in a decrease in the maximum number of annual well drilling commitments to expect.
- TPA major annual milestone M-24-00E completed 12/31/93 with the successful completion of 3 TPA interim milestones M-24-30 through 32.
- Negotiations for TPA major milestone M-24-00F are ongoing and currently include one TPA interim milestone M-24-33.

Other significant intangible deliverables include:

- Program Management expense support required for interfacing with the Department of Energy (DOE), Environmental Protection Agency (EPA), and the Washington State Department of Ecology (WDOE).
- Replacing and upgrading equipment and vehicles used by the program.
- Utilization of FY 93 carryover line item funding will enable continued well installation in FY 94.

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

Funded at the Planning Case (Case I) level, the program would continue to perform the tangible and intangible annual deliverables referenced above. Planning includes incremental changes as follows:

- Further utilization of FY 93 / FY 94 carryover line item funding will enable continued well installation in FY 95.
- Work to satisfy TPA annual major milestone M-24-00F will complete 12/31/94 with the completion of interim milestone M-24-33 and any others agreed to.
- Negotiations and work to satisfy TPA annual major milestone M-24-00G will be ongoing through 12/31/95 with the completion of interim milestone(s) agreed to.
- Installing groundwater monitoring wells at the rate prescribed in the Tri-Party Agreement should result in a compliant network of groundwater monitoring wells for facilities at Hanford.
- Regulators may withhold approval of the network because of changes in the groundwater regime caused by ceasing most discharge of water to the soil on the site. These changes are causing lowering of the water table and changes in flow direction. Wells must be replaced or added as wells go dry or systems become inadequate.
- Insufficient numbers of downgradient wells to monitor the effect of facilities on groundwater is the frequent result of change in flow direction. Other wells become unusable for other reasons and must be replaced.
- Some wells will be required to track groundwater contamination from

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facilities impacting groundwater quality.

- Some wells will be required to obtain background concentrations for virtually all RCRA closure plans.
- Some deep wells will be required to address Tiger Team Finding GW/CF-2 and answer questions by the DOE Tiger Team, the United States Geologic Service (USGS), and the General Accounting Office (GAO) concerning contamination of confined aquifers.
- Some wells will be required to measure the concentrations of some naturally occurring or incoming constituents. Data from these latter wells will address Notices of Deficiency which Ecology has issued against some permitting applications.

Funded at the Target Case (Case II) level, the program would include incremental changes to the Planning Case as follows:

- The lack of operating expense funding necessary for project support activities will, negatively impact the ability to fully utilize the line item carryover, potentially impacting TPA M-24-00 annual milestones.
- The limited expense funding support for Tri-Party Agreement activities will, negatively impact the ability to install other non-TPA required wells as referred to in the planning case above. These wells would need to be pushed back as planning case activities in subsequent years.

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

Funded at the Planning Case (Case I) level, the program would continue to perform the tangible and intangible annual deliverables referenced above. Planning includes incremental changes as follows:

- Work to satisfy TPA annual major milestone M-24-00G will complete 12/31/95 with the completion of interim milestone(s) agreed to.
- Negotiations and work to satisfy TPA annual major milestone M-24-00H will be ongoing through 12/31/96 with the completion of interim milestone(s) agreed to.
- Absorption of the need to install wells as stated in previous years resulting in an accumulation of important but previously unfunded well installations.
- The FY 93 Line Item expires in FY 96 and it is likely that initial monitoring system requirements will have been satisfied by then.

Funded at the Target Case (Case II) level, the program would include incremental changes to the Planning Case as follows:

- The lack of operating expense funding necessary for project support activities will negatively impact the ability to fully utilize the line item carryover and potentially impact TPA M-24-00 annual milestones.

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- The limited expense funding support for Tri-Party Agreement activities will, negatively impact the ability to install other non-TPA required wells as referred to in the planning case above. These wells would need to be pushed back as planning case activities in subsequent years.

Funded at the Decrement Case (Case III) level, the program would include incremental changes to the Planning Case as follows:

- The lack of operating expense funding necessary for project support activities will terminate the ability to utilize the line item carryover and cease well installations of all categories. This would seriously impact TPA M-24-00 annual milestones and other non-TPA, but potential, regulatory concerns.

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

Funded at the Planning Case (Case I) level, the program would continue to perform the tangible and intangible annual deliverables referenced above. Planning includes incremental changes as follows:

- Drilling is expected to continue at a rate equal to 80% of that in the last year of the four year Line Item.
- A new line item might be initiated to continue the support provided by the previous line item and address well installations that went underfunded in previous years.
- Negotiations and work to satisfy TPA annual major milestone M-24-00H through M-24-00K will be ongoing through 12/31/99 with the completion of interim milestone(s) agreed to.

Funded at the Target Case (Case II) level, the program would include incremental changes to the Planning Case as follows:

- The lack of operating expense funding necessary for project support activities will negatively impact the ability to fully utilize the line item carryover and potentially impact TPA M-24-00 annual milestones.
- The limited expense funding support for Tri-Party Agreement activities will, negatively impact the ability to install other non-TPA required wells as referred to in the planning case above. These wells would need to be pushed back as planning case activities in subsequent years.

Impacts/Assumptions(Limit 42 lines or less):

Associated ADS 7340-0 TDD AA - Program Management activity assumptions:

- The RCRA and Operational Monitoring program will continue to operate in accordance with:

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- The milestones and schedules laid out in the Tri-Party Agreement
- The interim status rules for treatment, storage and disposal of hazardous waste as required by 40 CFR 265 and as implemented by Washington State codes.

AG - RCRA Groundwater Well Installation activity assumptions:

- It will continue to be necessary to install up to 50 new RCRA wells per year.
 - Of these, 1/4 will be drilled under hazardous and radioactive conditions.
 - Typical well depths will be similar to those in the central plateau.
 - Fifteen deep characterization wells are estimated as non-hazardous, non-radioactive, but with extensive sampling during drilling.
 - Specific needs for FY 1994 are much less than 50 wells and the program will not proceed with the 15 deep wells in FY 1994.
- New facilities will require normal depth, non-hazardous, non-radioactive wells with sampling.
- Initially identified wells to be installed during 1994 include one (1) well at the Non-Radioactive Dangerous Waste Landfill (M-24-32), three (3) wells at the K West Irradiated Fuel Storage Basin, and as many as seven (7) assessment wells at effluent discharge locations. Washington State Department of Ecology may require additional wells.

Supporting Documents(Limit 5 lines or less):

Details are found in the TDD Subactivities. Regulatory drivers generally include Occupational Safety and Health Administration (OSHA), Resource Conservation and Recovery Act (RCRA), Code of Federal Regulations (CFR), Washington Administrative Codes (WAC), Clean Air Act, Clean Water Act, and other governing laws, regulations, and rules carrying penalties and fines.

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

RCRA:

Treatment, Storage and Disposal facilities require a RCRA compliant groundwater monitoring system in order to operate and for closure and post-closure monitoring. This ADS with supporting Line Item install all RCRA groundwater monitoring wells

TRI:

The Tri-Party Agreement require the installation of up to 50 groundwater monitoring wells per year until a RCRA compliant groundwater monitoring sytem is approved by the Washington Department of Ecology.

DESCRIPTION OF REGULATORY DELIVERABLES Continued

RCRA: Treatment, Storage and Disposal facilities require a RCRA compliant ground-water monitoring system in order to operate and for closure and post-closure monitoring. This ADS with supporting LRA Item details all RCRA groundwater monitoring wells.

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TRI: The Tri-Party Agreement requires the RCRA Agreement to be approved by the Washington Department of Ecology. The Tri-Party Agreement requires the RCRA Agreement to be approved by the Washington Department of Ecology. The Tri-Party Agreement requires the RCRA Agreement to be approved by the Washington Department of Ecology.

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Operations Office: RL ID No.: 7350- 0 Revision Date: 4/25/1994
 ADS Title: CORRECTIVE ACTIVITIES - ENVIRONMENTAL SURV. & MONITORING
 WBS No.: 1.3.6.5.5 Category: Appr.:
 Project Title: GENERAL PLANT PROJ. CORR Facility/WAG: HANFORD
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: TPC: 0 TEC: 0
 Contig: 0
 CNTR Manager: THOMPSON, RR Phone: 509-376-9988
 O.O. Manager: HENNIG, JM Phone: 509-376-1366
 H.Q. Manager: CHOU, G Phone: 301-903-7159
 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: N SDWA: N RCRA: Y 3004U: N TSCA: N CERCLA: N NEPA: N
 DOE: Y IAG: N OSHA: N ORD: N ST : N TRI : Y FED : N 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	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

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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	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

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Budget Detail Profile

DESC:							FY96 DRIVER CATEGORY			
SUB-DESC:	PROGRAM:	SUBACT:				DECREMENT	TARGET	PLAN	IMM RISK	
TITLE:										
APPROP:										
						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
						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	0	0				TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
	0
	0
	0
	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	0	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: 7350-00-0060 TPA MS NO.: M-24-29
Title: M-24-29 ECOLOGY IDENTIFY 4 MORE TO BE DETERMINED (TBD) RCRA WELLS
Planning Date Target Date Decrement Date Level: HQ Keyword: O
3/31/1992 3/31/1999 3/31/1999 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: DOE/EPA/WASHINGTON 5/15/89
PRESENT IN Tiger Team: N Program Execution Guidance: Y
Roadmap: N Current Year Workplan: Y Safety and Health: N

Description:

This is an Ecology milestone that merely holds open the option to request more wells. There are no actions required on the part of DOE or WHC to complete this milestone.

NARRATIVE

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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01. TECHNICAL SCOPE

Two principal activities which ended after FY 92 are included, namely RCRA

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GROUNDWATER WELL INSTALLATION AND DEVELOPMENT, SUBACTIVITY AB, under the Hanford Environmental Compliance (HEC) Project W-017H and AIR PERMITTING/COMPLIANCE (FEMP), SUBACTIVITY BD.

RCRA WELL INSTALLATION AND DEVELOPMENT AB is driven by the Tri-Party Agreement at a rate of up to 50 wells per year. The existing Line Item ended and authorized capital was expected to be spent by the end of FY 92. Well installation for Tri-Party Agreement requirements continues in FY 93 under ADS 7340-01. This ADS provides expense support for the following activities:

- Geophysical logging to scan each well drilled before final completion activities.
- Health Physics Technician support to drilling to verify clean conditions at each well on a daily basis and continues monitoring when contamination is encountered in a well to prevent spread of contamination and endangerment of personnel.
- Quality Assurance to verify that the well installation meets specifications, that records accurately report construction and that the well is built to meet data quality objectives.
- Predrilling procedures and documentation are prepared including groundwater monitoring plans, representations to obtain concurrence of regulators, sampling requirements and specific well design data. Well sites are established.
- Well completion records are the basis for a permanent documentation of what is in the well.
- Well site geologists are present from the start of drilling until the finish of development to provide the scientific observations and direction required. Hydrologists participate in sample pump installations. - Waste generated from drilling operations is regulated. Drill cuttings, rinse water, bailing water and other wastes are documented, analyzed, and disposed of according to complex procedures.

AIR PERMITTING/COMPLIANCE (FEMP) SUBACTIVITY BD, scope includes final effort to submit Facility Effluent Monitoring Plans, FEMPs, and initial activity to implement monitoring additions as recommended in the FEMPs. B Plant, Solid Waste, and Tank Farms are funded for their activities to bring compliance with NESHAPS requirements of the Clean Air Act.

02. ACT. COMP TO DATE

RCRA GROUNDWATER MONITORING WELL INSTALLATION AND DEVELOPMENT, AB, has proceeded with this project since FY 89 and resulted in the installation of 29 wells in CY 89, 30 wells in CY 90, and 50 wells in CY 91 to meet all the interim milestones and the annual major milestone requirements. Groundwater monitoring plans for all but a handful of the RCRA Treatment, Storage and Disposal sites have been prepared.

AIR PERMITTING/COMPLIANCE (FEMP) has proceeded with the required FEMP determinations for Waste Operations facilities at the end of 1990,

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~~NARRATIVE Continued~~

preparation of the required FEMPs for three facilities, namely B Plant, Tank Farms and the 340 Solid Waste Facility.

03. CUR YR FY93 DESC

Complete CY92 groundwater drilling requirements and followup documentation. No new workscope is planned under this ADS. Appropriate funding of this activity requires approval to use unused funds carried over into FY93

04. BUD YR FY94 DESC

NONE

05. PLN YR FY95 DESC

NONE

06. OUT YR FY96-99 DESC

NONE

07. KEY ASSUMPTIONS

All carry over workscope is complete in FY93 and no new workscope is required from this ADS.

08. KEY ISSUES AND UNCER

NONE

09. REG DRVS/SCOPE/CONSE

The base regulations driving the installation of wells are those spelled out in RCRA 40 CFR 265, Subpart F, further delineated in state regulations for dangerous waste, WAC 173-303, and well construction, WAC 173-160. Rate of well installation to reach compliance is covered under M-24-00 in the Tri-Party Agreement. Further definition is included in the Environmental Protection Agency Technical Enforcement Guidance Document.

Consequences of non-compliance can include fines, cessation of operations and imprisonment.

10. LEGAL NOT IN TARGET

Target does not include any expenditure in FY93. Some of the work was not completed until FY93, therefore funding is required for completion of the scope budgeted for FY 92.

11. MGMT PRAC NOT IN TAR

NONE

DESCRIPTION OF REGULATORY DRIVERS

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

TRI:

The Tri-Party Agreement in conjunction with Washington State authorization to enforce RCRA requires the installation of up to 50 groundwater monitoring wells per year until a compliance GW monitoring system is approved by the state.

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DESCRIPTION OF REGULATORY DRIVER CONTINUED

TR1:
The Tri-Party Agreement in conjunction with Washington State authorization
to enforce RCRA requires the installation of up to 50 groundwater
monitoring wells per year until a compliance GW monitoring system is
approved by the state.

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Operations Office: RL ID No.: 7360- 0 Revision Date: 4/22/1994
 ADS Title: ENVIRON SUPPORT - INVENTORIES MANAGMENT
 WBS No.: 1.5.2 Category: WM Appr.:
 Project Title: SUPPORTING TECHNOLOGIES, Facility/WAG: SITE-WIDE APPLICABILITY
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: NONE TPC: TEC:
 Contig: 0
 CNTR Manager: AGEE, RB Phone: 509-376-7984
 O.O. Manager: HOLT, RG Phone: 509-376-6340
 H.Q. Manager: BODA, J 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: N
 DOE: Y IAG: N OSHA: N ORD: N ST : N TRI : N FED : N 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	3,095	2,701		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	2,233	2,627	3,972	2,819
TOTAL	3,095	2,701		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	2,233	2,627	3,972	2,819

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	2,233
CE	0
GPP	0
LI	0
TOTAL	2,233

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TARGET LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	2,627	3,115	3,181	3,240	3,309
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	2,627	3,115	3,181	3,240	3,309

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

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	12	12	12	12	12
Indirect	9	9	9	9	9
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)					
B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	3,972	4,094	4,572	4,501	4,584
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	3,972	4,094	4,572	4,501	4,584

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

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	14	14	14	14	14
Indirect	11	11	11	11	11
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: COMMON USE STORES						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: COAL - INVENTORY CHANGE									
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
EW3180010	285	27			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
					I	0	0	0	0
TOTAL	285	27			TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3180010	0
	0
	0
	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: COMMON USE STORES						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AB						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: ESSENTIAL MATERIALS & CHEMICALS									
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
EW3180010	35	25			E	21	25	19	19
	0	0			F	0	0	0	0
	0	0			G	0	0	0	0
	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	35	25			TOTAL	21	25	19	19

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3180010	21
	0
	0
	0
TOTAL	21

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	25	35	35	35	35
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	25	35	35	35	35

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	19	23	20	70	27
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	19	23	20	70	27

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Budget Detail Profile

DESC: COMMON USE STORES						FY96 DRIVER CATEGORY									
SUB-DESC: PROGRAM: EM SUBACT: AC						DECREMENT	TARGET	PLAN	IMM RISK						
TITLE: GENERAL SUPPLIES & COMPUTERS - I															
APPROP: D															
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D	E	F	G	H	I
EW3180010	200		215				0	0	0	0	166	195	237	237	0
	0		0				0	0	0	0	0	0	0	0	0
	0		0				0	0	0	0	0	0	0	0	0
	0		0				0	0	0	0	0	0	0	0	0
TOTAL	200		215				166	195	237	237	166	195	237	237	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3180010	166
	0
	0
	0
TOTAL	166

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	195	315	315	315	315
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	195	315	315	315	315

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	237	249	262	274	288
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	237	249	262	274	288

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Budget Detail Profile

DESC: COMMON USE STORES						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AD						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: FUELS/MISCELLANEOUS - INVENTORY									
APPROP: D									
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C
EW3180010	21		0				0	0	0
	0		0				0	0	0
	0		0				0	0	0
	0		0				0	0	0
	0		0				0	0	0
	0		0				0	0	0
	0		0				0	0	0
TOTAL	21		0				0	0	0
							TOTAL	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3180010	0
	0
	0
	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: COMMON USE STORES						FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AE						DECREMENT	TARGET	PLAN	IMM	RISK
TITLE: MISCELLANEOUS RADIO EQUIPMENT -										
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	0	0	0	0	0
EW3180010	15	5			E	4	5	6	6	6
	0	0			F	0	0	0	0	0
	0	0			G	0	0	0	0	0
	0	0			H	0	0	0	0	0
					I	0	0	0	0	0
TOTAL	15	5			TOTAL	4	5	6	6	6

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3180010	4
	0
	0
	0
TOTAL	4

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	5	5	5	5	5
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	5	5	5	5	5

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	6	7	8	8	10
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	6	7	8	8	10

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DESC: PROCESS SPARES				FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: AF				DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: PROCESS SPARES PARTS - INVENTORY								
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
EW3180040	483	482		E	339	396	1,345	1,345
	0	0		F	0	0	0	0
	0	0		G	0	0	0	0
	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	483	482		TOTAL	339	396	1,345	1,345

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3180040	339
	0
	0
	0
TOTAL	339

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180040	396	600	609	609	618
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	396	600	609	609	618

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180040	1,345	1,391	1,614	1,575	1,645
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	1,345	1,391	1,614	1,575	1,645

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DESC: COMMON USE STORES						FY96 DRIVER CATEGORY									
SUB-DESC: PROGRAM: EM SUBACT: AG						DECREMENT	TARGET	PLAN	IMM RISK						
TITLE: TELECOMMUNICATION SPARE PARTS -															
APPROP: D															
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D	E	F	G	H	I
EW3180010	150		50				0	0	0	0	44	52	85	85	0
	0		0				0	0	0	0	0	0	0	0	0
	0		0				0	0	0	0	0	0	0	0	0
	0		0				0	0	0	0	0	0	0	0	0
TOTAL	150		50				0	0	0	0	44	52	85	85	0
							TOTAL	44	52	85	85	85	85	85	85

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3180010	44
	0
	0
	0
TOTAL	44

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	52	50	50	50	50
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	52	50	50	50	50

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	85	85	85	85	85
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	85	85	85	85	85

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DESC: COMMON USE STORES						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: BA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PROCESS SPARES AND CHEMICAL ADMI									
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
EW3180010	343	385			E	337	396	410	410
	0	0			F	0	0	0	0
	0	0			G	0	0	0	0
	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	343	385			TOTAL	337	396	410	410

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3180010	337
	0
	0
	0
TOTAL	337

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	396	408	420	433	446
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	396	408	420	433	446

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	410	422	435	448	461
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	410	422	435	448	461

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DESC: COMMON USE STORES						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: BB						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PROGRAM 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	0	0	0	0
EW3180010	47	47			E	39	48	48	0
	0	0			F	0	0	0	0
	0	0			G	0	0	0	0
	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	47	47			TOTAL	39	48	48	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3180010	39
	0
	0
	0
TOTAL	39

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	48	50	51	53	54
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	48	50	51	53	54

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	48	50	51	53	54
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	48	50	51	53	54

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DESC: COMMON USE STORES						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: BC						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: SPARES WAREHOUSE ADMINISTRATION									
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
EW3180010	572	563			E	499	584	716	716
	0	0			F	0	0	0	0
	0	0			G	0	0	0	0
	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	572	563			TOTAL	499	584	716	716

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3180010	499
	0
	0
	0
TOTAL	499

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	584	602	620	639	658
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	584	602	620	639	658

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	716	738	760	783	806
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	716	738	760	783	806

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Budget Detail Profile

DESC: COMMON USE STORES						FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: BD						DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: ALLOWANCE FOR LOSS (RESERVES)										
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
EW3180010	235	99				E	81	98	300	0
	0	0				F	0	0	0	0
	0	0				G	0	0	0	0
	0	0				H	0	0	0	0
						I	0	0	0	0
TOTAL	235	99				TOTAL	81	98	300	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3180010	81
	0
	0
	0
TOTAL	81

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	98	198	198	197	197
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	98	198	198	197	197

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	300	300	483	325	300
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	300	300	483	325	300

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DESC: COMMON USE STORES						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: BE						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: WAREHOUSE (OCCUPANCY)									
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
EW3180010	708	804			E	703	827	805	0
	0	0			F	0	0	0	0
	0	0			G	0	0	0	0
	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	708	804			TOTAL	703	827	805	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3180010	703
	0
	0
	0
TOTAL	703

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	827	852	878	904	931
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	827	852	878	904	931

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3180010	805	829	854	880	906
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	805	829	854	880	906

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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 7360 0

Title: ENVIRON SUPPORT - INVENTORIES MANAGEMENT

Transferred in its entirety: Y

Explanation of Change:

SAME

MILESTONES

Milestone No.:	Milestone Seq:	TPA MS NO.:
Title:		
Planning Date	Target Date	Decrement Date
		Level:
		PTS:
		Keyword:
		SMS:
Driver Name:	Driver Reference:	
PRESENT IN	Tiger Team:	Program Execution Guidance:
	Roadmap:	Current Year Workplan:
		Safety and Health:
Description:		

NARRATIVE

LAST UPDATE: 04-22-1994 TIME: 15:09:26

Technical Scope Summary(Limit 15 line or less):

The Waste Operations program has been designated by the U.S. Department of Energy - Headquarters (DOE-HQ; DOE Order 100.3A) as responsible for maintaining inventories for the Hanford Site. Activity involves the administration, controls and planning for inventory items (Subactivities BA-BC); Warehousing for inventory items (Subactivity BE); and the change in inventory levels from

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one year to the next along with its required reserve account (Subactivities AA - AG and BD). Items included as inventory are Coal (AA), Essential Materials/Chemicals (AB), General Supplies (office furniture, computer hardware/software, Patrol supplies, and other common use supplies(AC), Fuels/Miscellaneous (gasoline, weed spray, rail supplies, and road materials) (AD), Miscellaneous Radio Equipment (AE), Process Spares (AF), and Telecommunication spares (AG).

Technical Scope Detail(Limit 104 lines or less):

Inventories Management maintain the minimum required inventory levels (increase/decrease), for the various inventories stated above. This is commensurate with the overall planned objective to reduce inventory categories related to the defense mission and to identify and set up new inventory categories in support of the Environmental Management and Hanford Site mission. Inventory Change covers seven inventory categories and is detailed by the following subactivity Task Description Documents.

AA - Coal - provide fuel for the 200 and 300 Area powerhouses which processes steam for operations and heating of facilities. Coal inventory level is maintained at approximately five-month supply to minimize the impact of coal deliveries to the Hanford Site because of weather, vendor labor strikes, or other unforeseen problems. This supply ensures facility operations are not hindered by the inability to produce steam.

AB - Essential Materials/Chemicals - maintain chemicals and waste drums to ensure uninterrupted safe and efficient operation to Facility Operations, Tank Waste Remediation System and Laboratories. These inventory items are provided to all Hanford contractors on site.

AC - General Supplies - maintain general stores inventories and office furniture/machines for use by all Hanford contractors. Also includes computer hardware and software for Westinghouse.

AD - Fuels/Miscellaneous - provides fuels (gasoline and diesel), road materials and weed chemicals for the continued safe operation of the entire Hanford Site.

AE - Miscellaneous Radio Equipment - includes miscellaneous electronic communications equipment for telecommunications, radios, cellular phones, and microwave networks - providing efficient service to the Hanford Site.

AF - Process Spares - maintain current inventory and procure new and replacement parts to support continuity of operations of

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Waste Operations/Landlord process equipment (does not include funding for Nuclear Facilities; addressed in ADS 4130, 4150 and 4170). Also, this includes procuring spares for new capital equipment and construction projects. Responsibility areas and a point of contact are assigned to each of the following: Redox, Tank Farms, Powerhouse, Landlord, 222-S Laboratory, Grout Facility, Liquid Effluent Retention Facility (LERF), 340 Facility, 200 East/West Fabrication Shops, Water Export, Equipment Maintenance, Electrical Maintenance, Asbestos Abatement, T-Plant, Connector Parts.

AG - Telecommunication Spares - includes spare parts for computers, radios, and microwave network allowing continuing use of telecommunication equipment.

BC - Warehouse Administration - provide services and administrative support for the receipt, storage, issuance and preventative maintenance of inventory items's, convenience storage, shop stock, furniture, spare parts and overtime meals to the Waste Operations to meet programmatic objectives. This includes warehouse personnel to perform all site receiving, warehousing and issuance of spare materials and essential chemicals. (A portion of staff is funded by Nuclear Facilities ADS 4130, 4150 and 4170;).

BA - Process Spares Administration - provides planning, reporting and training requirements which includes identification, cost classification and procurement activities. Also, provides overall inventory management which includes tracking and communicating year-end targets and year-to-date budget status, as well as, interfacing between the Waste Operations program and spare parts point-of-contacts for their specified facilities. (A portion of staff is funded by Nuclear Facilities ADS 4130, 4150 and 4170 - addressed under subactivity BA.)

BB - Program support - provides planning, reporting and control to the Inventories Management function. This include preparation of the Five Year Plan, Building Blocks, Fiscal Year Work Plan, Multi Year Program Plan, Variance Analysis summary, Baseline Change Request, Progress Tracking System reports and Site Management System reports.

BD - Allowance For Loss - inventory activities include a reserve for estimated losses of materials as a result of disposal, excess, shrinkage, deterioration and damage as required by DOE Accounting Practices and Procedures handbook (DOE/CR-0009, Chapter 5).

BE - Occupancy (warehouse) - meet the requirements for cost of

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maintenance and upkeep of the warehousing facilities which store and protect Waste Operations facilities equipment, essential materials/chemicals and process spares.

Proper maintenance of appropriate inventory levels has site wide implications to all other programs on the Hanford Site that utilize inventory items either directly or indirectly through support services.

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

Conversion of inventory class 45 plumbing supplies to Systems Contracting. This class had 430 line items with an average value of \$45,000 on hand. Typically there were 250 to 350 line items issued each month. The customer service level was an average of 85.0% with 2.5 months supply on hand and a turn over ratio of 4.8 turns. When this class was implemented on Systems Contracting, there was a balance on hand value of \$20,000. The transition took one week with inconsequential negative effects on the site customers. Today the vendor maintains a customers service level of 95.0% average with issues of 350 to 450 line items per month.

The conversion of inventory class 57 (laboratory supplies) to Systems Contracting was similar to plumbing. The class has 426 line items with a customer service level of 88.0%, a turn over ratio of 4.3 and a 2.8 months supply on hand. The volume was at 800 line items per month. The estimate was to have a balance on hand value of \$85,000 at the time of turn over. In fact the value was at \$36,000. Today we are receiving an average customer service level of 95.0% with 400 to 500 line items per month. This decrease is due to changes in unit of issue packaging.

Most recently we converted computer supplies class 77 to Systems Contracting. This class operated at a level of \$145,000 value on hand and disbursements of \$80,000. The customer service level averaged at 90.0% and the months supply was at 1.7 with 7.1 turn over ratio. This class contained 173 line items. Since conversion, a customer service level of 95.0% has been obtained. So far the disbursement activity is the same.

All three cases required General Supplies Inventory Control to turn over the materials that were maintained in house and give to an outside vendor to handle. In all three cases the personal conducted their activities in a professional manner to achieve the lowest buy back for the vendor and help the implementation process to be efficient and effective for Westinghouse personnel. The transition period was transparent to the site customers. This demonstrates the ability that General Supplies Inventory Control can handle change in work scope and do it in a total quality

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manner.

During January of 1993 General Supplies took responsibility for the management of class 30 patrol supplies. These materials were stored in the 200 east area in connex boxes and were not maintained on a data base. Items were cataloged, labeled and placed in stock locations. The next step will be to conduct an excessing operation to dispose of overages.

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

Continue safe operations and support of the Hanford Environmental Mission. Meet the increased demands and needs for the many projects and facilities scheduled to come on-line. Manage inventory levels and categories to best support the site. Provide program management support, inventory reserve, and Warehousing support. Continue to review the inventory for obsolescence by conducting the spares annual review. Continue to provide monthly submittal's for SMS and PTS reporting.

Additionally, there are \$54,000,000.00 in projects scheduled for construction completion in FY95, per the Construction Project Management report as defined in the Soft Reporting Database. ADS 7360 will be required to support these projects as they are turned over to the programs for operation. The specific dollar amount required is not known.

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

DECREMENT DESCRIPTION (FY96)

PROCESS SPARES...Provides spare parts for Waste Operations Facilities to ensure continued safe operation. New spares are used to support planned projects, new equipment and plant modification/upgrades...ESSENTIAL MATERIALS...Provides new containers and drums required for solid waste disposal...RADIO EQUIPMENT...Provides radio equipment and associated repair parts. TELECOMMUNICATION SPARES...Provides repair parts for network, workstation and radio equipment. GENERAL SUPPLIES...Provides computer systems/software, office furniture, medical supplies, office supplies, personal safety clothing and general site inventory items. PROCESS SPARES ADMINISTRATION...Provides planning, reporting, and training relative to the administration of Process Spares, Telecommunication Spares, and Essential Materials. This also includes reorders, shelflife control and physical inventory of the above mentioned items, and coordination of the Spares Annual Review. PROGRAM SUPPORT...Monthly reporting for the Progress Tracking System, Site Management System, Activity Data Sheet and Multi Year Program Plan preparation.

~~NARRATIVE Continued~~

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~~NARRATIVE Continued~~

Provides assistance to the Cost Account Managers in each of the above areas including change requests required to document activities affecting the inventory ADS. RESERVE ALLOWANCE...Provides funding for loss, damage and obsolescence of inventory items. WAREHOUSE OCCUPANCY... Provides funding for actual space required for the storage of the Process Spares inventory and warehouse staff. WAREHOUSE ADMINISTRATION...Provides funding for the warehouse administrative staff for the purpose of receiving, transporting and safeguarding of the outer area inventories. PRODUCTIVITY COMMITMENT (10%)...Identified by the by the Westinghouse Program Integration Team (PIT) for the purpose of supporting critical unfunded items. This amount will be spread across each of the program activities described above.

TOTAL DECREMENT CASE...\$2,233K

TARGET DESCRIPTION (FY96)

- PROCESS SPARES...Provides spare parts for Waste Operations Facilities to ensure continued safe operation. New spares are used to support planned projects, new equipment and plant modification/upgrades. \$54K
- ESSENTIAL MATERIALS...Provides new containers and drums required for solid waste disposal. \$4K
- RADIO EQUIPMENT...Provides radio equipment and associated repair parts. \$2K
- TELECOMMUNICATION SPARES...Provides repair parts for network, workstation and radio equipment. \$8K
- GENERAL SUPPLIES...Provides computer systems/software, office furniture, medical supplies, office supplies, personal safety clothing and general site inventory items. \$71K
- PROCESS SPARES ADMINISTRATION...Provides planning, reporting, and training relative to the administration of Process Spares, Telecommunication Spares, and Essential Materials. This also includes reorders, shelflife control and physical inventory of the above mentioned items, and coordination of the Spares Annual Review. \$60K
- PROGRAM SUPPORT...Monthly reporting for the Progress Tracking System, Site Management System, Activity Data Sheet and Multi Year Program Plan preparation. Provides assistance to the Cost Account Managers in each of the above areas including change requests required to document activities affecting the inventory ADS. \$7K
- RESERVE ALLOWANCE...Provides funding for loss, damage and obsolescence of inventory items. \$15K
- WAREHOUSE OCCUPANCY... Provides funding for actual space required for the storage of the Process Spares inventory and warehouse staff. \$126K
- WAREHOUSE ADMINISTRATION...Provides funding for the warehouse administrative staff for the purpose of receiving,

~~NARRATIVE Continued~~

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transporting and safeguarding of the outer area inventories.
\$89K

- PRODUCTIVITY COMMITMENT (10%)...Identified by the by the Westinghouse Program Integration Team (PIT) for the purpose of supporting critical unfunded items. This amount will be spread across each of the program activities described above. (\$42K)
- TARGET CASE TOTAL...\$394K
- PLANNING DESCRIPTION (FY96)
- PROCESS SPARES...Provides spare parts for Waste Operations Facilities to ensure continued safe operation. New spares are used to support planned projects, new equipment and plant modification/upgrades. \$982K
- ESSENTIAL MATERIALS...Provides new containers and drums required for solid waste disposal. (\$6K)
- TELECOMMUNICATION SPARES...Provides repair parts for network, workstation and radio equipment. \$33K
- GENERAL SUPPLIES...Provides computer systems/software, office furniture, medical supplies, office supplies, personal safety clothing and general site inventory items. \$10K
- PROCESS SPARES ADMINISTRATION...Provides planning, reporting, and training relative to the administration of Process Spares, Telecommunication Spares, and Essential Materials. This also includes reorders, shelflife control and physical inventory of the above mentioned items, and coordination of the Spares Annual Review. \$14K
- RESERVE ALLOWANCE...Provides funding for loss, damage and obsolescence of inventory items. \$202K
- WAREHOUSE OCCUPANCY... Provides funding for actual space required for the storage of the Process Spares inventory and warehouse staff. (\$22K)
- WAREHOUSE ADMINISTRATION...Provides funding for the warehouse administrative staff for the purpose of receiving, transporting and safeguarding of the outer area inventories. \$118K

SUB TOTAL PLANNING CASE...\$1,321K

TOTAL DECREMENT+TARGET-PLANNING CASE...\$3,948K

Reduce inventory categories related to the Defense Mission. Set up new inventory categories in support of the Environmental Management mission. Continue the timely disposition and excessing of obsolete inventories. Continue to pursue excellence in operations by maintaining overall system modernization, and efficient administrative processes. Ensure financial reporting is commensurate with the level of monitoring required to maintain financial control of the Waste Operations investment.

Additionally, there are \$69,523,000.00 in projects scheduled for construction completion in FY96, per the Construction Project

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Management report as defined in the Soft Reporting Database. ADS 7360 will be required to support these projects as they are turned over to the programs for operation. The specific dollar amount required is not known.

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

Reduce inventory categories related to the Defense mission. Set up new inventory categories in support of the Environmental Management mission. Continue the timely disposition and excessing of obsolete inventories. Continue to pursue excellence in operations by maintaining overall system modernization, and efficient administrative processes. Ensure financial reporting is commensurate with the level of monitoring required to maintain financial control of the Waste Operations investment.

Additionally, there are \$187,800,000.00 in projects scheduled for construction completion in FY97 and FY98, per the Construction Project Management report as defined in the Soft Reporting Database. ADS 7360 will be required to support these projects as they are turned over to the programs for operation. The specific dollar amount required is not known.

Impacts/Assumptions(Limit 42 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 Presidents's budget is \$3,334 resulting in a new total of \$2,701. These adjustments may require a FY 1995 budget amendment.

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.

Inventories are a requirement od DOE Order 4330.4A as called out in Paragraph 8. Per this order it is the Departments policy that the maintenance management program for all DOE facilities be consistent with this order and that the property in maintained in a manner which promotes operational safety, worker health, environmental protection and compliance, property preservation, and cost effectiveness, while meeting the programmatic mission.

The DOE order maintenance management objectives are to: ensure the reliability, safety, and operability of structures, systems, and components. In addition, to the above requirement, the order also specifies as an objective to: ensure that sufficient

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resources are designated and budgeted in a timely manner to accomplish the maintenance objectives.

DOE Order 4330.4A, Paragraph 3.5.3, identifies effective material control as: practical and is achieved when the right material in the correct quantities are delivered to the job location at the proper time.

If inventories are funded at the Decrement level, then Westinghouse potentially will be in violation of DOE Order 4330.4A...MAINTENANCE MANAGEMENT PROGRAM. In addition, there will be potential violations with regard to the WAC, EPA, CERCLA, RCRA, TRI-PARTY AGREEMENT

Supporting Documents(Limit 5 lines or less):

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:
4330.4A

NARRATIVE Continued
resources are designated and budgeted in a timely manner to accomplish the maintenance objectives.
DOE Order 4330.0A, Paragraph 3.2.1. Identifies effective material control as: practical and is achieved when the right material in the correct quantities are delivered to the job location at the proper time.

If inventories are funded at the Recrement level, then Westinghouse potentially will be in violation of DOE Order 4330.0A, MAINTENANCE MANAGEMENT PROGRAM. In addition, there will be potential violations with regard to the VAC, EPA, GEORGIA, RECA, TRI-PARTY AGREEMENT.

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Supporting documents: 2 lines
Performance Measures: 15 lines (at least):
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 DEVIATIONS

DOE:
4330.0A

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Operations Office: RL ID No.: 8400- 0 Revision Date: 4/21/1994
 ADS Title: HANFORD WM SCIENCE AND TECH AND COMPL OPS (DEFENSE)
 WBS No.: 1.3.7.7.1 Category: WM Appr.: D
 Project Title: HANFORD W.M. SCIENCE & C Facility/WAG: SITE WIDE
 Installation: HANFORD CID: RLO1830 %OVHD: 24
 For Line Item Project: NONE TPC: 0 TEC: 0
 Contig: 0
 CNTR Manager: MASSEY, HD Phone: 509-375-6846
 O.O. Manager: JONES, DK Phone: 509-376-7947
 H.Q. Manager: KEENAN, JJ Phone: 301-903-7121
 Auxiliary Fields: 1, 0 2. 0 3. 0

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 1 MLLW: 0 HAZ: 2 SANT: 0 SNF: 0

REGULATORY DRIVERS

CAA: Y CWA: Y 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: Y
 OTHER 1: Y OTHER 2: Y OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR		FY96 DRIVER CATEGORY			IMM RISK
					DECREMENT	TARGET	PLAN	
OE	24,615	27,849		A	9,883	11,860	12,081	9,866
CE	85	183		B	13,201	13,409	13,970	0
GPP	0	0		C	1,532	2,601	2,820	-1,771
LI	0	0		D	0	0	2,350	0
				E	0	0	0	0
TOTAL	24,700	28,032		F	0	0	712	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	1,089	1,089	0
				TOTAL	24,616	28,959	33,022	8,095

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	24,240
CE	376
GPP	0
LI	0
TOTAL	24,616

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	28,583	29,458	37,817	38,173	39,558
CE	376	406	686	867	598
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	28,959	29,864	38,503	39,040	40,156

FTEs	FY94	FY95
Direct	35	171
Indirect	28	137
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	178	189	211	203	215
Indirect	142	151	169	162	172
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	32,596	31,507	39,416	42,368	43,111
CE	426	406	636	867	598
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	33,022	31,913	40,052	43,235	43,709

FTEs	FY94	FY95
Direct	63	176
Indirect	51	141
Federal	0	0

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	197	198	211	217	229
Indirect	157	159	169	173	183
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SCIENCE AND TECH RES-NFP						FY96 DRIVER CATEGORY						
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK			
TITLE: REFRIGERANT REPLACEMENT PROGRAM												
APPROP: D												
						A	B	C	D	E		
						0	0	0	0	0		
						B	0	0	0	0		
B&R	FY94	APPR	FY95	PRES	FY95	APPR	C	300	300	300		
						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		
TOTAL						0	155	TOTAL	300	300	300	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	127
35EW31304	173
39EW31304	0
39EW31304	0
TOTAL	300

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	127	130	135	139	143
35EW31304	173	178	183	189	195
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	300	308	318	328	338

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	127	130	135	139	143
35EW31304	173	178	183	189	195
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	300	308	318	328	338

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DESC: RICHLAND SCIENCE AND TECH RES-NFP				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: BA				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: STANDARDS/REQUIREMENTS IDENTIFIC							
APPROX: 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
EW3130040	0	0		E	0	0	0
35EW31304	0	0		F	0	0	0
39EW31304	0	0		G	0	0	0
39EW31304	0	0		H	0	0	0
				I	0	1,089	1,089
TOTAL	0	0		TOTAL	0	1,089	1,089

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	0
35EW31304	0
39EW31304	0
39EW31304	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	1,089	1,214	1,316	1,324	1,365
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	1,089	1,214	1,316	1,324	1,365

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	1,089	1,214	1,316	1,324	1,365
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	1,089	1,214	1,316	1,324	1,365

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DESC: RICHLAND SCIENCE AND TECH RES-NFP						FY96 DRIVER		CATEGORY	
SUB-DESC: PROGRAM: EM SUBACT: BB						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: CULTURAL RESOURCES MANAGEMENT									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	203	1,960	1,960	0
					D	0	0	0	0
EW3130040	0	1,940			E	0	0	0	0
35EW31304	0	0			F	0	0	0	0
39EW31304	0	0			G	0	0	0	0
39EW31304	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	1,940			TOTAL	203	1,960	1,960	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	203
35EW31304	0
39EW31304	0
39EW31304	0
TOTAL	203

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	1,960	1,900	1,800	1,600	1,600
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	1,960	1,900	1,800	1,600	1,600

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	1,960	1,900	1,800	1,600	1,600
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	1,960	1,900	1,800	1,600	1,600

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DESC: RICHLAND SCIENCE AND TECH RES-NFP						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: CA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: PUBLIC SAFETY AND RESOURCE PROTE									
APPROP: D									
					A	0	0	0	0
					B	12,557	12,557	12,557	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130040	11,204	12,078			E	0	0	0	0
35EW31304	25	75			F	0	0	0	0
39EW31304	0	0			G	0	0	0	0
39EW31304	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	11,229	12,153			TOTAL	12,557	12,557	12,557	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	12,482
35EW31304	75
39EW31304	0
39EW31304	0
TOTAL	12,557

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	12,482	13,180	13,577	13,992	14,393
35EW31304	75	75	75	75	75
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	12,557	13,255	13,652	14,067	14,468

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	12,482	13,180	13,577	13,992	14,393
35EW31304	75	75	75	75	75
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	12,557	13,255	13,652	14,067	14,468

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DESC: RICHLAND SCIENCE AND TECH RES-NFP						FY96 DRIVER		CATEGORY	
SUB-DESC: PROGRAM: EM SUBACT: CB						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: HANFORD ECOLOGICAL COMPLIANCE AS									
APPROP: D									
					A	0	0	0	0
					B	0	208	769	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130040	0	193			E	0	0	0	0
35EW31304	0	0			F	0	0	0	0
39EW31304	0	0			G	0	0	0	0
39EW31304	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	193			TOTAL	0	208	769	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	0
35EW31304	0
39EW31304	0
39EW31304	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	208	792	815	840	865
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	208	792	815	840	865

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	769	792	815	840	865
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	769	792	815	840	865

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DESC: RICHLAND SCIENCE AND TECH RES-NFP				FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: DA				DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: WASTE MANAGEMENT OPERATIONS (PNL)								
APPROP: D								
			A	3,907	3,907	3,907	3,907	
			B	0	0	0	0	
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	
			D	0	0	0	0	
EW3130040	3,490	3,743	E	0	0	0	0	
35EW31304	60	28	F	0	0	0	0	
39EW31304	0	0	G	0	0	0	0	
39EW31304	0	0	H	0	0	0	0	
			I	0	0	0	0	
TOTAL	3,550	3,771	TOTAL	3,907	3,907	3,907	3,907	

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR. LEVEL
EW3130040	3,879
35EW31304	28
39EW31304	0
39EW31304	0
TOTAL	3,907

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	3,879	4,017	4,172	4,337	4,510
35EW31304	28	28	28	28	28
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	3,907	4,045	4,200	4,365	4,538

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	3,879	4,017	4,172	4,337	4,510
35EW31304	28	28	28	28	28
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	3,907	4,045	4,200	4,365	4,538

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DESC: RICHLAND SCIENCE AND TECH RES-NFP						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: DB						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 324 BUILDING LEGACY WASTE CLEANO									
APPROP: D									
B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	B	C	D	E	F
EW3130040	0	0		0	0	0	0	0	0
35EW31304	0	0		0	0	0	0	0	0
39EW31304	0	0		0	0	0	0	0	0
39EW31304	0	0		0	0	0	0	0	0
TOTAL	0	0		0	0	0	0	0	0
TOTAL						0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	0
35EW31304	0
39EW31304	0
39EW31304	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	0	214	12,034	5,207	5,218
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	0	214	12,034	5,207	5,218

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	0	250	13,000	6,000	6,000
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	0	250	13,000	6,000	6,000

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DESC: RICHLAND SCIENCE AND TECH RES-NFP						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: EA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: RMW STORAGE TANK INSPECTION (PNL)									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	1,536	1,536	1,536	0
					D	0	0	0	0
EW3130040	938	1,368			E	0	0	0	0
35EW31304	0	0			F	0	0	0	0
39EW31304	0	0			G	0	0	0	0
39EW31304	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	938	1,368			TOTAL	1,536	1,536	1,536	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	1,536
35EW31304	0
39EW31304	0
39EW31304	0
TOTAL	1,536

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	1,536	1,464	1,655	1,576	655
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	1,536	1,464	1,655	1,576	655

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	1,536	1,464	1,655	1,576	655
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	1,536	1,464	1,655	1,576	655

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DESC: RICHLAND SCIENCE AND TECH RES-NFP						FY96 DRIVER CATEGORY									
SUB-DESC: PROGRAM: EM SUBACT: FA						DECREMENT	TARGET	PLAN	IMM RISK						
TITLE: 242B/BL AND 2718E LAB SURVEILLAN															
APPROP: D															
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D	E	F	G	H	I
EW3130040	99		92				92	0	92	0	0	0	0	0	0
35EW31304	0		0				0	0	0	0	0	0	0	0	0
39EW31304	0		0				0	0	0	0	0	0	0	0	0
39EW31304	0		0				0	0	0	0	0	0	0	0	0
TOTAL	99		92				92	0	92	0	0	0	0	0	0
							TOTAL	92							

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96	DECR	LEVEL
EW3130040	92		92
35EW31304	0		0
39EW31304	0		0
39EW31304	0		0
TOTAL	92		92

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	92	97	97	104	104
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	92	97	97	104	104

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	92	97	97	104	104
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	92	97	97	104	104

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DESC: RICHLAND SCIENCE AND TECH RES-NFP				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: JA				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: CLEANUP OF PNL LAB IN 242 B/BL A							
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	839	0
EW3130040	0	0	E	0	0	0	0
35EW31304	0	0	F	0	0	0	0
39EW31304	0	0	G	0	0	0	0
39EW31304	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	0	0	TOTAL	0	0	839	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	0
35EW31304	0
39EW31304	0
39EW31304	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	0	0	0	0	0
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	839	818	818	818	0
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	839	818	818	818	0

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DESC: RICHLAND SCIENCE AND TECH RES-NFP						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: KA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: POLLUTION PREVENTION PROGRAM									
APPROP: D									
					A	0	0	0	0
					B	535	535	535	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130040	0	415			E	0	0	0	0
35EW31304	0	50			F	0	0	0	0
39EW31304	0	0			G	0	0	0	0
39EW31304	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	465			TOTAL	535	535	535	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	435
35EW31304	100
39EW31304	0
39EW31304	0
TOTAL	535

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	435	460	475	500	525
35EW31304	100	125	150	175	200
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	535	585	625	675	725

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	435	460	475	500	525
35EW31304	100	125	150	175	200
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	535	585	625	675	725

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DESC: RICHLAND SCIENCE AND TECH RES-NFP				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: LA				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: NEPA COMPLIANCE PROGRAM							
APPROP: D							
			A	0	0	0	0
			B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	576	576	719
			D	0	0	0	0
EW3130040	545	560	E	0	0	0	0
35EW31304	0	0	F	0	0	0	0
39EW31304	0	0	G	0	0	0	0
39EW31304	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	545	560	TOTAL	576	576	719	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	576
35EW31304	0
39EW31304	0
39EW31304	0
TOTAL	576

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	576	593	611	629	648
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	576	593	611	629	648

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	719	733	792	809	862
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	719	733	792	809	862

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DESC: RICHLAND SCIENCE AND TECH RES-NFP						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: MA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: EFFLUENT MONITORING									
APPROP: D									
					A	3,513	3,513	3,513	3,513
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EW3130040	3,246	3,413			E	0	0	0	0
35EW31304	0	0			F	0	0	0	0
39EW31304	0	0			G	0	0	0	0
39EW31304	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	3,246	3,413			TOTAL	3,513	3,513	3,513	3,513

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	3,513
35EW31304	0
39EW31304	0
39EW31304	0
TOTAL	3,513

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	3,513	3,571	3,662	3,757	3,856
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	3,513	3,571	3,662	3,757	3,856

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	3,513	3,571	3,662	3,757	3,856
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	3,513	3,571	3,662	3,757	3,856

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DESC: RICHLAND SCIENCE AND TECH RES-NFP				FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: NA				DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: ESSENTIAL ES&H DRAWINGS								
APPROP: D								
				A	854	854	854	854
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW3130040	807	830		E	0	0	0	0
35EW31304	0	0		F	0	0	0	0
39EW31304	0	0		G	0	0	0	0
39EW31304	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	807	830		TOTAL	854	854	854	854

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	854
35EW31304	0
39EW31304	0
39EW31304	0
TOTAL	854

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	854	878	906	936	966
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	854	878	906	936	966

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	854	878	906	936	966
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	854	878	906	936	966

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DESC: RICHLAND SCIENCE AND TECH RES-NFP					FY96 DRIVER		CATEGORY	IMM RISK
SUB-DESC: PROGRAM: EM SUBACT: OA					DECREMENT	TARGET	PLAN	
TITLE: FACILITIES SAFETY AND CONDUCT OF								
APPROP: D								
				A	0	2,215	2,215	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW3130040	0	2,233		E	0	0	0	0
35EW31304	0	0		F	0	0	0	0
39EW31304	0	0		G	0	0	0	0
39EW31304	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	0	2,233		TOTAL	0	2,215	2,215	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	0
35EW31304	0
39EW31304	0
39EW31304	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	2,215	1,051	934	1,217	2,318
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	2,215	1,051	934	1,217	2,318

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	2,215	1,051	934	1,217	2,318
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	2,215	1,051	934	1,217	2,318

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DESC: RICHLAND SCIENCE AND TECH RES-NFP				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: PA				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: RCRA PERMITTING							
APPROP: D							
			A	0	0	0	0
			B	109	109	109	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0
			D	0	0	0	0
EW3130040	400	400	E	0	0	0	0
35EW31304	0	0	F	0	0	0	0
39EW31304	0	0	G	0	0	0	0
39EW31304	0	0	H	0	0	0	0
			I	0	0	0	0
TOTAL	400	400	TOTAL	109	109	109	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	109
35EW31304	0
39EW31304	0
39EW31304	0
TOTAL	109

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	109	90	75	75	75
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	109	90	75	75	75

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	109	90	75	75	75
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	109	90	75	75	75

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DESC: RICHLAND SCIENCE AND TECH RES-NFP						FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: PC						DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: PRODUCTIVITY COMMITMENT										
APPROP: D										
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D
EW3130040	-900		-4,463				0	0	0	0
35EW31304	0		0				0	0	0	0
39EW31304	0		0				0	0	0	0
39EW31304	0		0				0	0	0	0
TOTAL	-900		-4,463				-3,903	-4,591	-4,591	-4,591

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	-3,903
35EW31304	0
39EW31304	0
39EW31304	0
TOTAL	-3,903

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	-4,591	-7,496	-12,841	-5,795	-5,949
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	-4,591	-7,496	-12,841	-5,795	-5,949

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	-4,591	-7,496	-12,841	-5,795	-5,949
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	-4,591	-7,496	-12,841	-5,795	-5,949

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DESC: RICHLAND SCIENCE AND TECH RES-NFP				FY96 DRIVER		CATEGORY		
SUB-DESC: PROGRAM: EM SUBACT: SA				DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: CsCl LEGACY SAFETY PROGRAM								
APPROP: D								
				A	1,279	1,279	1,500	1,500
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EW3130040	1,200	1,500		E	0	0	0	0
35EW31304	0	0		F	0	0	0	0
39EW31304	0	0		G	0	0	0	0
39EW31304	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	1,200	1,500		TOTAL	1,279	1,279	1,500	1,500

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	1,279
35EW31304	0
39EW31304	0
39EW31304	0
TOTAL	1,279

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	1,279	900	0	0	0
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	1,279	900	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	1,500	900	0	0	0
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	1,500	900	0	0	0

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DESC: RICHLAND SCIENCE AND TECH RES-NFP					FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: TA					DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 324. BUILDING HOT CELL FACILITY S								
APPROP: D								
				A	0	0	0	0
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	2,820	2,820	2,820	2,820
				D	0	0	0	0
EW3130040	2,485	2,750		E	0	0	0	0
35EW31304	0	0		F	0	0	0	0
39EW31304	0	0		G	0	0	0	0
39EW31304	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	2,485	2,750		TOTAL	2,820	2,820	2,820	2,820

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	2,820
35EW31304	0
39EW31304	0
39EW31304	0
TOTAL	2,820

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	2,820	3,000	3,200	3,335	3,502
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	2,820	3,000	3,200	3,335	3,502

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	2,820	3,000	3,200	3,335	3,502
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	2,820	3,000	3,200	3,335	3,502

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DESC: RICHLAND SCIENCE AND TECH RES-NFP						FY96 DRIVER CATEGORY									
SUB-DESC: PROGRAM: EM SUBACT: UA						DECREMENT	TARGET	PLAN	IMM RISK						
TITLE: SMS IMPLEMENTATION															
APPROP: D															
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D	E	F	G	H	I
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
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							0	0	0	0	0	0	0	0	0
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							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
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							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
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							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
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							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
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							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0	0	0	0	0	0	0
							0	0	0						

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Budget Detail Profile

DESC: RICHLAND SCIENCE AND TECH RES-NFP						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: VA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: INTERIM STORAGE OF HBEP IRRADIAT									
APPROP: D									
					A	0	0	0	0
					B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR		C	0	0	76	0
					D	0	0	0	0
EW3130040	0	0			E	0	0	0	0
35EW31304	0	0			F	0	0	0	0
39EW31304	0	0			G	0	0	0	0
39EW31304	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	0	0			TOTAL	0	0	76	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	0
35EW31304	0
39EW31304	0
39EW31304	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	0	572	0	0	0
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	0	572	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	76	496	0	0	0
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	76	496	0	0	0

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DESC: RICHLAND SCIENCE AND TECH RES-NFP						FY96 DRIVER CATEGORY									
SUB-DESC: PROGRAM: EM SUBACT: XA						DECREMENT	TARGET	PLAN	IMM RISK						
TITLE: THERMAL TREATMENT TESTING FACILI															
APPROP: D															
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D	E	F	G	H	I
EW3130040		0		0			0	0	0	0	0	0	0	0	0
35EW31304		0		0			0	0	0	0	0	0	0	0	0
39EW31304		0		0			0	0	0	0	0	0	0	0	0
39EW31304		0		0			0	0	0	0	0	0	0	0	0
TOTAL		0		0			0								

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	0
35EW31304	0
39EW31304	0
39EW31304	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	0	0	0	0	0
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	0	1,131	1,633	2,404	2,557
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	0	1,131	1,633	2,404	2,557

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DESC: RICHLAND SCIENCE AND TECH RES-NFP						FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: YA						DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: 324 BUILDING B-CELL SAFETY CLEAN										
APPROP: D										
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D
EW3130040	1,101		672				238	0	0	0
35EW31304	0		0				0	0	0	0
39EW31304	0		0				0	0	0	0
39EW31304	0		0				0	0	0	0
TOTAL	1,101		672				238	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	238
35EW31304	0
39EW31304	0
39EW31304	0
TOTAL	238

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	0	0	0	0	0
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	0	0	0	0	0
35EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SCIENCE AND TECH RES-NFP				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: ZA				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 300 AREA RH-MW TREATMENT SYSTEM							
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	1,511
EW3130040	0	0		E	0	0	0
35EW31304	0	0		F	0	0	0
39EW31304	0	0		G	0	0	0
39EW31304	0	0		H	0	0	0
				I	0	0	0
TOTAL	0	0		TOTAL	0	0	1,511

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3130040	0
35EW31304	0
39EW31304	0
39EW31304	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	0	2,107	4,451	3,638	3,981
35EW31304	0	0	250	400	100
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	0	2,107	4,701	4,038	4,081

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3130040	1,461	2,107	2,452	3,638	3,981
35EW31304	50	0	200	400	100
39EW31304	0	0	0	0	0
39EW31304	0	0	0	0	0
TOTAL	1,511	2,107	2,652	4,038	4,081

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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: OA.7-6 Date: 11/18/90
Title: 01 REDUCE THE BACKLOG OF AS-BUILTS
Tiger Team Finding Number: A/CF-2 Date: 7/31/90
Title: INADEQUATE ASBESTOS MANAGEMENT
Tiger Team Finding Number: GW/CF-2 Date: 12/31/91
Title: INADEQUATE CHARACTERIZATION OF THE HYDROGEOLOGIC REGIME
Tiger Team Finding Number: IH.1-6B Date: 6/30/91
Title: REQUIREMENTS OF ADEQUATE INDUSTRIAL HYGIENE PROGRAM
Tiger Team Finding Number: IH.3-3B Date: 6/30/91
Title: DEVELOP AND IMPLEMENT A CHEMICAL MONITORING PROGRAM
Tiger Team Finding Number: IH.4-7D Date: 9/30/91
Title: DOCUMENT PROGRAM EXPOSURE MONITORING
Tiger Team Finding Number: OS.2-2 Date: 7/31/90
Title: INCORPORATE AN INTERNAL AUDIT OF OCCUPATIONAL SAFETY PROGRAM

FY95-99 ADS Cross References

ADS #: RL 8400 0
Title: HANFORD WM SCIENCE AND TECH AND COMPL OPS (DEFENSE)
Transferred in its entirety: Y
Explanation of Change:

MILESTONES

Milestone No.: _____ Milestone Seq: 8400-00-0335 TPA MS NO.: M-20
Title: SUBMIT RCRA PERMIT CHANGE CONTROL PACKAGE TO RL
Planning Date Target Date Decrement Date Level: HQ Keyword: O
5/30/1994 5/30/1994 5/30/1994 PTS: Y SMS: Y
Driver Name: TRI Driver Reference: M-20-42;43;44
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
SUBMIT RCRA PERMITTING CHANGE CONTROL PACKAGE TO RL TO COMBINE TPA MILESTONES M-20-42 AND 44 FOR A SINGLE RD&D PERMIT AND REDUCE M-20-43 TPA MILESTONE SCOPE TO INCLUDE ONLY THE 325 HWTU/SAL PART B PERMIT APPLICATION.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 8400-00-0035 TPA MS NO.: NONE
Title: COMPLETE HANFORD SITE ENVIRONMENTAL REPORT FOR PREVIOUS CY
Planning Date Target Date Decrement Date Level: FO Keyword: O
6/01/1994 6/01/1994 6/01/1994 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE ORDERS 5400.1 AND 5400.5
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N

Description:

Annual HSER summarizes compliance status of Hanford Site, describes yearly environ. activities, and provides environ. surveil. data on air, water, food, vegetation and wildlife on/around Hanford Site. Dist. to reg. agencies/public w/RL approval.

Milestone No.: Milestone Seq: 8400-00-0015 TPA MS NO.: NONE
Title: CONSOLIDATE AND OVERPACK ALL UNCONTAINED CsCl IN 324 SMF
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1994 9/30/1994 9/30/1994 PTS: Y SMS: Y
Driver Name: FED Driver Reference: 40 CFR 61 SUBPART H
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

Action needed to resolve safety problem to place all loose pellets and powders in qualified packages and store in the 324 Building.

Milestone No.: Milestone Seq: 8400-00-0060 TPA MS NO.: NONE
Title: COMPLETE 324 BLDG ANNUAL MAINTENANCE & SURVEYS
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1994 9/30/1994 9/30/1994 PTS: Y SMS: Y
Driver Name: FED Driver Reference: 40 CFR 61, SUBPART H
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N

Description:

Maintenance and radiological surveys will be completed each year in the 324 Building Hot Cell Facility.

Milestone No.: Milestone Seq: 8400-00-0070 TPA MS NO.: M-20 SUP
Title: COMPLETE SUCCESSFUL ANNUAL DISPOSITION OF HAZARDOUS & RMW WASTES
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: RCRA Driver Reference: 40 CFR 260-280
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N

Description:

COMPLETE SUCCESSFUL ANNUAL DISPOSITION OF 30,000 KGS OF HAZARDOUS WASTE, 10,000 CU.FT. OF LLW, 200 CU.FT. RMW, AND 100 CU.FT. OF TRU WASTE EVERY FISCAL YEAR.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 8400-00-0095 TPA MS NO.: NONE
Title: SUBMIT ANNUAL REPORT OF ECOLOGICAL COMPLIANCE ASSESSMENT ACTIVITI
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1994 9/30/1994 9/30/2001 PTS: N SMS: N
Driver Name: FED Driver Reference: ENDANGERED SPECIES ACT
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

ANNUALLY ISSUE A REPORT THAT SUMMARIZES THE FISCAL YEAR HANFORD ECOLOGICAL COMPLIANCE ASSESSMENT PROJECT ACTIVITIES.

Milestone No.: Milestone Seq: 8400-00-0100 TPA MS NO.: M-10 SUP
Title: COMPLETE VISUAL INSPECTION OF HAZ WASTE TANKS ROOM 40A, 325 BLDG
Planning Date Target Date Decrement Date Level: FO Keyword: S
9/30/1994 9/30/1994 9/30/1994 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: 40 CFR 264.190
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N

Description:

Remote visual inspection of 3 haz waste tanks, associated piping and secondary containment in Room 40A by robot-mounted video cameras using ASTM pressure vessel code. Videotape recording will complete milestone.

Milestone No.: Milestone Seq: 8400-00-0130 TPA MS NO.: NONE
Title: ISSUE SURVEILLANCE AND MAINTENANCE ANNUAL REPORT
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1994 9/30/1994 9/30/1994 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: 5480.11
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N

Description:

ISSUE AN ANNUAL REPORT ON THE SURVEILLANCE AND MAINTENANCE ACTIVITIES WHICH TOOK PLACE AT 2718E AND 242B/BL FACILITIES.

Milestone No.: Milestone Seq: 8400-00-0230 TPA MS NO.: NONE
Title: SUBMIT ANNUAL REPORT OF NEPA REVIEWS
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1994 9/30/1994 9/30/1994 PTS: Y SMS: Y
Driver Name: NEPA Driver Reference: 40 CFR 1500-1508; 10 CFR 1021
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

THE REPORT ISSUED AT THE END OF EACH FY INCLUDES INFORMATION ON NUMBER OF PROJECTS RECEIVED FOR REVIEW TO DATE AND STATUS INFORMATION ON NEPA DOCUMENTATION AWAITING DOE-RL OR HQ APPROVAL.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 8400-00-0250 TPA MS NO.: NONE
Title: CONDUCT LIQUID EFFLUENT SAMPLING PROGRAM

Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1994 9/30/1994 9/30/1994 PTS: Y SMS: Y

Driver Name: CWA Driver Reference: 40 CFR 122; 40 CFR 61

PRESENT IN Tiger Team: N Program Execution Guidance: N

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

Description:

THIS EFFORT INVOLVES DEVELOPMENT OF LIQUID SAMPLING METHODOLOGY, DATA EVALUATION, AND REPORTING REQUIREMENTS. ALSO INCLUDES INTEGRATION WITH WHC SAMPLING EFFORTS & RESOLVING POTENTIAL PAST-USE PROBLEMS.

Milestone No.: Milestone Seq: 8400-00-0275 TPA MS NO.: NONE
Title: COMPLETE FY94 ONE-LINE DRAWINGS FOR 324 BUILDING

Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1994 9/30/1994 9/30/2001 PTS: Y SMS: Y

Driver Name: FED Driver Reference: 10 CFR 435; 10 CFR 830.110

PRESENT IN Tiger Team: Y Program Execution Guidance: N

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

Description:

COMPLETE 80 ONE-LINE DRAWINGS FOR 324 BUILDING. DRAWINGS ARE REQUIREMENT OF CORRECTIVE ACTION FOR TIGER TEAM FINDING QA.7-6 WHICH CALLS FOR PREPARATION OF ALL ESSENTIAL DRAWINGS.

Milestone No.: Milestone Seq: 8400-00-0305 TPA MS NO.: NONE
Title: DESIGN EMERGENCY SHOWER & EYEWASH IMPROVEMENTS

Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1994 9/30/1994 9/30/1994 PTS: Y SMS: Y

Driver Name: DOE Driver Reference: 6430.1A

PRESENT IN Tiger Team: Y Program Execution Guidance: N

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

Description:

DESIGN OF EYEWASH FLUSH LINES FOR 305-B, 324 AND 325 BUILDINGS.

Milestone No.: Milestone Seq: 8400-00-0350 TPA MS NO.: M-20
Title: SUBMIT 325 RCRA PART B APPLICATION TO RL

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

Driver Name: TRI Driver Reference: M-20-43

PRESENT IN Tiger Team: N Program Execution Guidance: N

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

Description:

SUBMIT 325 BUILDING HIGH LEVEL WASTE TREATMENT UNIT/SHIELDED ANALYTICAL LAB RCRA PART B PERMIT APPLICATION TO RL FOR REVIEW PRIOR TO SUBMITTAL TO EPA/ECOLOGY.

MILESTONES Continued

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Milestone No.: Milestone Seq: 8400-00-0020 TPA MS NO.: NONE
Title: EXAMINE DAMAGED CsCl CAPSULES & INITIATE REPACKAGING OF CAPSULES
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1995 9/30/1995 9/30/1995 PTS: Y SMS: Y
Driver Name: FED Driver Reference: 40 CFR 61, SUBPART H
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

Damaged CsCl capsules will be examined. Efforts will begin to place damaged capsules in qualified package and store in the 327 Bldg. pool.

Milestone No.: Milestone Seq: 8400-00-0030 TPA MS NO.: NONE
Title: UPGRADE REFRIG. RECOVER/RECYCLE EQUIP/INSTALL IN SERVICE VEHICLE
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1995 9/30/1995 9/30/1995 PTS: N SMS: N
Driver Name: CAA Driver Reference: TITLE VI (SEC 613) AMEND 1990
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

UPGRADE REFRIGERANT RECOVERY AND RECYCLING EQUIPMENT TO COMPLY WITH FEDERAL REGULATIONS. INSTALL RECOVERY AND RECYCLING EQUIPMENT AND ASSOCIATED ACCESSORIES IN NEWLY-PROCURED SERVICE VEHICLE.

Milestone No.: Milestone Seq: 8400-00-0105 TPA MS NO.: M-10 SUP
Title: COMPLETE NDT OF HAZ WASTE TANKS IN ROOM 40A, 325 BLDG
Planning Date Target Date Decrement Date Level: FO Keyword: S
9/30/1995 9/30/1995 9/30/1995 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: 40 CFR 264.190
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

Remote nondestructive testing of 3 haz waste tanks and associated piping in Room 40A performed by robot-mounted ultrasonic and eddy current test equipment on critical areas found in FY94 visual inspection and engineering analysis.

Milestone No.: Milestone Seq: 8400-00-0150 TPA MS NO.: NONE
Title: IDENTIFY CULTURAL PROPERTIES IN 100 AND 300 AREAS
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1995 9/30/1995 9/30/2001 PTS: N SMS: N
Driver Name: FED Driver Reference: 16 U.S.C. 470 (NHPA)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

This milestone includes field surveys to identify and record extant prehistoric, historic, and traditional properties in the 100 and 300 areas. Traditional cultural properties will also be identified on a site-wide basis.

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Milestone No.: Milestone Seq: 8400-00-0200 TPA MS NO.: NONE
Title: IMPLEMENT WASTE GENERATION DATABASE
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1995 9/30/1995 9/30/1995 PTS: Y SMS: Y
Driver Name: RCRA Driver Reference: Para 3002 (a)(6)(b); 3003(a)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
Implement database to track waste streams for individual facilities and target various streams for waste minimization opportunities.

Milestone No.: Milestone Seq: 8400-00-0255 TPA MS NO.: NONE
Title: COMPLETE EVALUATION OF HAZARDOUS/TOXIC AIR EMISSIONS
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1995 9/30/1995 9/30/1995 PTS: Y SMS: Y
Driver Name: CAA Driver Reference: 40 CFR 61
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
THIS EFFORT WILL DEVELOP A MEANS OF QUANTIFYING POTENTIAL CUMULATIVE REGULATED MATERIALS FROM PNL-OPERATED INDIVIDUAL FACILITIES AND THE 300 AREA AS A WHOLE. SOME MONITORING EQUIPMENT MAY BE RECOMMENDED.

Milestone No.: Milestone Seq: 8400-00-0280 TPA MS NO.: NONE
Title: COMPLETE FY95 ONE-LINE DRAWINGS FOR 324 BUILDING
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1995 9/30/1995 9/30/1995 PTS: Y SMS: Y
Driver Name: FED Driver Reference: 10 CFR 435; 10 CFR 830.110
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y
Description:
COMPLETE 128 ONE-LINE DRAWINGS FOR 324 BUILDING. TIGER TEAM FINDING QA.7-6 CORRECTIVE ACTION REQUIRES PREPARATION OF ALL ESSENTIAL DRAWINGS.

Milestone No.: Milestone Seq: 8400-00-0310 TPA MS NO.: NONE
Title: COMPLETE INSTALLATION OF EYEWASH FLUSHLINES
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1995 9/30/1995 9/30/1995 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: 6430.1A
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
COMPLETE INSTALLATION OF EYEWASH FLUSHLINES IN 305-B, 324 AND 325 BUILDINGS.

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Milestone No.: Milestone Seq: 8400-00-0260 TPA MS NO.: NONE
Title: REPORT ANNUAL EFFLUENT MONITORING RESULTS TO DOE, EPA AND WDOH
Planning Date Target Date Decrement Date Level: FO Keyword: O
3/31/1996 3/31/1996 3/31/1996 PTS: N SMS: N
Driver Name: CWA Driver Reference: 40 CFR 122; 40 CFR 61
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

THIS EFFORT WILL INCLUDE REPORTING OF ALL APPLICABLE AIR AND LIQUID SAMPLING RESULTS. REPORT WILL BE ISSUED ANNUALLY.

Milestone No.: Milestone Seq: 8400-00-0360 TPA MS NO.: NONE
Title: IDENTIFY 200 AREA AND COLUMBIA RIVER REACH CULTURAL PROPERTIES
Planning Date Target Date Decrement Date Level: FO Keyword: O
6/30/1996 6/30/1996 9/30/2001 PTS: N SMS: N
Driver Name: FED Driver Reference: 16 U.S.C. 470
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

This milestones involves completion of field surveys to identify and record cultural properties in the Hanford Site 200 Area and the Columbia River Reach.

Milestone No.: Milestone Seq: 8400-00-0025 TPA MS NO.: NONE
Title: COMPLETE REPACKAGING OF DEFECTIVE CsCl CAPSULES/STORE IN 327 POOL
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1996 9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: FED Driver Reference: 40 CFR 61, SUBPART H
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

Remaining damaged CsCl capsules will be placed in qualified packages and stored in the 327 Bldg. pool.

Milestone No.: Milestone Seq: 8400-00-0040 TPA MS NO.: NONE
Title: UPGRADE REFRIGERATION SYSTEMS
Planning Date Target Date Decrement Date Level: FO Keyword: SA
9/30/1996 9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: CAA Driver Reference: TITLE VI (SEC. 613)/AMEND 1990
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

PERFORM ENGINEERING EVALUATIONS BASED ON INVENTORY DATABASE TO EVALUATE REPLACEMENT EQUIP. AND SUBSTITUTE REFRIGERANTS AS AVAILABLE. UPGRADES (~50 TONS OF REFRIGERANT) WILL BE RETROFITTED TO EXISTING REFRIG. SYSTEMS EACH YEAR FY1996-FY2000.

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Milestone No.: Milestone Seq: 8400-00-0050 TPA MS NO.:
Title: DEVELOP A FACILITY S/RID FOR PNL CATEGORY II NUCLEAR FACILITIES
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1996 9/30/1996 9/30/2001 PTS: N SMS: N
Driver Name: DOE Driver Reference: DNFSB RECOMMENDATION 90-2
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

Perform the required analysis and develop the initial S/RID for PNL's Category II Nuclear Facilities (currently 324, 325 and 327).

Milestone No.: Milestone Seq: 8400-00-0075 TPA MS NO.: M-20 SUP
Title: COMPLETE ANNUAL INSPECTION AND REVIEW OF WASTE GENERATING FACIL
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1996 9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: RCRA Driver Reference: 40 CFR 260-280
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

COMPLETE ANNUAL INSPECTION AND REVIEW OF 25 PNL WASTE GENERATING FACILITIES FOR COMPLIANCE WITH FEDERAL, STATE AND LOCAL REQUIREMENTS. ALSO, INSPECT OFFSITE TSDFs FOR COMPLIANCE.

Milestone No.: Milestone Seq: 8400-00-0110 TPA MS NO.: M-10 SUP
Title: COMPLETE VISUAL INSPECTION OF HAZ WASTE TANKS LOW LEVEL VAULT, 324
Planning Date Target Date Decrement Date Level: FO Keyword: S
9/30/1996 9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: RCRA Driver Reference: 40 CFR 264.190
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

Remote visual inspection of 4 haz waste tanks, associated piping and secondary containment in 324 Building Low Level Vault performed by robot-mounted video cameras using ASTM pressure vessel code. Videotape recording will complete milestone.

Milestone No.: Milestone Seq: 8400-00-0175 TPA MS NO.: M-20 SUP
Title: SUBMIT REVISED RCRA PERMIT APPLICATIONS AS REQUIRED
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1996 9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: TRI Driver Reference: M-20-42,43,44
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

RCRA permits will be reviewed annually and revised applications will be submitted each year from FY 1996 through FY 2000.

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Milestone No.: Milestone Seq: 8400-00-0205 TPA MS NO.: NONE
Title: DEVELOP DATABASE TO TRACK WASTE MINIMIZATION ACTIVITIES
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1996 9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: RCRA Driver Reference: PARA 3002 (A) (6)(B); 3003(A)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Conduct Pollution Prevention Opportunity Assessments (PPOAs) on PNL waste streams.

Milestone No.: Milestone Seq: 8400-00-0285 TPA MS NO.: NONE
Title: COMPLETE FY96 ONE-LINE DRAWINGS FOR 324 BUILDING
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1996 9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: FED Driver Reference: 40 CFR 435; 10 CFR 830.110
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
PREPARE 128 ONE-LINE DRAWINGS FOR 324 BUILDING. TIGER TEAM FINDING QA.7-6
CORRECTIVE ACTION REQUIRES PREPARATION OF ALL ESSENTIAL DRAWINGS.

Milestone No.: Milestone Seq: 8400-00-0315 TPA MS NO.: NONE
Title: COMPLETE INSTALLATION OF EYEWASH FLUSHLINES
Planning Date Target Date Decrement Date Level: FO Keyword: SA
9/30/1996 9/30/1996 9/30/2001 PTS: N SMS: N
Driver Name: DOE Driver Reference: 6430.la
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
Complete installation of eyewash flushlines in the 318 and 327 Buildings.

Milestone No.: Milestone Seq: 8400-00-0415 TPA MS NO.: NONE
Title: IDENTIFY CULTURAL PROPERTIES IN THE 600 AREA
Planning Date Target Date Decrement Date Level: FO Keyword: O
6/30/1997 6/30/1997 6/30/1997 PTS: N SMS: N
Driver Name: FED Driver Reference: 16 U.S.C. 470 (NHPA)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
This milestone involves completion of field identification and recording of
prehistoric and historic sites in the 600 Area of Hanford Site.

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Milestone No.: Milestone Seq: 8400-00-0005 TPA MS NO.: NONE
Title: COMPL NEPA DOCUMENTATION TO SUPP REMOVAL OF SCW FROM D & A CELLS
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1997 9/30/1997 9/30/1997 PTS: N SMS: N
Driver Name: NEPA_R Driver Reference: 42 CFR 4321
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

APPROPRIATE NEPA AND SAFETY DOCUMENTATION WILL BE REVISED/PREPARED AS REQUIRED FOR REMOVING WASTE FROM 324 BUILDING D & A CELLS.

Milestone No.: Milestone Seq: 8400-00-0055 TPA MS NO.: NONE
Title: COMPLETE INITIAL ADHERENCE ASSESSMENT TO S/RIDS
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1997 9/30/1997 9/30/1998 PTS: N SMS: N
Driver Name: DOE Driver Reference: DNFSB RECOMMENDATION 90-2
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

Perform S/RIDS Adherence Assessment to determine facility compliance with written policies, programs & procedures. Corrective action will be developed and tracked for each non-compliance identified during this assessment.

Milestone No.: Milestone Seq: 8400-00-0080 TPA MS NO.: M-20 SUP
Title: REVISE RCRA PERMIT APPS FOR PNL WASTE TREATMENT/STORAGE OPS
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1997 9/30/1997 9/30/1997 PTS: N SMS: N
Driver Name: RCRA Driver Reference: 40 CFR 260-280
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

Revise RCRA permit applications for PNL Waste Treatment and Storage operations per Ecology comments. Applications to revise RCRA permits will be submitted for Ecology approval as needed each year.

Milestone No.: Milestone Seq: 8400-00-0115 TPA MS NO.: M-10 SUP
Title: COMPLETE NDT OF HAZ WASTE TANKS IN LOW LEVEL VAULT 324 BLDG
Planning Date Target Date Decrement Date Level: FO Keyword: S
9/30/1997 9/30/1997 9/30/1997 PTS: N SMS: N
Driver Name: RCRA Driver Reference: 40 CFR 264.190
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

NONDESTRUCTIVE TESTING OF 4 HAZ WASTE TANKS AND ASSOCIATED PIPING IN LOW LEVEL VAULT 324 BLDG PERFORMED REMOTELY BY ROBOT-MOUNTED ULTRASONIC & EDDY CURRENT TEST EQUIP. ON CRITICAL AREAS FOUND IN FY96 VISUAL INSPECTION AND ENGINEERING ANALYSIS.

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Milestone No.: Milestone Seq: 8400-00-0155 TPA MS NO.: NONE
 Title: COMPLETE SHIPMENT OF IRRADIATED FUEL TO DOE SITE
 Planning Date Target Date Decrement Date Level: FO Keyword: O
 9/30/1997 9/30/1997 9/30/1997 PTS: N SMS: N
 Driver Name: DOE Driver Reference: DOE GA DE-FG06-80ET34046AM.001
 PRESENT IN Tiger Team: N Program Execution Guidance: N
 Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

The DOE site for interim storage will be selected. If Hanford is chosen, in accordance with approved SDAR, GE-VNC will retrieve, package and ship the irradiated fuel. WHC will receive the packaged irradiated fuel and place it into interim

Milestone No.: Milestone Seq: 8400-00-0195 TPA MS NO.: NONE
 Title: ANNUALLY COMPLETE FISCAL YEAR WORK PLAN
 Planning Date Target Date Decrement Date Level: FO Keyword: O
 9/30/1995 9/30/1997 9/30/1997 PTS: N SMS: N
 Driver Name: DOE Driver Reference: RLIP 5000.5
 PRESENT IN Tiger Team: N Program Execution Guidance: N
 Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

FYWP pulls from MYPP/ADS (following RL format reqs) to define scope, schedule and est. costs for technical areas every FY; incorporate technical requirements defined by RL. FYWP is the basis for work authorization and baseline mgmt for each year.

Milestone No.: Milestone Seq: 8400-00-0210 TPA MS NO.: NONE
 Title: CHARACTERIZE LAB-WIDE WASTE STREAMS
 Planning Date Target Date Decrement Date Level: FO Keyword: O
 9/30/1997 9/30/1997 9/30/1997 PTS: N SMS: N
 Driver Name: RCRA Driver Reference: PARA 3002(a)(6)(b); 3003(a)
 PRESENT IN Tiger Team: N Program Execution Guidance: N
 Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

Conduct Pollution Prevention Opportunity Assessments on the larger PNL lab-wide waste streams.

Milestone No.: Milestone Seq: 8400-00-0295 TPA MS NO.: NONE
 Title: COMPLETE AS-BUILT FY97 DRAWINGS FOR 324 BUILDING
 Planning Date Target Date Decrement Date Level: FO Keyword: O
 9/30/1997 9/30/1997 9/30/1997 PTS: N SMS: N
 Driver Name: FED Driver Reference: 10 CFR 435; 10 CFR 830.110
 PRESENT IN Tiger Team: Y Program Execution Guidance: N
 Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

COMPLETE AS-BUILT OF 60 CONSTRUCTION DRAWINGS FOR 324 BUILDING. TIGER TEAM FINDING QA.7-6 CORRECTIVE ACTION REQUIRES PREPARATION OF ALL ESSENTIAL DRAWINGS.

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Milestone No.: Milestone Seq: 8400-00-0320 TPA MS NO.: NONE
 Title: UPGRADE IH PROGRAMS
 Planning Date Target Date Decrement Date Level: FO Keyword: O
 9/30/1997 9/30/1997 9/30/2001 PTS: N SMS: N
 Driver Name: OSHA Driver Reference: OSHA (29 CFR 1910)
 PRESENT IN Tiger Team: Y Program Execution Guidance: N
 Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:
 BRING THREE ADDITIONAL IH PROGRAMS INTO COMPLIANCE EACH YEAR THROUGH FY 2000.
 EXAMPLES INCLUDE VENTILATION, FUME HOODS, LEAD, FORMALDEHYDE, CADMIUM AND NON-
 IONIZING RADIATION PROGRAMS.

Milestone No.: Milestone Seq: 8400-00-0545 TPA MS NO.: NONE
 Title: RH-MW TREATMENT SYSTEM ENGINEERING/FEASIBILITY STUDY
 Planning Date Target Date Decrement Date Level: FO Keyword: T
 10/31/1995 9/30/1997 9/30/1997 PTS: N SMS: N
 Driver Name: RCRA Driver Reference: 40 CFR 265
 PRESENT IN Tiger Team: N Program Execution Guidance: N
 Roadmap: N Current Year Workplan: N Safety and Health: N

Description:
 The engineering/feasibility study will investigate the treatment options for the
 high-activity radioactive mixed waste (RMW) generated and stored in the PNL 325
 Bldg. B-Cell. Vitrification technology options will also be investigated.

Milestone No.: Milestone Seq: 8400-00-0580 TPA MS NO.: NONE
 Title: RH-MW TREATMENT SYSTEM CONCEPTUAL DESIGN
 Planning Date Target Date Decrement Date Level: FO Keyword: T
 4/30/1996 9/30/1997 9/30/1997 PTS: N SMS: N
 Driver Name: RCRA Driver Reference: 40 CFR 265
 PRESENT IN Tiger Team: N Program Execution Guidance: N
 Roadmap: N Current Year Workplan: N Safety and Health: N

Description:
 The product of this activity will be the conceptual design of the 324 Bldg. B-Cell
 RMW waste treatment system. This design effort will include a design review.

Milestone No.: Milestone Seq: 8400-00-0645 TPA MS NO.: NONE
 Title: TRANSFER CESIUM MATERIALS TO WESF
 Planning Date Target Date Decrement Date Level: FO Keyword: O
 9/30/1997 9/30/1997 9/30/1997 PTS: N SMS: N
 Driver Name: FED Driver Reference: 40 CFR 61 SUBPART H
 PRESENT IN Tiger Team: N Program Execution Guidance: N
 Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:
 ALL CsCl CAPSULES WILL BE TRANSPORTED FOR STORAGE AT WESF.

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Milestone No.: Milestone Seq: 8400-00-0145 TPA MS NO.: NONE
Title: EVALUATE PREHISTORIC AND HISTORIC CULTURAL PROPERTIES
Planning Date Target Date Decrement Date Level: FO Keyword: O
6/30/1998 6/30/1998 6/30/1999 PTS: N SMS: N
Driver Name: FED Driver Reference: 16 USC 470
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
COMPLETE NATIONAL REGISTER EVALUATIONS FOR ALL PREHISTORIC AND HISTORIC SITES IN THE HANFORD 600 AREA AND ANY OTHER AREAS SURVEYED.

Milestone No.: Milestone Seq: 8400-00-0065 TPA MS NO.: NONE
Title: REVISE S/RID DOCUMENTATION
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1998 9/30/1998 9/30/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: DNFSB RECOMMENDATION 90-2
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Review changes in regulatory drivers and modify the S/RID documentation as required to maintain a compliance ES&H operating basis.

Milestone No.: Milestone Seq: 8400-00-0120 TPA MS NO.: NONE
Title: COMPLETE CLEANOUT ACTIVITIES IN THE 324 BUILDING SMF
Planning Date Target Date Decrement Date Level: FO Keyword: D
9/30/1998 9/30/1998 9/30/1998 PTS: N SMS: N
Driver Name: FED Driver Reference: 40 CFR 61, SUBPART H
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
MATERIAL SAMPLES IN THE 324 BUILDING SMF STORAGE VAULTS WILL BE PACKAGED AND SHIPPED FOR DISPOSAL; THE SODIUM CLEANING STATION IN THE SMF WILL BE DISMANTLED AND SHIPPED FOR DISPOSAL.

Milestone No.: Milestone Seq: 8400-00-0215 TPA MS NO.: NONE
Title: IMPLEMENT GENERATOR-SPECIFIC POLLUTION PREVENTION TRAINING
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1998 9/30/1998 9/30/1998 PTS: N SMS: N
Driver Name: RCRA Driver Reference: PARA 3002(A)(6)(b); 3003(a)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Training in pollution prevention will be provided to specifically targeted waste generators at PNL.

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Milestone No.: Milestone Seq: 8400-00-0300 TPA MS NO.: NONE
 Title: COMPLETE AS-BUILT FY98 DRAWINGS FOR 324 BUILDING
 Planning Date Target Date Decrement Date Level: FO Keyword: O
 9/30/1998 9/30/1998 9/30/1998 PTS: N SMS: N
 Driver Name: FED Driver Reference: 10 CFR 435; 10 CFR 830.110
 PRESENT IN Tiger Team: Y Program Execution Guidance: N
 Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:
 PREPARE AS-BUILDING OF 60 CONSTRUCTION DRAWINGS FOR 324 BUILDING. TIGER TEAM FINDING QA.7-6 CORRECTIVE ACTION REQUIRES PREPARATION OF ALL ESSENTIAL DRAWINGS.

Milestone No.: Milestone Seq: 8400-00-0380 TPA MS NO.: M-10 SUP
 Title: COMPLETE REMOTE VISUAL INSP. OF HAZ WASTE TANKS 324 BLDG HL VAULT
 Planning Date Target Date Decrement Date Level: FO Keyword: S
 9/30/1998 9/30/1998 9/30/1998 PTS: N SMS: N
 Driver Name: RCRA Driver Reference: 40CFR 264.190
 PRESENT IN Tiger Team: N Program Execution Guidance: N
 Roadmap: N Current Year Workplan: N Safety and Health: N

Description:
 Remote visual inspection of 4 haz waste tanks, associated piping and secondary containment in High Level Vault, 324 Bldg. performed by robot-mounted video cameras using ASTM pressure vessel code. Videotape recording will complete milestone.

Milestone No.: Milestone Seq: 8400-00-0590 TPA MS NO.: NONE
 Title: RCRA PERMITTING FOR RH-MW TREATMENT FACILITY
 Planning Date Target Date Decrement Date Level: FO Keyword: T
 7/31/1998 9/30/1998 9/30/1998 PTS: N SMS: N
 Driver Name: RCRA Driver Reference: 40 CFR 265
 PRESENT IN Tiger Team: N Program Execution Guidance: N
 Roadmap: N Current Year Workplan: N Safety and Health: N

Description:
 This activity will encompass the preparation and issue of the RCRA permit application to operate the waste treatment facility. Also included will be the review by DOE and regulatory agencies and revision based on comments/NODs.

Milestone No.: Milestone Seq: 8400-00-0600 TPA MS NO.: NONE
 Title: RH-MW TREATMENT SYSTEM DEFINITIVE DESIGN
 Planning Date Target Date Decrement Date Level: FO Keyword: T
 1/31/1997 9/30/1998 9/30/1998 PTS: N SMS: N
 Driver Name: RCRA Driver Reference: 40 CFR 265
 PRESENT IN Tiger Team: N Program Execution Guidance: N
 Roadmap: N Current Year Workplan: N Safety and Health: N

Description:
 This activity will entail the final design of the RH-MW treatment system equipment and associated interfaces with 324 Bldg. hot cell facility. Activity includes preparation of appropriate specifications and a formal design review.

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Milestone No.: Milestone Seq: 8400-00-0605 TPA MS NO.: NONE
Title: RH-MW TREATMENT SYSTEM FABRICATION
Planning Date Target Date Decrement Date Level: FO Keyword: T
4/30/1999 4/30/1999 4/30/1999 PTS: N SMS: N
Driver Name: RCRA Driver Reference: 40 CFR 265
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

This activity will encompass the fabrication/construction of the RH-MW treatment system for B-Cell mixed waste either onsite or offsite.

Milestone No.: Milestone Seq: 8400-00-0160 TPA MS NO.: NONE
Title: COMPLETE 600 AREA SPECIAL MANAGEMENT UNIT PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
6/30/1999 6/30/1999 6/30/2000 PTS: N SMS: N
Driver Name: FED Driver Reference: 16 USC 470
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

COMPLETE A SMUP FOR THE HANFORD SITE 600 AREA.

Milestone No.: Milestone Seq: 8400-00-0085 TPA MS NO.: NONE
Title: PERFORM ADHERENCE ASSESSMENTS TO S/RIDS
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1999 9/30/1999 9/30/2000 PTS: N SMS: N
Driver Name: DOE Driver Reference: DNFSB RECOMMENDATION 90-2
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

Maintain a formal assessment program to assess the facilities' continued adherence to the S/RID operating requirements.

Milestone No.: Milestone Seq: 8400-00-0125 TPA MS NO.: NONE
Title: COMP REMOVAL OF SIZE-REDUCED PROGRAMMATIC EQUIPMENT FROM D-CELL
Planning Date Target Date Decrement Date Level: FO Keyword: D
9/30/1999 9/30/1999 9/30/1999 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 5480 SERIES
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

THE 324 BUILDING D-CELL PROGRAMMATIC EQUIPMENT WILL BE SIZE-REDUCED AND SHIPPED FOR DISPOSAL. THE D-CELL GALLERY AREA WILL BE DECONTAMINATED.

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Milestone No.: Milestone Seq: 8400-00-0385 TPA MS NO.: M-10 SUP
Title: COMPLETE NDT OF HAZ WASTE TANKS IN HIGH LEVEL VAULT, 324 BLDG.
Planning Date Target Date Decrement Date Level: FO Keyword: S
9/30/1999 9/30/1999 9/30/1999 PTS: N SMS: N
Driver Name: RCRA Driver Reference: 40 CFR 264.190
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Remote nondestructive testing of 4 haz waste tanks and associated piping in High Level Vault (324 Bldg) performed by robot-mounted ultrasonic and eddy current test equip. on critical areas found in FY98 visual inspections and engin. analysis.

Milestone No.: Milestone Seq: 8400-00-0495 TPA MS NO.: NONE
Title: ACHIEVE VERIFIABLE WASTE REDUCTION GOAL
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1999 9/30/1999 9/30/1999 PTS: N SMS: N
Driver Name: RCRA Driver Reference: PARA 3002 (a)(6)(b); 300 3(a)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Efforts will be made to achieve a verifiable, significant percentage reduction in waste generation at PNL.

Milestone No.: Milestone Seq: 8400-00-0520 TPA MS NO.: NONE
Title: COMPLETE ONE-LINE FY 99 DRAWINGS FOR 325 BUILDING
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1999 9/30/1999 9/30/1999 PTS: N SMS: N
Driver Name: FED Driver Reference: 10 CFR 435; 10 CFR 830.110
PRESENT IN Tiger Team: Y Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y
Description:
COMPLETE 124 ONE-LINE DRAWINGS FOR 325 BUILDING. TIGER TEAM FINDING QA.7-6 CORRECTIVE ACTION REQUIRES PREPARATION OF ALL ESSENTIAL DRAWINGS.

Milestone No.: Milestone Seq: 8400-00-0630 TPA MS NO.: NONE
Title: IN-CELL COLD TESTING OF RH-MW TREATMENT SYSTEM
Planning Date Target Date Decrement Date Level: FO Keyword: T
2/28/2000 2/28/2000 2/28/2000 PTS: N SMS: N
Driver Name: RCRA Driver Reference: 40 CFR 265
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
This activity encompasses the final phase of the testing and operator training before hot cell operations begin. The treatment system will be tested using simulated waste in the cell environment.

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Milestone No.: Milestone Seq: 8400-00-0165 TPA MS NO.: NONE
Title: COMPLETE REMAINING AREAS SPECIAL MANAGEMENT UNIT PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
6/30/2000 6/30/2000 6/30/2001 PTS: N SMS: N
Driver Name: FED Driver Reference: 16 USC 470 (NHPA)
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
COMPLETE SMUP FOR ALL AREAS OF THE HANFORD SITE NOT COVERED BY A PREVIOUS SMUP.

Milestone No.: Milestone Seq: 8400-00-0010 TPA MS NO.: M-10 SUP
Title: COMPLETE FINAL REPORT ON RMW STORAGE TANK INSPECTIONS
Planning Date Target Date Decrement Date Level: FO Keyword: S
9/30/2000 9/30/2000 9/30/2000 PTS: N SMS: N
Driver Name: RCRA Driver Reference: 40CFR 264.190
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Report will detail compliance of the tanks with 40 CFR 264.190 et seq and WAC 173-303-640 or closure, recommend future work enhancing operation of the PNL portion 300 Area haz waste tank system and technology transfer to other DOE sites.

Milestone No.: Milestone Seq: 8400-00-0090 TPA MS NO.: NONE
Title: REVISE S/RID DOCUMENTATION
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/2000 9/30/2000 9/30/2001 PTS: N SMS: N
Driver Name: DOE Driver Reference: DNFSB RECOMMENDATION 90-2
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Review changes in regulatory drivers and modify the S/RID documentation as required to maintain a compliance ES&H operating basis.

Milestone No.: Milestone Seq: 8400-00-0135 TPA MS NO.: NONE
Title: COMP CLEANOUT AND DECONTAMINATION OF 324 BUILDING A-CELL
Planning Date Target Date Decrement Date Level: FO Keyword: D
9/30/2000 9/30/2000 9/30/2000 PTS: N SMS: N
Driver Name: DOE Driver Reference: DOE 5480 SERIES
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
DECONTAMINATION EQUIPMENT IN THE 324 BUILDING D-CELL WILL BE SIZE-REDUCED AND TRANSFERRED FOR DISPOSAL. THE INTERIOR OF D-CELL WILL BE DECONTAMINATED AND WASTE SHIPPED TO DISPOSAL.

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Milestone No.: Milestone Seq: 8400-00-0500 TPA MS NO.: NONE

Title: OPERATE WASTE MINIMIZATION TECHNOLOGY TRANSFER NETWORK

Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/2000 9/30/2000 9/30/2000 PTS: N SMS: N

Driver Name: RCRA Driver Reference: PARA 3002(a)(6)(b); 3003(a)

PRESENT IN Tiger Team: N Program Execution Guidance: N

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

Description:

Develop a formal network for sharing technology and pollution prevention techniques with other DOE sites.

Milestone No.: Milestone Seq: 8400-00-0535 TPA MS NO.: NONE

Title: COMPLETE FY00 DRAWINGS FOR 325 BUILDING

Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/2000 9/30/2000 9/30/2000 PTS: N SMS: N

Driver Name: FED Driver Reference: 10 CFR 435; 10 CFR 830.110

PRESENT IN Tiger Team: Y Program Execution Guidance: N

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

Description:

COMPLETE 65 ONE-LINE DRAWINGS FOR 325 BUILDING. COMPLETE AS-BUILDING OF 40 CONSTRUCTION DRAWINGS FOR 325 BUILDING. TIGER TEAM FINDING QA.7-6 CORRECTIVE ACTION REQUIRES PREPARATION OF ALL ESSENTIAL DRAWINGS.

Milestone No.: Milestone Seq: 8400-00-0185 TPA MS NO.: NONE

Title: COMPLETE D&D OF 2718E

Planning Date Target Date Decrement Date Level: FO Keyword: O
9/01/1995 9/30/2001 9/30/2001 PTS: N SMS: N

Driver Name: DOE Driver Reference: 5820.2A

PRESENT IN Tiger Team: N Program Execution Guidance: N

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

Description:

Complete all activities planned for FY95 as specified in the Design and Characterization and in the Project Management Plan for decontamination and decommissioning of 2718E facility.

Milestone No.: Milestone Seq: 8400-00-0440 TPA MS NO.: NONE

Title: COMPLETE PHASE I EQUIPMENT DESIGN OF FIRST THERMAL TREATMENT UNIT

Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1995 9/30/2001 9/30/2001 PTS: N SMS: N

Driver Name: FED Driver Reference: FFCA

PRESENT IN Tiger Team: N Program Execution Guidance: N

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

Description:

The TTF is planned in three phases. First phase is establishment of vitrification pilot plant based on currently installed hi-temp melter (HTM). This milestone will complete the design of support equipment to the HTM.

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Milestone No.: Milestone Seq: 8400-00-0445 TPA MS NO.: NONE

Title: START UP FIRST THERMAL TREATMENT MODULE

Planning Date Target Date Decrement Date Level: FO Keyword: T
1/31/1996 9/30/2001 9/30/2001 PTS: N SMS: N

Driver Name: FED Driver Reference: FFCA

PRESENT IN Tiger Team: N Program Execution Guidance: N

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

Description:

The high-temperature melter (HTM), with the supporting equipment of size reduction, feed preparation and off-gas treatment, will be operated and data collected on the behavior of each of the major components.

Milestone No.: Milestone Seq: 8400-00-0455 TPA MS NO.: NONE

Title: COMPLETE INSTALLATION OF THIRD THERMAL TREATMENT MODULE

Planning Date Target Date Decrement Date Level: FO Keyword: T
5/30/1997 9/30/2001 9/30/2001 PTS: N SMS: N

Driver Name: FED Driver Reference: FFCA

PRESENT IN Tiger Team: N Program Execution Guidance: N

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

Description:

All three of the modules, including a second thermal process started in FY96 will be installed and tested as recommended by Mixed Waste Program Steering Committee.

Milestone No.: Milestone Seq: 8400-00-0460 TPA MS NO.: NONE

Title: ISSUE REPORT-RECOMMENDATIONS FOR THERMAL PROCESSES FOR NEW FACILI

Planning Date Target Date Decrement Date Level: FO Keyword: T
2/28/1998 9/30/2001 2/28/2001 PTS: N SMS: N

Driver Name: FED Driver Reference: FFCA

PRESENT IN Tiger Team: N Program Execution Guidance: N

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

Description:

The report will compare the performance of the Phase I and II equipment and provide recommendations on thermal processes for use in mixed waste treatment facilities.

Milestone No.: Milestone Seq: 8400-00-0465 TPA MS NO.: NONE

Title: PUBLISH REPORT ON BEHAVIOR OF NEW THERMAL PROCESS UNIT

Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/1999 9/30/2001 9/30/2001 PTS: N SMS: N

Driver Name: FED Driver Reference: FFCA

PRESENT IN Tiger Team: N Program Execution Guidance: N

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

Description:

The Phase III equipment will have been installed and tested. This report will provide some initial data on the pilot performance of the advanced technologies currently being identified in the EM-50 program.

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Milestone No.: Milestone Seq: 8400-00-0510 TPA MS NO.: NONE
Title: ISSUE ANNUAL REPORT ON D&D ACTIVITIES

Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1996 9/30/2001 9/30/2001 PTS: N SMS: N

Driver Name: DOE Driver Reference: 5420.2a

PRESENT IN Tiger Team: N Program Execution Guidance: N

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

Description:

Issue annual report on the year's activities to decontaminate and decommission the 242 B/BL facility. Yearly report to be issued until estimated completion of D&D in FY99.

Milestone No.: Milestone Seq: 8400-00-0515 TPA MS NO.: NONE

Title: COMPLETE D&D OF 242 B/BL

Planning Date Target Date Decrement Date Level: FO Keyword: O
9/01/1999 9/30/2001 9/30/2001 PTS: N SMS: N

Driver Name: DOE Driver Reference: 5480.2A

PRESENT IN Tiger Team: N Program Execution Guidance: N

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

Description:

Complete the decontamination and decommissioning of 242 B/BL facility as specified in the design and characterization plan and the Project Management Plan.

Milestone No.: Milestone Seq: 8400-00-0570 TPA MS NO.: NONE

Title: PUBLISH REPORT ON THERMAL TREATMENT STARTUP OPERATIONS

Planning Date Target Date Decrement Date Level: FO Keyword: T
9/30/2000 9/30/2001 9/30/2001 PTS: N SMS: N

Driver Name: FED Driver Reference: FFCA

PRESENT IN Tiger Team: N Program Execution Guidance: N

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

Description:

The TTF will provide a test bed that can be used to support startup operations and operational problem resolutions. The report will document the results of testing on site-specific problems that may be of generic interest to DOE facility operators.

NARRATIVE

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Technical Scope Summary(Limit 15 line or less):

The Site Research program provides management of stored and newly generated wastes, monitoring of the Hanford environment, and remediation of facilities and environmental media contaminated as a result of past actions. The program supports RL and other Hanford contractors in achieving compliance with applicable DOE orders, environmental regulations, and DOE agreements for environmental restoration and waste management

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operations in the most practical, timely, and cost-effective manner.

Technical Scope Detail(Limit 104 lines or less):

This ADS supports subactivities (SAs) designated throughout this ADS by the 2-digit suffix. The SAs are:

- AA) Refrigerant Replacement Program to phase out the use of regulated refrigerants used in air conditioning and refrigeration equipment;
- BA) Standards/Requirements Identification Document program to identify and assess PNL compliance with all requirements for Category II Nuclear Facilities;
- CA) Public Safety and Resource Protection to monitor and document Hanford on/off site environmental status/compliance;
- DA) WM Operations, to monitor and coordinate waste management operations and assure regulatory compliance for all PNL operations;
- EA) RMW Storage Tank Upgrades, to determine actions needed to assure regulatory compliance for small tanks storing RMW from 300 Area hot cell operations;
- FA) 242 B/BL and 2718E PNL Laboratory Surveillance and Maintenance (S&M) to provide assurance of safety for out-of-service PNL facilities pending D&D;
- JA) Cleanup of production support laboratories in 242 B/BL and 2718E buildings to provide final disposition of surplus facilities;
- KA) Pollution Prevention Program to support and document PNL waste minimization compliance;
- LA) NEPA Compliance, to coordinate and help complete PNL NEPA documentation;
- MA) Effluent Monitoring, to verify compliance of PNL facility air and liquid effluents;
- NA) Essential ES&H Drawings, to create updated drawings of the Hazard Class II building systems critical to maintenance of safety and regulatory compliance;
- OA) Facilities, Safety and Conduct of Operations, to implement actions necessary to comply with ES&H requirements and directives;
- PA) RCRA Permitting, to support submission of appropriate RCRA Permits for PNL waste treatment operations and technology development;
- SA) CsCl Legacy Safety Program to provide containment and safe storage/disposal for megacuries of Cs remaining from defunct programs;
- TA) 324 Building Hot Cell Facility S&M to ensure safe operations and containment of radionuclides;
- UA) SMS/PTS implementation to plan, manage and report Hanford activities;
- VA) Interim storage of High Burnup Effects Program (HBEP) irradiated fuel to return DOE-responsible nuclear fuel to DOE;
- XA) Thermal Treatment Testing Facility to provide testing of DOE mixed waste treatment technologies;
- YA) Partial funding for the 324 Building B-Cell Safety Cleanout in addition to that provided by ADS 8410-00-AA;
- ZA) 300 Area Remote-Handled Mixed Waste (RH-MW) Treatment System to provide for disposal of wastes for which no current disposal method is available;
- BB) Cultural Resources (CR) Management to expedite development of baseline

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- CR documentation of the entire Hanford Site to comply with laws and regulations;
- CB) Hanford Ecological Compliance Assessment to comply with regulatory requirements for the protection of endangered wildlife, habitat, and vegetation during operation of the Hanford Site;
- DB) 324 Building Legacy Waste Cleanout to remove legacy commercial nuclear fuel, samples, structural material, equipment, and contamination within D-Cell (and adjoining gallery), SMF South Cell, a contaminated shielded glovebox in Room 3G, and contaminated process equipment from past lithium loop operations; and
- PC) Productivity Commitment to enhance cost efficiencies.

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

- CA) PNL is continuing Hanford Site monitoring originally begun in the mid-1940's. Several environmental reports are provided on an annual basis.
- DA) WM Operations annually supports WM Ops in over 50 PNL buildings and over 1000 projects, includes various systems upgrades and submission of 305-B Part B Permit.
- EA) Integrity assessment of the RMW tanks began October 1, 1991. Planning for assessment of 324 Building tanks was initiated in FY94.
- FA/JA) Operation of 231-Z ceased in 1984. Minimal S&M of the remaining inactive production labs and planning for D&D continues.
- KA) PNL pollution prevention program was initiated.
- LA) NEPA compliance activities continues including NEPA training, database preparation, and proposal reviews.
- MA) Assessment of compliance with air and liquid effluent regulations was initiated.
- NA) Completion of the 128 most essential drawings for 324 Building was initiated.
- OA) Construction estimates to upgrade eye wash stations will be prepared; asbestos assessment & remediation will be initiated; conduct of operations training will be conducted.
- PA) Strategies for obtaining the appropriate RCRA permits will continue to be developed and coordinated with DOE.
- SA) A plan to disposition megacurie quantities of CsCl legacy waste will be prepared; loose CsCl powder will be sealed into containers; and cleanup in the 324 Building will be initiated.
- TA) Regular S&M activities for the radioactive areas in the 324 Building will be performed.
- UA) SMS/PTS implementation will continue and a reporting database will be developed.
- YA) B-Cell cleanout activities continued to resolve a safety issue as reported in ADS 8410.

Only conceptual planning has been completed for activities AA, BA, VA, XA, ZA, BB, CB, and DB.

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

Key subactivities to be performed during FY95 are:

- AA) Update the database inventory of regulated refrigerants and refrigeration equipment;
- CA) Complete CY94 Annual Hanford Site Environmental Reports; DA) Continue WM Ops support;
- EA) Initiate integrity assessment of 325 Building RMW tanks; FA) Continue S&M of inactive labs;
- KA) Document pollution prevention program progress as required; LA) Coordinate and facilitate PNL NEPA compliance;
- MA) Verify compliance of PNL facility air and liquid effluents; NA) Create second set of updated drawings of 324 Building systems critical to maintenance of safety and regulatory compliance;
- OA) Complete installation of eyewash flush lines in 305-B, 324, and 325 Buildings;
- PA) Prepare input for RCRA permit applications needed to continue PNL treatment operations and technology RDDT&E for Hanford cleanup as required by TPA milestones;
- SA) Examine damaged USGI capsules and initiate repackaging of the capsules;
- TA) Perform regular surveillance and maintenance for radioactive areas in 324 Building;
- YA) Continue to provide incremental funding for the 324 Building B-Cell cleanout activity;
- BB) Conduct field surveys to identify and record extant prehistoric, historic, and traditional cultural properties in the 100 and 300 Areas; CB) Perform a limited number of assessments for environmental effects on threatened and endangered species; and
- PC) Attain the Productivity Commitment totalling 13.7% of Target Budget assigned for the fiscal year.

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

DECREMENT LEVEL ACTIVITIES

Key subactivities in FY96 at the decrement level are:

- AA) Begin replacing refrigeration systems and maintain refrigerants in compliance with regulations;
- CA) Complete CY95 Annual Hanford Site Environmental Reports; DA) Continue WM Ops support;
- EA) Prepare closure plans for RMW tanks requiring closure in 325 Building;
- FA) Continue S&M of inactive labs;
- KA) Continue pollution prevention progress documentation and conduct additional pollution prevention opportunity assessments on PNL laboratory waste streams;
- LA) Coordinate and facilitate PNL NEPA compliance activities; MA) Continue to verify compliance of PNL facility air and liquid effluents; NA) Create the third set of updated drawings of 324 Building systems critical to maintenance of safety and regulatory compliance; PA) Complete input for RCRA permit applications needed to continue PNL treatment operations and technology RDDT&E for Hanford cleanup as required by TPA milestone; SA)

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Transfer CsCl legacy containers to safe storage in WESF and continue cleanup of dispersible contamination;

TA) perform regular surveillance and maintenance for radioactive areas in 324 Building;

YA) Provide incremental funding for 324 Building B-Cell Restoration activity;

BB) Complete a limited number of field surveys to identify and record cultural properties in the Hanford Site 200 Area and the Columbia River Reach.

\$28,519K

PC) Attain the Productivity Commitment (Decrement Level)

(\$3,903K)

TOTAL \$24,616K

TARGET LEVEL ACTIVITIES

BB) Complete remaining field surveys to identify and record cultural properties in the Hanford Site 200 Area and the Columbia River Reach

\$1,225K

OA) Complete installation of eyewash flush lines in 318 and 327 Buildings

\$2,215K

BA) Develop a PNL S/RIDS implementation plan and initial S/RID documents

\$1,089K

CB) Perform a limited number of assessments for environmental effects on threatened and endangered species

\$208K

YA) Reduction of incremental funding for B-Cell restoration if Target Case is funded for ADS 8410-00-AA

(\$238K)

PC) Productivity Commitment

(\$688K)

PLANNING LEVEL ACTIVITIES

CB) Perform remaining number of assessments for environmental effects on threatened and endangered species

\$561K

JA) Initiate PNL legacy labs D&D

\$839K

LA) Review bench-scale research activities for NEPA compliance, prepare generic CXs, and conduct self-appraisals of PNL Centers for NEPA compliance verification

\$143K

UA) Prepare the PNL SMS/PTS reports

\$712K

VA) Move irradiated fuel for which DOE is responsible to Hanford for safe storage

\$76K

ZA) Initiate activity to dispose of remote-handled radioactive mixed waste in 300 Area

\$1,511K

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

Status of the subactivities during FY 1997-2000 will be:

AA) Regulated refrigerants will be replaced and air conditioning/refrigeration equipment will be upgraded.

BA) Assessments for adequacy, implementation, and adherence to the Facility S/RID will be completed.

CA) The public safety and resources will continue to be protected through surveillance of Hanford and results published in an annual report.

DA) All PNL waste treatment and storage operations will be conducted in

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compliance with ES&H requirements.

EA) Activities will include the wrap-up of construction activities, conclusion of tank closure operations, and documentation of RMW tanks compliance with regulations.

FA) S&M of inactive labs will continue until remediation or refurbishment for other purposes.

KA) A verifiable waste reduction goal will be achieved, and a technology transfer network for waste minimization in DOE laboratories will be in operation.

LA) All PNL activities will continue to be conducted in compliance with NEPA.

MA) Compliance with effluent regulations will continue to be verified. NA) Updated drawings will be completed for all PNL Hazard Class II buildings.

OA) A limited number of industrial hygiene programs (e.g., confined space, lead formaldehyde, cadmium, hoods and ventilation) will be upgraded. PA) Regulator comments will be incorporated in RCRA permits and work will be performed to obtain final approval.

SA) All Cs-137 will be returned to WHC for storage and disposal. TA) S&M for radioactive portions of 324 Building will continue until clean up or use by other programs.

UA) PNL SMS/PTS activities will continue to be planned, managed, and reported.

VA) The HBEP irradiated fuel will be returned to a DOE Site for storage.

ZA) The RH-MW from B-Cell cleanup operations will be treated. BB) Remaining cultural properties will be identified and evaluated and Special Management Unit Plans will be completed.

CB) Routine compliance assessments for environmental effects on listed species will continue to be made.

DB) Activities will begin to clean out legacy wastes in the 324 Building.

Impacts/Assumptions(Limit 42 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 FY95 Congressional Budget request. The delta change from the President's budget is \$7.413K, resulting in a new total of \$32,495K (before a Productivity Commitment is applied). These adjustments may require a FY95 budget amendment. 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 budget for this ADS does not fully support all the current regulatory compliance requirements and commitments. Budget constraints create certain unfunded tasks and impediments to achieving all scheduled program objectives. These impacts include the following: (1) the Target funding level will create certain issues of non-compliance with regulations regarding protection of threatened and endangered species at Hanford and result in possible work stoppages and fines (CB). There will be delays in starting development of a waste treatment system required for RMW in the 300 Area (ZA) and in returning DOE-responsible, irradiated fuel

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to a DOE site (VA). Delay in initiating cleanup of legacy labs will result in continued costs for S&M of these lab spaces to maintain safe conditions (JA); and (2) At the Decrement funding level (in addition to the impacts created at the Target funding level), the risk to workers due to hazards in the workplace would not be reduced, and worker safety and health issues would not be fully dealt with (OA). Non-compliance with regulations regarding protection of cultural resources at Hanford will also result in specific work stoppages and potential fines (BB). Documentation would not be developed to provide complete assurance that PNL Category II Nuclear Facilities comply with all applicable standards/requirements in accordance with the Defense Nuclear Facility Safety Board recommendation (BA).

Assumptions include: 1) productivity commitments can be attained each fiscal year to allocate additional funding for otherwise unfunded, critical activities; 2) program scope will not increase over that identified in technical program plans; 3) the current maintenance program will prevent major equipment failures; 4) the quantity of hazardous and mixed waste materials generated as well as waste disposal costs are less than or equal to estimates; 5) migrating CsCl capsule material will be packaged in release resistant containers and stored in the SMF Hot Cell; 6) RCRA permitting requirements will change substantially to allow more flexibility in technology research and development activities; 7) permits needed to continue several key PNL operations can be obtained in a timely manner; and 8) the Westinghouse Waste Acceptance Criteria (WHC-0063-3) will not become more restrictive.

Supporting Documents(Limit 5 lines or less):

10 CFR 435, 830.110; 49 CFR; TSCA; RCRA 3002; NEPA; PPA 6602, 6607; EPCRA 313; CERCLA 107(a); DOE 4330.4A, 5400.1 & .3, 5440.1, 5480.5, .11, & .19, 5820.2A, 6430.1A; NFPA 72; OSHA; SDWA; WAC 173-303-640, 173-307; DFNSB 90-2; CAA Title VI; CWA; TRI (TPA M-17-06); FFCA.

Performance Measures(Limit 15 lines or less):

This ADS reflects the following Productivity Commitments: 1995=\$4463K, 1996=\$4591K, 1997=\$7496K, 1998=\$12,841K, 1999=\$5,745K. and 2000=\$5,949K.

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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CAA:

PNL facilities have the potential for releasing hazardous materials to the air. PNL currently uses ozone-depleting refrigerants needing to be phased out as scheduled. PNL performs environmental monitoring function for the Hanford Site.

CWA:

PNL facilities use certain regulated materials. The disposal of these materials must not be through air or liquid effluent streams. Through the NPDES permit system, PNL effluents are characterized prior to entering a surface water of the U.S.

DOE:

As a result of research activities, PNL generates hazardous wastes. All DOE orders associated with laboratory operations including those related to waste management and ESH are applicable to PNL.

FED:

There are significant cultural resources at Hanford (eligible for the National Register of Historic Places) that must be identified, evaluated, and protected as required by the National Historical Preservation Act.

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FFCA:

The proposed Thermal Treatment Testing Facility at PNL is a key component of the National Mixed Waste Program and will support the thermal technologies needed in conformance to FFCA agreements with states.

NEPA R:

PNL initiates and conducts numerous research and development activities that must be evaluated for any potential impacts to the environment.

ORD:

Executive Order 12843 requires federal agencies to minimize procurement of ozone-depleting chemicals.

OSHA:

Workers may encounter potentially hazardous conditions in PNL facilities.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

OTHER1:

DOE Implementation Plan for the Defense Nuclear Facility Safety Board Recommendation 90-2 requires PNL to identify and assess compliance with the specific standards/requirements that apply to PNL Category II Nuclear Facilities.

OTHER2:

Pollution Prevention Act requires the minimization of the wastes generated at PNL.

RCRA:

PNL treats, stores, and disposes of hazardous wastes on a small scale.

ST:

PNL facility operations are subject to Washington State dangerous waste regulations and discharge release criteria.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

TRI:

PNL facilities use the 300 Area process sewer system (to be upgraded in accordance with the Tri-Party Agreement).

TSCA:

Certain PNL facilities have PCBs and asbestos that must be managed.

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Operations Office: RL ID No.: 8410- 0 Revision Date: 4/21/1994
 ADS Title: HANFORD WM SCIENCE AND TECH AND COMPL OPS (NON-DEFENSE)
 WBS No.: 1.3.7.7.7 Category: WM Appr.: N
 Project Title: HANFORD W.M. SCIENCE & T Facility/WAG: 324 AND 327 BUILDINGS
 Installation: HANFORD CID: RL01830 %OVHD: 24
 For Line Item Project: NONE TPC: 0 TEC: 0
 Contig: 0
 CNTR Manager: MASSEY, HD Phone: 509-375-6846
 O.O. Manager: JONES, DK Phone: 509-376-7947
 H.Q. Manager: KEENAN, JJ Phone: 301-903-7121
 Auxiliary Fields: 1. 0 2. 0 3. 0

WASTE TYPES (% of FY96 Dollars)

HLW: 0 TRU: 0 TRU MIX: 0 LLW: 8 MLLW: 5 HAZ: 0 SANT: 0 SNF: 11

REGULATORY DRIVERS

CAA: Y CWA: Y SDWA: N RCRA: Y 3004U: N TSCA: N CERCLA: N NEPA: Y
 DOE: Y IAG: N OSHA: Y ORD: N ST : Y TRI : N FED : N 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	8,899	12,133		A	10,509	12,364	12,364	12,364
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	8,899	12,133		F	0	0	0	0
				G	0	0	0	0
				H	0	0	0	0
				I	0	0	0	0
				TOTAL	10,509	12,364	12,364	12,364

DECREMENT LEVEL (Dollars in Thousands)

B&R	FY 96 DECR LEVEL
OE	10,509
CE	0
GPP	0
LI	0
TOTAL	10,509

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TARGET LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	12,364	12,561	12,863	13,120	13,383
CE	0	50	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	12,364	12,611	12,863	13,120	13,383

FTEs	FY94	FY95			
Direct	0	51			
Indirect	0	40			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	50	53	50	47	43
Indirect	40	42	40	38	34
Federal	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R Cat.	FY96	FY97	FY98	FY99	FY00
OE	12,364	15,227	15,036	15,460	11,839
CE	0	50	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	12,364	15,277	15,036	15,460	11,839

FTEs	FY94	FY95			
Direct	0	51			
Indirect	0	41			
Federal	0	0			
FTEs	FY96	FY97	FY98	FY99	FY00
Direct	50	61	58	55	39
Indirect	40	49	46	44	31
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: RICHLAND SCIENCE AND TECHNOLOGY R						FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 324 BUILDING B-CELL SAFETY CLEAN									
APPROP: N									
					A	10,509	10,747	10,747	10,747
					B	0	0	0	0
B&R	FY96 APPR	FY97 PRES	FY95 APPR		C	0	0	0	0
					D	0	0	0	0
EX3120020	7,199	10,370			E	0	0	0	0
35EX31201	0	0			F	0	0	0	0
	0	0			G	0	0	0	0
	0	0			H	0	0	0	0
					I	0	0	0	0
TOTAL	7,199	10,370			TOTAL	10,509	10,747	10,747	10,747

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EX3120020	10,509
35EX31201	0
	0
	0
TOTAL	10,509

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX3120020	10,747	10,412	10,111	10,429	6,740
35EX31201	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	10,747	10,412	10,111	10,429	6,740

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX3120020	10,747	10,412	10,111	10,429	6,740
35EX31201	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	10,747	10,412	10,111	10,429	6,740

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Budget Detail Profile

DESC: RICHLAND SCIENCE AND TECHNOLOGY R				FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: BA				DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: 327 BUILDING SURVEILLANCE AND MA								
APPROP: N								
				A	0	1,396	1,396	1,396
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EX3120020	1,700	1,763		E	0	0	0	0
35EX31201	0	0		F	0	0	0	0
	0	0		G	0	0	0	0
	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	1,700	1,763		TOTAL	0	1,396	1,396	1,396

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EX3120020	0
35EX31201	0
	0
	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX3120020	1,396	1,415	1,429	1,445	1,460
35EX31201	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	1,396	1,415	1,429	1,445	1,460

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX3120020	1,396	1,415	1,429	1,445	1,460
35EX31201	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	1,396	1,415	1,429	1,445	1,460

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Budget Detail Profile

DESC: RICHLAND SCIENCE AND TECHNOLOGY R				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: CA				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: 327 BUILDING LEGACY WASTE							
APPROP: N							
B&R	FY96 APPR	FY97 FELS	FY95 APPR	A	B	C	D
EX3120020	0	0		0	0	0	0
35EX31201	0	0		0	0	0	0
	0	0		0	0	0	0
	0	0		0	0	0	0
	0	0		0	0	0	0
TOTAL	0	0		0	0	0	0
				TOTAL	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EX3120020	0
35EX31201	0
	0
	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX3120020	0	734	1,323	1,246	5,183
35EX31201	0	50	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	0	784	1,323	1,246	5,183

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX3120020	0	3,400	3,496	3,586	3,639
35EX31201	0	50	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	0	3,450	3,496	3,586	3,639

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Budget Detail Profile

DESC: RICHLAND SCIENCE AND TECHNOLOGY R					FY96 DRIVER		CATEGORY	
SUB-DESC: PROGRAM: EM SUBACT: DA					DECREMENT	TARGET	PLAN	IMM RISK
TITLE: CsC1 LEGACY SAFETY PROGRAM								
APPROP: N								
				A	0	221	221	221
				B	0	0	0	0
B&R	FY94 APPR	FY95 PRES	FY95 APPR	C	0	0	0	0
				D	0	0	0	0
EX3120020	0	0		E	0	0	0	0
35EX31201	0	0		F	0	0	0	0
	0	0		G	0	0	0	0
	0	0		H	0	0	0	0
				I	0	0	0	0
TOTAL	0	0		TOTAL	0	221	221	221

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EX3120020	0
35EX31201	0
	0
	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX3120020	221	0	0	0	0
35EX31201	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	221	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX3120020	221	0	0	0	0
35EX31201	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	221	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 8410 0

Title: HANFORD WM SCIENCE AND TECH AND COMPL (NON-DEFENSE)

Transferred in its entirety: Y

Explanation of Change:

MILESTONES

Milestone No.: Milestone Seq: 8410-00-0035 TPA MS NO.: NONE
Title: IMPLEMENT PROGRAM TO LOCATE FISSIONABLE MATERIALS IN 327 BLDG
Planning Date: 9/30/1994 Target Date: 9/30/1994 Decrement Date: 9/30/1994 Level: FO Keyword: O
PTS: Y SMS: Y
Driver Name: DOE Driver Reference: 5480.24
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N

Description:

Plan and initiate a program for locating holdup fissionable materials in ventilation ducts and other facility systems.

Milestone No.: Milestone Seq: 8410-00-0075 TPA MS NO.: M-20 SUP
Title: 324 BUILDING B-CELL 634 FLOOR AREA CLEARED OF DISPERSIBLES
Planning Date: 9/30/1994 Target Date: 9/30/1994 Decrement Date: 9/30/1994 Level: FO Keyword: O
PTS: Y SMS: Y
Driver Name: DOE Driver Reference: DOE ORDERS 5480.5 & 5481.1B
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

% COMPLETE BASED ON TEMPORARY PACKAGING OF DISPERSIBLE CONTAMINATION FOR STORAGE IN CELL, AND REMOVAL OF RACKS AND EQUIPMENT NECESSARY TO HAVE ACCESS TO THE DISPERSIBLE CONTAMINATION.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 8410-00-0060 TPA MS NO.: NONE
Title: IMPLEMENT PLAN FOR CONTROL OR REMOVAL/327 FISSIONABLE MATERIALS
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1995 9/30/1995 9/30/1995 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: 5480.24
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N

Description:

Prepare and initiate a plan for controlling and/or removing holdup fissionable materials from the 327 facility systems.

Milestone No.: Milestone Seq: 8410-00-0080 TPA MS NO.: M-20 SUP
Title: 324 BUILDING B-CELL 71% FLOOR AREA CLEARED OF DISPERSIBLES
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1995 9/30/1995 9/30/1995 PTS: Y SMS: Y
Driver Name: DOE Driver Reference: 5480.5 & 5481.1B
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: Y

Description:

% COMPLETE BASED ON TEMPORARY PACKAGING OF DISPERSIBLE CONTAMINATION FOR STORAGE IN CELL, AND REMOVAL OF RACKS AND EQUIPMENT NECESSARY TO HAVE ACCESS TO THE DISPERSIBLE CONTAMINATION.

Milestone No.: Milestone Seq: 8410-00-0015 TPA MS NO.: NONE
Title: VERIFY INTEGRITY OF ALL 327 BLDG. HOT CELL CONTAINMENT BOUNDARIES
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1996 9/30/1996 9/30/1997 PTS: N SMS: N
Driver Name: FED Driver Reference: 40 CODE OF FED REG 61, SUB H
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

CAREFULLY EXAMINE THE CONTAINMENT BOUNDARY OF EACH HOT CELL IN 327 BUILDING TO VERIFY THAT NO CONTAMINATION HAS MIGRATED FROM THE CELL INTERIORS.

Milestone No.: Milestone Seq: 8410-00-0065 TPA MS NO.: M-20 SUP
Title: 324 BUILDING B-CELL 77% FLOOR AREA CLEARED OF DISPERSIBLES
Planning Date Target Date Decrement Date Level: FO Keyword: CC
9/30/1996 9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference: 5480.5 & 5481.1B
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

% COMPLETE BASED ON TEMPORARY PACKAGING OF DISPERSIBLE CONTAMINATION FOR STORAGE IN CELL, AND REMOVAL OF RACKS AND EQUIPMENT NECESSARY TO HAVE ACCESS TO THE DISPERSIBLE CONTAMINATION.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 8410-00-0005 TPA MS NO.: NONE
 Title: INITIATE CLEANOUT OF 327 BUILDING DECONTAMINATION CELL
 Planning Date: 9/30/1997 Target Date: 9/30/1997 Decrement Date: 9/30/1997 Level: FO Keyword: O
 Driver Name: FED Driver Reference: 40 CODE OF FED REGU 61 SUB H
 PRESENT IN Tiger Team: N Program Execution Guidance: N
 Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

Initiate decontamination of the unused decontamination cell in 327 Building and utilize "lessons learned" to direct the later decontamination of other facility hot cells.

Milestone No.: Milestone Seq: 8410-00-0020 TPA MS NO.: NONE
 Title: PERFORM OP TESTS ON ALL KEY 327 BLDG SYSTEMS & COMPLETE REPAIRS
 Planning Date: 9/30/1997 Target Date: 9/30/1997 Decrement Date: 9/30/1998 Level: FO Keyword: O
 Driver Name: FED Driver Reference: 40 CODE OF FED REG 61, SUB H
 PRESENT IN Tiger Team: N Program Execution Guidance: N
 Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

Conduct operational tests of all 327 Building critical facility systems and complete repairs required to restore them to normal operations.

Milestone No.: Milestone Seq: 8410-00-0070 TPA MS NO.: M-20 SUP
 Title: 324 BLDG W/ING BLDG 2ND FLOOR AREA CLEARED OF DISPERSIBLES
 Planning Date: 9/30/1997 Target Date: 9/30/1997 Decrement Date: 9/30/1997 Level: FO Keyword: CG
 Driver Name: DOE Driver Reference: 5480.5, 5481.1B
 PRESENT IN Tiger Team: N Program Execution Guidance: N
 Roadmap: N Current Year Workplan: N Safety and Health: Y

Description:

% COMPLETE BASED ON TEMPORARY PACKAGING OF DISPERSIBLE CONTAMINATION FOR STORAGE IN CELL, AND REMOVAL OF RICKS AND EQUIPMENT NECESSARY TO HAVE ACCESS TO THE DISPERSIBLE CONTAMINATION.

Milestone No.: Milestone Seq: 8410-00-0025 TPA MS NO.: NONE
 Title: EVALUATE EFFECTIVENESS OF 327 BLDG RAD SURVEY AND MAINT SCHEDULES
 Planning Date: 9/30/1998 Target Date: 9/30/1998 Decrement Date: 9/30/1999 Level: FO Keyword: O
 Driver Name: FED Driver Reference: 40 CODE OF FED REG 61, SUB H
 PRESENT IN Tiger Team: N Program Execution Guidance: N
 Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

EVALUATE THE OVERALL EFFECTIVENESS OF THE RADIOLOGICAL SURVEY & PREVENTIVE MAINTENANCE SCHEDULES TO DETERMINE WHETHER 327 BLDG SYSTEMS ARE BEING MAINTAINED IN A FULLY OPERATIONAL STATE.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 8410-00-0085 TPA MS NO.: M-20 SUP

Title: 324 BUILDING B-CELL 99% FLOOR AREA CLEARED OF DISPERSIBLES

Planning Date Target Date Decrement Date Level: 0 Keyword: 0
 9/30/1998 9/30/1998 9/30/1998 PTS: N SMS: N

Driver Name: DOE Driver Reference: 5840.0 & 5840.1B

PRESENT IN Tiger Team: N Program Execution Guidance: N

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

Description:

% COMPLETE BASED ON TEMPORARY PACKAGING OF DISPERSIBLE CONTAMINATION FOR STORAGE IN CELL, AND REMOVAL OF RACKS AND EQUIPMENT NECESSARY TO HAVE ACCESS TO THE DISPERSIBLE CONTAMINATION.

Milestone No.: Milestone Seq: 8410-00-0030 TPA MS NO.: NONE

Title: CONDUCT PREVENTIVE MAINTENANCE OF CRITICAL 327 BUILDING SYSTEMS

Planning Date Target Date Decrement Date Level: 0 Keyword: 0
 9/30/1999 9/30/1999 9/30/2000 PTS: N SMS: N

Driver Name: FED Driver Reference: 40 CODE OF FED REG 61. SUB H

PRESENT IN Tiger Team: N Program Execution Guidance: N

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

Description:

ASSURE THAT ALL CRITICAL 327 BUILDING SYSTEMS ARE FULLY OPERATIONAL BY PERFORMING REGULAR PREVENTIVE MAINTENANCE ON A SCHEDULED BASIS.

Milestone No.: Milestone Seq: 8410-00-0090 TPA MS NO.: M-20 SUP

Title: 324 BUILDING B-CELL DUCT CLEANOUT INITIATED

Planning Date Target Date Decrement Date Level: 0 Keyword: 0
 9/30/1999 9/30/1999 9/30/1999 PTS: N SMS: N

Driver Name: DOE Driver Reference: 5480.0 & 5480.1B

PRESENT IN Tiger Team: N Program Execution Guidance: N

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

Description:

ACTIVITIES WILL BEGIN TO CLEAN OUT THE B-CELL EXHAUST DUCTWORK IN THE 324 BUILDING.

Milestone No.: Milestone Seq: 8410-00-0010 TPA MS NO.: NONE

Title: VERIFY NO NEW FISSIONABLE MATERIAL BUILDUP IN 327 BUILDING

Planning Date Target Date Decrement Date Level: 0 Keyword: 0
 9/30/2000 9/30/2000 9/30/2001 PTS: N SMS: N

Driver Name: DOE Driver Reference: 5840.0

PRESENT IN Tiger Team: N Program Execution Guidance: N

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

Description:

Re-evaluate 327 Building ventilation and drain systems to determine whether any new buildup of fissionable materials is beginning.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 8410-00-0100 TPA MS NO.: M-02 SUP

Title: 324 BUILDING B-CELL SAFETY ISSUE RESOLVED

Planning Date: 9/30/2000 Target Date: 9/30/2000 Decrement Date: 9/30/2000 Level: FO Keyword: CC
PTS: N SMS: N

Driver Name: DOE Driver Reference: 5480.5 & 5481.1B

PRESENT IN Tiger Team: N Program Execution Guidance: N

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

Description:

FINAL REMOVAL OF HIGHLY DISPERSIBLE ACTIVITY DEBRIS AND EQUIPMENT FROM B-CELL WILL BE ACCOMPLISHED. FINAL SCW WILL BE PACKAGED AND TRANSFERRED TO WHC.

Milestone No.: Milestone Seq: 8410-00-0045 TPA MS NO.: NONE

Title: COMPLETE DECONTAMINATION OF 327 BLDG DRY STORAGE AND E CELL

Planning Date: 9/30/1999 Target Date: 9/30/2001 Decrement Date: 9/30/2001 Level: FO Keyword: O
PTS: N SMS: N

Driver Name: FED Driver Reference: 40 CODE OF FED REGUL 61, SUB H

PRESENT IN Tiger Team: N Program Execution Guidance: N

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

Description:

Remove all stored radioactive waste and sample materials from the 327 Bldg. dry storage areas and from E cell, and complete the decontamination of their interiors to levels compatible with ultimate D&D.

Milestone No.: Milestone Seq: 8410-00-0050 TPA MS NO.: NONE

Title: COMPLETE THE DECONTAMINATION OF 327 BLDG C AND D CELLS

Planning Date: 9/30/2000 Target Date: 9/30/2001 Decrement Date: 9/30/2001 Level: FO Keyword: O
PTS: N SMS: N

Driver Name: FED Driver Reference: 40 CODE OF FED REGUL 61, SUB H

PRESENT IN Tiger Team: N Program Execution Guidance: N

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

Description:

Remove all stored radioactive waste and sample materials from 327 Building hot cells C and D, and complete the decontamination of their interiors to levels compatible with ultimate D&D.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 8410-00-0095 TPA MS NO.: NONE
Title: COMPLETE DECONTAMINATION OF 327 BUILDING B, H AND I CELLS
Planning Date Target Date Decrement Date Level: 40 Keyword: O
9/30/1998 9/30/2001 9/30/2001 PTS: N SMS: N
Driver Name: FED Driver Reference: 40 CODE OF FED REG 61. SUB H
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N

Description:

Remove all stored radioactive waste and sample materials from 327 Bldg hot cells B, H and I, and complete the decontamination of their interiors to levels compatible with ultimate D&D.

NARRATIVE

LAST UPDATE: 04-22-1994 TIME: 14:21:31

Technical Scope Summary(Limit 15 line or less):

This program will remove the accumulated, highly dispersible radioactive contamination from the 324 Building B-Cell to resolve a major safety concern. Cleanout operations system repair and maintenance; and packaging, storing and removing the Radioactive Mixed Waste (RMW) and Special Case Waste (SCW) from the cells are also included.

Surveillance/maintenance and clean-out of the 327 Building is also included. Clean-out includes the capability to locate, identify, and remove legacy contamination from the interior of the 327 building, its hot cells, and associated mechanical and ventilation equipment, and to prepare the facility for ultimate D&D.

Technical Scope Detail(Limit 104 lines or less):

This ADS supports subactivities (SAs) designated throughout this ADS by the 2-digit suffix.

AA) 324 Building B-Cell Safety Cleanout to resolve a major safety issue.

The 324 Building hot cell radioactive source term results from immobilization of 70 million Ci, over a 20-year period, for DOE sponsored programs. The major Pacific Northwest Laboratory programs have included the Waste Solidification Engineering Prototypes Program, the Nuclear Waste Vitrification Program, the Zeolite Vitrification Demonstration Program, and the Nuclear Waste Treatment Program's Pilot-Scale Radioactive Liquid-Fed Ceramic Melter Testing task. Additional to the source term of these programs and other programs have left the hot-cells filled with highly contaminated equipment, cell waste, hazardous waste and radioactive materials.

The approach for disposition of Remote Handled-RMW (RH-RMW) that may be

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NARRATIVE Continued

encountered during full cleanout is presently being defined. The budget shown in this ADS includes time and funds for packaging RH-RMW so it can be stored temporarily in B-Cell, assuming concurrence is obtained from DOE and the State of Washington Department of Ecology (WDOE).

The scope of work for the 324 Building B-Cell Cleanout Project includes:

- Packaging and removal of the 1,500,000 Ci of highly dispersible radioactive contamination in 324 Building B-Cell. NOTE: As this material is collected, sampled, analyzed and designated, it is expected that some of it will be designated RH-RMW which has no storage-disposal pathway. Options for disposition of this material are being evaluated.
- Removal and disposal of all pilot-scale equipment systems which were used for spent fuel shearing and dissolution, liquid waste treatment, process condensate treatment, waste vitrification, borosilicate glass-filled canister decontamination and storage, and spent fuel storage.
- Packaging and transfer to WHC engineered storage of radioactive materials generated during research programs, including spent fuel and borosilicate glass (WHC Project W-772, WHC ADS 2200-0 TDD AR).
- Decontamination of the 324 Building B-Cell ventilation duct to protect the B-Cell A-Cell filters.
- Decontaminate target cell re-creation conditions by January 1996.

Other subactivities supported by this ADS are:

BA) 327 Building Surveillance and Maintenance to provide routine S&M of key facility hot cells and systems which are required for the safe storage of radioactive fuels and materials samples;

CA) 327 Building Hot Cell Cleanout to locate, identify, and remove legacy contamination from the interior of the facility, its hot cells and associated mechanical and ventilation equipment, and to prepare the facility for ultimate D&D; and

DA) CsII Legacy Safety Program to supplement the Defense funding under ADS 8400-00-SA that provides containment and safe storage/disposal for megacuries of Cs remaining from defunct programs.

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

AA) At the start of the program in mid-FY 1988, a detailed technical program plan was prepared, reviewed and approved. A detailed work breakdown structure was used to estimate cost and time for each cost account and to prepare overall program schedule and program plan. A

NARRATIVE Continued

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modified earned-value program management approach was implemented to identify cost and schedule variances, using change controls to keep scope, schedule and budget current. Progress is reviewed every six months - DOE-HQ and DOE-RL. Logic diagrams for the major tasks were constructed to show the sequence and interrelation of events and aid in determining the fraction completed for earned value. Program activities in FY 1994 were planned by updating the February 1993 critical path activity network that included specific equipment removal activities as well as supporting activities. The updating includes lessons learned on FY 1993 activities; removal and size reduction of the 3A, 3B, and 4A Rack. The approach was also used as a basis for replanning the project and finalizing the overall Project Management Plan and the Technical Project Plan. The results of replanning activities in late FY 1993 and the first half of FY 1994 were used in preparation of this ADS.

BA) Schedules for preventive/required maintenance activities and comprehensive radiological surveys were prepared, approved, and implemented during FY 1993.

CA and DA) Only conceptual planning has been completed.

Current Year (FY 1994) Description:

AA) At the end of FY 1994, B-Cell floor area will be 63% cleared with the completion of the following activities which are specified in detail (per earned value management system) in the project management plan: - 4A Rack removal (TK-120 storage rack)

- RLFCM removal
- Turntable removal (50% complete)
- Pipe trench flush and pipe removal (43% complete)

BA) Assay instrumentation for holdup measurements will be procured. A task plan outlining the methodology of the holdup measurements is undergoing review. Preparations are underway to perform more detailed radiological dose rate determinations on the facility ventilation ducts and other equipment to obtain information which will assist in calibrating the assay system. After evaluating the survey data and completing procurement of the assay equipment, the assay work will begin. Preventive/required maintenance will continue to be conducted in accordance with the existing schedule, as will radiological survey activities. Legacy waste materials will be sorted, categorized, and re-packaged for eventual disposal. Other activities such as removal and control of legacy contamination, unscheduled repairs necessitated by equipment failure due to age or condition, and general decontamination will be carried out throughout the year on an as-needed basis.

DA) A plan to disposition megacurie quantities of Cs was prepared; loose CsCl powder will be sealed into containers and cleanup in the 324 Building will be initiated.

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

AA) The 327 Building B-Cell floor area will be 71% cleared through completion of the following activities:

- Define RH-RMW disposition approach by January 1995
- Complete fissionable removal
- Pipe trench flush and pipe removal
- LA Rack removal
- Initiate procurement of containers and casks for special case waste

BA) The following activities will be performed:

- Scheduled preventive maintenance will be performed as well as maintenance which is required to restore essential systems to full operational status.
- Radiological surveys of building systems and equipment will be carried out in accordance with the approved schedule.
- Radiological contamination discovered during survey activities will be either contained or removed as appropriate.
- The containment boundary of each hot cell will be inspected.
- Storage bins and storage areas will be periodically examined and their contents verified during accountability audits.

DA) Damaged spent capsules will be examined, and repackaging of the capsules will be initiated.

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

DECREMENT LEVEL ACTIVITIES:

AA) The 324 Building B-Cell floor area will be 77% cleared through completion of the B Rack Removal activity. \$10,509K

TARGET LEVEL ACTIVITIES:

AA) Define final B-cell restoration conditions by January 1996, based on projection of future hot-cell needs. \$238K

BA) Surveillance and Maintenance activities for the 327 Building (Scheduled maintenance and radiological survey activities will continue. Required maintenance will be performed to restore essential building systems to operational status. Migrating legacy contamination will be removed or fixed in place as appropriate. Fissionable material holdup assay work will continue until all building systems have been examined.

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NARRATIVE Continued

Planning for the safe removal of holdup material which is discovered will be completed, and removal work will begin when authorized. Accountability of all stored radioactive materials will be maintained. \$1,396K

DA) Supplemental funding for ADS 8400-0-SA CsCl Legacy Safety Program \$221K

Outyears (FY 1997 - FY 2000) Description (Limit 48 lines or less)

AA) Cleanout of the 324 Building B-Cell will be completed. Completion of the following activities:

- 2A rack removal
- 7B fuel storage rack removal
- Gallery services removal
- Final removal of highly dispersible activity from B-Cell - Final special case wastes packaged and transferred to WHC - Final removal of debris and equipment from B-Cell
- B-Cell Safety Issue resolved

BA) Scheduled maintenance and radiological survey activities will continue. Required maintenance will be performed to restore essential building systems to operational status. Migrating legacy contamination will be removed or fixed in place as appropriate. Removal of holdup fissionable materials will be completed during this period. Accountability of all stored radioactive materials will be maintained.

CA) Limited cleanout of the 327 Building legacy wastes will be performed.

Impacts/Assumptions (Limit 42 lines or less):

Budget constraints create impediments to achieving all scheduled program objectives. The following would result with funding only at the current level:

- Surveillance and maintenance of the 327 Building would not be performed and unacceptable safety and health conditions would result (BA). Failure to fund this work will greatly increase the likelihood that radiological contamination will eventually be released from the facility as the equipment and key systems continue to age and ultimately fail.

Assumptions include:

- Program scope will not increase over that outlined in this ADS and in the April 1993 Technical Program Plan (B-Cell component) (TRC-005 draft).
- The Westinghouse Hanford Corporation (WHC) Waste Management Criteria (WHC-0063-3) as of February 1993 will not become more restrictive.

NARRATIVE Continued

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NARRATIVE Continued

- The WHC Special Case Waste Storage Facility (WHC Project W-272, WHC ADS 2200-0 and AR) will be established on time to meet the B-Cell schedule.
- The current maintenance program will prevent major equipment failures.
- Productivity Commitments can be attained each year as assigned to reallocate funding for otherwise unfunded, critical activities.

Supporting Documents(Limit 5 lines or less):

Draft 324 Bldg SAR/OSRs; 10 CFR 100; TPA mlstns: M-02-00, -03-00, -03-02, -10-00, -20-00; DOE 5480.USQ, 5480.5, .24, .48, and 5481.1B; RCRA-EPA (40 CFR 61 Subpart H, 261.2, .3, .10, .11, .20, .22, .24, 262.34, 1501.3); WAC (173-307-016, -017, -070, -071, -080, -081, -082, -083, -084, -090, -100, -101, -102, -104, -200, 173-400, 266-247); NEPA (5440.1); OSHA

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:

PNL facilities have the potential for releasing hazardous materials to the air.

CWA:

PNL facilities use certain regulated materials. The disposal of these materials must not be through air or liquid effluent streams.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

DOE:

As a result of research activities, PNL generates hazardous wastes at the 329 Building. All DOE Orders associated with laboratory operations including those related to waste management and ES&H are applicable to PNL.

NEPA R:

PNL initiates and conducts numerous research and development activities that must be evaluated for any potential impacts to the environment.

OSHA:

Workers may encounter potentially hazardous conditions in the PNL facilities.

RCRA:

PNL treats, stores, and disposes of hazardous wastes on a small scale.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

ST:

PNL facility operations are subject to Washington State dangerous waste regulations and discharge release criteria.

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DESCRIPTION OF REGULATORY DRIVERS (continued)

RMJ facility operations are subject to Washington State dangerous waste regulations and discharge release criteria.

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Operations Office: RL ID No.: 8410- 2 Revision Date: 4/21/1994
 ADS Title: 329 BUILDING COMPLIANCE (PNL)
 WBS No.: 1.3.7.7.4 Category: WM Appr.: N
 Project Title: 329 BUILDING COMPLIANCE Facility/WAG: 329 BUILDING
 Installation: HANFORD CID: RL01830 %OVHD: 24
 For Line Item Project: 91-E-32200 TPC: 9400 TEC: 9100
 Contig: 256
 CNTR Manager: MASSEY, HD Phone: 509-375-6846
 O.O. Manager: JONES, DK Phone: 509-376-7947
 H.Q. Manager: KEENAN, JJ Phone: 301-903-7121
 Auxiliary Fields: 1. 0 2. 0 3. 0

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: N RCRA: Y 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		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	1,800	0		D	0	0	0	0
				E	0	0	0	0
TOTAL	1,800	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	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	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

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Budget Detail Profile

DESC: RICHLAND SCIENCE & TECH RESEARCH-					FY96 DRIVER CATEGORY				
SUB-DESC: PROGRAM: EM SUBACT: WB					DECREMENT	TARGET	PLAN	IMM RISK	
TITLE: 329 BUILDING COMPLIANCE (PNL)									
APPROP: N									
				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	0	0	0	0	0
EX3130010	0	0		E	0	0	0	0	0
35EX31301	0	0		F	0	0	0	0	0
39EX31301	0	0		G	0	0	0	0	0
39EX31301	1,800	0		H	0	0	0	0	0
				I	0	0	0	0	0
TOTAL	1,800	0		TOTAL	0	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EX3130010	0
35EX31301	0
39EX31301	0
39EX31301	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX3130010	0	0	0	0	0
35EX31301	0	0	0	0	0
39EX31301	0	0	0	0	0
39EX31301	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EX3130010	0	0	0	0	0
35EX31301	0	0	0	0	0
39EX31301	0	0	0	0	0
39EX31301	0	0	0	0	0
TOTAL	0	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 8410 2
Title: 329 BUILDING COMPLIANCE (PNL)
Transferred in its entirety: Y
Explanation of Change:

MILESTONES

Milestone No.: Milestone Seq: 8410-02-0015 TPA MS NO.: NONE
Title: COMPLETE 329 BUILDING PHASE II DEMOLITION & START CONSTRUCTION
Planning Date Target Date Decrement Date Level: FO Keyword: O
8/31/1994 8/31/1994 8/31/1994 PTS: Y SMS: Y
Driver Name: CAA Driver Reference: 40 CFR 61.92
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
COMPLETE PHASE II DEMOLITION AND BEGIN CONSTRUCTION IN THE SECOND PHASE OF THE
PROJECT. PHASE 2 COVERS SECTION A OF THE BUILDING.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: Milestone Seq: 8410-02-0020 TPA MS NO.: NONE
Title: COMPLETE 329 BUILDING RENOVATION PROJECT
Planning Date Target Date Decrement Date Level: FO Keyword: 0
6/30/1995 6/30/1995 6/30/1995 PTS: Y SMS: Y
Driver Name: CAA Driver Reference: 40 CFR 61.92
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
THE PROJECT WILL BE COMPLETED FOR CONSTRUCTION ACCEPTANCE AND STARTUP OF ACTIVITIES.

NARRATIVE

LAST UPDATE: 04-22-1994 TIME: 14:28:51

Technical Scope Summary(Limit 15 line or less):

The purpose of this project is to ensure continuity of operations in a vital laboratory facility that supports DOE missions to environmental restoration. This project was authorized in the FY91 budget to renovate major building systems in an aged but strategically important laboratory to improve ventilation, air filtration, and water piping to control radionuclides and ensure safe liquid effluents. These renovations are necessary to comply with the Clean Air Act, Clean Water Act, RCRA, and other requirements.

Technical Scope Detail(Limit 104 lines or less):

The project includes the following modifications to the 329 Building: upgrade of the fire protection systems to meet NFPA 13, replacement of a portion of the building electrical system to meet NFPA 70, National Electrical Code; upgrade HVAC system to meet requirements of 40 CFR 61, National Standard for Hazardous Pollutants and to comply with the Best Available Radionuclide Control Technology (BARCT) requirements; State of Washington Administrative Code (WAC) Chapter 402-80, Monitoring and Enforcement of Air Quality and Emission Standards for Radionuclides; establish a laboratory and corridor fire separation to comply with NFPA 101, which are mandatory requirements of DOE Order 6430.1A; provide access for the physically handicapped to comply with 41 CFR 101.19.6, Uniform Federal Accessibility Standard; modify laboratories to relieve crowding and reduce safety risks, replacement of corroded service piping; replacement of deteriorated waste piping systems to comply with DOE 5400.1, General Environmental Protection Program requirement, 40 CFR 116, Federal Water Pollution Control Act, and 40 CFR 261-265, Resource Conservation Recovery Act (RCRA) which requires that hazardous materials cannot be released in a liquid effluent. Extensive pipe corrosion holds the potential for containing radioactive constituents.

NARRATIVE Continued

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Act. Comp. to Date/Current Year (FY 1994) Desc. (Limit 52 lines or less):
Definitive design was completed in May 1993, six months later than anticipated. This has impacted the completion date for the overall project.

Phase I demolition commenced on schedule in October 1992, and was substantially completed in the last quarter of FY93. The work was slowed so that the restrooms/changerooms could remain in operation as long as possible for the building occupants. A fixed price construction contractor initiated the Phase I construction in August 1993. The duration of the two construction phases remains unchanged.

Construction activity includes the following work:

- Provide supervision and technical direction to the onsite and offsite construction contractors. Develop detailed construction schedules consistent with project requirements. Assure industrial and nuclear safety at the construction site. Update project documents, control media, reports, schedules, and cost summaries as new information becomes available. Assure submittal review is appropriate.
- Provide engineering review and inspection management and coordination to ensure quality end product. Review submittals as required by construction and procurement specifications. Prepare weekly reports documenting the inspections and issues. Prepare, review, and disposition Engineering Change Notices (ECNs) documenting contractor deviation from the design, if required. Provide Cost Estimating support for ECNs, if any.
- Issue excavation and/or drilling and/or tie-in permits and welding and/or cutting permits to the onsite construction contractor. Approve radiation work procedures, if required, initiated by the onsite construction contractor. Review vendor submittals (shop drawings, catalogue cuts, calculations, certifications, warranties, etc.).
- Conduct a final inspection, testing, and acceptance of completed facilities for operation. Conduct a support project startup readiness review as required. Supervise accurate completion of as-built drawings. Prepare the project close-out documents, and obtain the require approvals. Arrange for disposition and/or storage of project materials.

The first phase of demolition and construction is in the Section B of the building. People and equipment from this area have been moved out of B section and limited to the labs in A and C sections in the interim. Construction of the first phase commenced in August 1993 and is scheduled to be complete in the third quarter of FY94.

Current Year (FY94) Description:

~~NARRATIVE Continued~~

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After the laboratory space in the first phase (B section) is completed (6/94), staff and equipment will be relocated from A section to B section (8/94) and work will commence on demolition and construction in the second phase of the project. The Phase I and II construction work will be about 85% complete by the end of the FY.

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

Activities in FY95 are conducted with funds carried from FY94. Early in the third quarter of FY95, the Phase II construction will be completed and fully operational. Staff and equipment will complete the final move into the Phase II laboratories. Project closeout will be completed late in the third quarter.

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

No activity; the building is operational.

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

No activity; the building is operational.

Impacts/Assumptions(Limit 42 lines or less):

The schedule, scope and cost of this activity are based upon the following assumptions: Phased out construction activities can proceed as planned; the quantity of hazardous and mixed waste materials generated during demolition is less than or equal to that which is estimated; regulations do not significantly change; and the methods and procedures that are planned for disposal of the hazardous and low level waste construction debris do not change and the cost of disposal is less than or equal to that estimated. At the time, this project was validated in FY89 for funding, the cost was estimated to be \$7.3 million. In the execution of the work several factors have contributed to the cost increases (and decreases) which have caused a net increase to the present \$9.1 million. They are summarized in order of cost impact as follows:

- Additional fume hoods needed beyond that shown in the CDR to meet today's safety requirements for laboratory work.
- Increased engineering costs attributed to new safety, environmental, and QA requirements, higher liquidation rates for the onsite AE, and additional engineering needed for the change room modifications, installation of additional fume hoods, and for planning/designing the modifications to minimize the impact and disruptions to ongoing activities in that building.
- Increased demolition costs to comply with DOE 6430.1A requirements regarding abatement of asbestos and hazardous low level wastes.

~~NARRATIVE Continued~~

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NARRATIVE Continued

- The cost to buy low-level waste has increased significantly since the CDR was completed, and fare exceeded the total contingency allowance for the project in the CDR estimate. The estimated cost would have been much greater, except a detailed survey allowed the estimated volume of potentially contaminated building demolition waste material to be reduced from 15,000 cf to 3,655 cf. In addition, to reduce waste volumes a compactor has been used by CF.

- The Conceptual Design did not provide for modifications of the change room, but new DOE 6430.1A requirements implemented since the CFR requires an extensive modification to change room area.

- The cost of escorts was eliminated due to the change in security requirements in the 300 Area.

The additional funds to complete the project is that amount received in FY94.

Supporting Documents(Limit 5 lines or less):

DOE Order 6430.1A, pages 1-8, 1-9, 15-6, 16-1; WAC 402-80 2.1; CAA (40 CFR 61.92; Federal Water Pollution Act (40 CFR 116); RCRA (40 CFR 262.10(e)); 5480.11 3(a); NFPA 101 5-1.3 and NFPA 101 31-1.8; NFPA 45 6-2; NFPA 13 1-2; RLIP 5480.10 Part D, Attachment D-1; DOE 6430.1A pages 1-8, 9, 55, 15-6, and 16-1.

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.

LAST UPDATE: 04-16-1993 TIME: 09:56:11

DESCRIPTION OF REGULATORY DRIVERS

CAA:

The PNL 329 Building has the potential for releasing hazardous materials to the air.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

CWA:

The PNL 329 facility uses certain regulated materials. The disposal of these materials must not be through air or liquid effluent streams.

DOE:

As a result of research activities, PNL generates hazardous wastes at the 329 Building. All DOE Orders associated with laboratory operations including those related to waste management and ES&H are applicable to PNL.

FED:

The PNL 329 facility is not in compliance with the National Fire Protection Requirements Act.

NEPA R:

PNL initiates and conducts numerous research and development activities in the 329 Building that must be evaluated for any potential impacts to the environment.

DESCRIPTION OF REGULATORY DRIVERS Continued

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DESCRIPTION OF REGULATORY DRIVERS Continued

OSHA:

Workers may encounter potentially hazardous conditions in the PNL 329 facility.

RCRA:

The PNL 329 facility treats, stores, and disposes of hazardous wastes on a small scale.

ST:

The PNL 329 facility operations are subject to Washington State dangerous waste regulations and discharge release criteria.

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Operations Office: RL ID No.: 9996- 0 Revision Date: 4/23/1994
 ADS Title: COST AND MANAGEMENT EFFICIENCY INITIATIVES PROGRAM
 WBS No.: 1.3.1.1 Category: WM Appr.: D
 Project Title: PROGRAM MANAGEMENT Facility/WAG: Multiple
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: N/A TPC: TEC:
 Contig: 0
 CNTR Manager: Kirkendall, JR Phone: 509-376-1577
 O.O. Manager: Wiley, JW Phone: 509-372-3241
 H.Q. Manager: TBD Phone:
 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: N
 DOE: N IAG: N OSHA: N ORD: N ST : N TRI : Y FED : N FFCA: N
 OTHER 1: Y OTHER 2: N OTHER 3: N

Summary Funding Profile

B&R	FY94 APPR	FY95 PRES	FY95 APPR	A	FY96 DRIVER CATEGORY			IMM RISK
					DECREMENT	TARGET	PLAN	
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	1,500	0
				TOTAL	0	0	1,500	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	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	1,500	1,565	1,632	1,702	1,775
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	1,500	1,565	1,632	1,702	1,775

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

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	10	10	10	10	10
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

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Budget Detail Profile

DESC: PROGRAM MANAGEMENT				FY96 DRIVER CATEGORY			
SUB-DESC: PROGRAM: EM SUBACT: AA				DECREMENT	TARGET	PLAN	IMM RISK
TITLE: COST AND MANAGEMENT EFFICIENCY I							
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
EW3110000	0	0		E	0	0	0
35EW31100	0	0		F	0	0	0
39EW31100	0	0		G	0	0	0
39EW31100	0	0		H	0	0	0
				I	0	1,500	0
TOTAL	0	0		TOTAL	0	1,500	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3110000	0
35EW31100	0
39EW31100	0
39EW31100	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110000	0	0	0	0	0
35EW31100	0	0	0	0	0
39EW31100	0	0	0	0	0
39EW31100	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3110000	1,500	1,565	1,632	1,702	1,775
35EW31100	0	0	0	0	0
39EW31100	0	0	0	0	0
39EW31100	0	0	0	0	0
TOTAL	1,500	1,565	1,632	1,702	1,775

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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.: NONE Milestone Seq: 9996-00-0005 TPA MS NO.: ALL
Title: MONTHLY COMPANY-WIDE PROGRESS REPORTS
Planning Date Target Date Decrement Date Level: FO Keyword: O
1/15/1996 PTS: N SMS: N
Driver Name: TRI Driver Reference:
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:
Report re-engineering progress at a company-wide level to the SMRAT, USDOE,
Westinghouse Corporate, regulators, and stakeholders on a monthly basis.

MILESTONES Continued

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MILESTONES Continued

Milestone No.: N Milestone Seq: 9996-00-0010 TPA MS NO.: ALL
Title: QUARTERLY REPORT
Planning Date Target Date Decrement Date Level: HQ Keyword: O
1/01/1996 PTS: N SMS: N
Driver Name: TRI Driver Reference:
PRESENT IN Tiger Team: Program Execution Guidance:
Roadmap: Current Year Workplan: Safety and Health:
Description:
RL MILESTONE - Prepare quarterly progress reports to Tri-Party Agreement, Senior Executive Committee.

NARRATIVE

LAST UPDATE: 04-23-1994 TIME: 14:43:06

Technical Scope Summary(Limit 15 line or less):

Westinghouse Hanford Company (WHC) embraces President Clinton's initiative directed at reducing the cost of government funded activities and our commitments to cost savings initiatives agreed to in the Tri-Party Agreement. As a result, WHC has established the Reengineering Program Management Office (RPM) as a focal point for working fundamental, radical improvement to cost, quality and or timeliness of M&O work process in order to make Hanford cleanup more competitively priced. RPM will provide an organized, strategic, project management approach to the reengineering of the M&O work processes.

Technical Scope Detail(Limit 104 lines or less):

RPM supports the commitment to achieve cost reduction and reduce the cost of cleanup at Hanford. In addition to cost savings, schedule acceleration, regulatory reductions, and economic transition objectives will be measured as progress indicators. RPM activities in support of the goal include:

1. Coordinate with the Senior Management Reengineering Action Team (SMRAT) to identify strategic target processes for competitive reengineering or outsourcing;
2. Coordinate with each mission area to identify process owners and users who will reengineer non-outsourced strategic target processes;
3. Working with the process owners, establish a schedule for reengineering each process, including recommendations and fast-track implementation;
4. Support process owners in reengineering by identifying tools and preparing action plans;
5. Maintain the basis for which to measure scope and cost changes resulting from reengineering;
6. Establish the methodology for quantifying changes to the basis resulting from reengineering;
7. Facilitate removal of disincentives and the development of incentives for managers and individual contributors to support dramatic improvement;

NARRATIVE Continued

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~~NARRATIVE Continued~~

8. Report reengineering progress at a company-wide level to the SMRAT, DOE, Westinghouse Corporate, regulators and stakeholders; and
9. Coordinate with Transition Center to ensure consistency regarding processes to be outsourced.

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

To date, a number of categories have been established to focus efforts toward the cost savings goal of \$1 billion. They include, but are not limited to:

- Internal Reengineering for Competitiveness
- Competitive Outsourcing
- Pollution Prevention
- Process Enhancement

Each category is being coordinated by a project manager with process owners assigned to each supporting activity. A project management approach is being applied so that each initiative can be tracked by a central organization to assure cost savings are validated and to determine areas where additional action is needed.

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

Most activities identified under Technical Scope Detail are ongoing.

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

See current year description. Activities are ongoing.

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

See current year description. Activities are ongoing.

Impacts/Assumptions(Limit 42 lines or less):

- Cost savings will demonstrate efficient management which in turn will help assure continued support from Congress and the public for clean-up of the Hanford Site in compliance with the Tri-Party Agreement.
- Cost savings will be applied to cleanup work at Hanford which will allow more cleanup.
- THE RPM will remain a small organization focused on coordination and integration of process owners throughout the M&O.
- Process owners will be funded by other sources.
- Hanford Site mission will continue to focus on environmental cleanup as outlined in the Hanford Federal Facility Agreement and Consent Order.
- RPM will continue to serve in site-wide project management role.
- RPM will continue to identify and develop additional tools and resources as resources to process owners.
- RPM will establish and coordinate company-wide re-engineering schedules and implementation plans
- RPM will continue to report company-wide progress to internal and external customer

Supporting Documents(Limit 5 lines or less):

- Tri-Party Agreement

~~NARRATIVE Continued~~

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NARRATIVE Continued

- Tri-Party Agreement Cost and Management Efficiency Initiatives

Performance Measures(Limit 15 lines or less):

The Hanford Performance Measurement Program (HPMP). A sitewide multidiscipline team comprised of members from the U.S. Department of Energy, Richland Operations Office (RL), Hanford Environmental Health Foundation, ICF Kaiser Hanford Company, Pacific Northwest Laboratory (PNL), MAC Technical Services Co. (MACTEC), and Westinghouse Hanford Company (WHC).

RPM will rely on the guidance and expertise of HPMP to support the development of performance measures to measure process improvement. *FY93
TEXT*

DESCRIPTION OF REGULATORY DRIVERS

TRI:

The framework for site-wide environmental cleanup at Hanford is outlined in the Hanford Federal Facility Agreement and Consent Order, commonly referred to as the Tri-Party Agreement.

*National Defense Authorization Act of 1992, Section 3161

NARRATIVE Continued
Tri-Party agreement Cost and Management Efficiency Initiative

Performance Measures/Limit is listed as follows:
The Hanford Performance Measurement Program (HMP) is a slide
multidisciplinary team comprised of members from the U.S. Department of
Energy, Richard Operations Office (RO), Hanford Environmental Health
Foundation, ICE Kaiser Hanford Company, Pacific Northwest Laboratory (PWL),
MAC Technical Services Co. (MATECO), and Washington Hanford Company
(WHC).
RPM will rely on the guidance and expertise of HMP to support the
development of performance measures to ensure process improvement. (10)
TEXT

DESCRIPTION OF REGULATORY DRIVER
The framework for site activities is outlined in the Hanford Federal Facility Agreement and is referred to as the Tri-Party Agreement. (10)
National Defense Authorization Act of 1991, Section 1511

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Operations Office: RL ID No.: 9997- 0 Revision Date:
 ADS Title: STEAM UTILITY OPERATIONS
 WBS No.: 1.6.8.2 Category: Appr.:
 Project Title: HANFORD Facility/WAG:
 Installation: CID: %OVHD: 0
 For Line Item Project: TPC: TEC:
 Contig: 0
 CNTR Manager: Greenber, A Phone:
 O.O. Manager: Broderick, JJ Phone:
 H.Q. Manager: Feldt, EG Phone:
 Auxiliary Fields: 1. 2. 3.

WASTE TYPES (% of FY96 Dollars)

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

REGULATORY DRIVERS

CAA: CWA: SDWA: RCRA: 3004U: TSCA: CERCLA: NEPA:
 DOE: IAG: OSHA: ORD: ST : TRI : FED : 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	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
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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	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

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Budget Detail Profile

DESC:					FY96 DRIVER		CATEGORY	
SUB-DESC:	PROGRAM:		SUBACT:		DECREMENT	TARGET	PLAN	IMM RISK
TITLE:								
APPROP:								
				A	0	0	0	0
				B	0	0	0	0
B&R	FY94	APPR	FY95	PRES	FY95	APPR	C	0
				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
TOTAL					0	0	0	0
				TOTAL	0	0	0	0

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
	0
	0
	0
	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
TOTAL	0	0	0	0	0

Environmental Management
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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

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DESCRIPTION OF REGULATORY DRIVERS

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Type Field Submission
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Date:
Time:

00/00/00

Date:

00-0000-00

DESCRIPTION OF REGULATORY BELIEF

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Environmental Management
 FY96 Field Submission
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Operations Office: RL ID No.: 9998- 0 Revision Date:
 ADS Title: TRANSPORTATION AND PACKAGING
 WBS No.: 1.6.8.2 Category: WM Appr.:
 Project Title: HANFORD Facility/WAG: HANFORD SITE
 Installation: HANFORD CID: RL10930 %OVHD: 18
 For Line Item Project: TPC: TEC:
 Contig: 0
 CNTR Manager: W.F. IRVINE Phone: 509-376-5727
 O.O. Manager: Phone:
 H.Q. Manager: Phone:
 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: Y CERCLA: N NEPA: Y
 DOE: Y IAG: N 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		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	0	0	2,083	1,384
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	320	0
				TOTAL	0	0	2,403	1,384

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	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	2,403	2,475	2,550	2,626	2,705
CE	0	0	0	0	0
GPP	0	0	0	0	0
LI	0	0	0	0	0
TOTAL	2,403	2,475	2,550	2,626	2,705

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

FTEs	FY96	FY97	FY98	FY99	FY00
Direct	21	21	21	21	21
Indirect	0	0	0	0	0
Federal	0	0	0	0	0

Environmental Management
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Budget Detail Profile

DESC: TRANSPORTATION OF THINGS						FY96 DRIVER CATEGORY									
SUB-DESC: PROGRAM: EM SUBACT: AA						DECREMENT	TARGET	PLAN	IMM RISK						
TITLE: TRANSPORTATION AND PACKAGING															
APPROP: D															
B&R	FY94	APPR	FY95	PRES	FY95	APPR	A	B	C	D	E	F	G	H	I
EW3160201	0		0				0	0	0	0	0	0	0	0	0
35EW31600	0		0				0	0	0	0	0	0	0	0	0
39EW31600	0		0				0	0	0	0	0	0	0	0	0
39EW31600	0		0				0	0	0	0	0	0	0	0	0
TOTAL	0		0				0	0	0	2,083	0	0	0	320	0
							TOTAL	0	0	2,403			1,384		

DECREMENT LEVEL (Dollars in Thousands)

B&R CODE	FY96 DECR LEVEL
EW3160201	0
35EW31600	0
39EW31600	0
39EW31600	0
TOTAL	0

TARGET LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3160201	0	0	0	0	0
35EW31600	0	0	0	0	0
39EW31600	0	0	0	0	0
39EW31600	0	0	0	0	0
TOTAL	0	0	0	0	0

PLANNING LEVEL (Dollars in Thousands)

B&R CODE	FY96	FY97	FY98	FY99	FY00
EW3160201	2,403	2,475	2,550	2,626	2,705
35EW31600	0	0	0	0	0
39EW31600	0	0	0	0	0
39EW31600	0	0	0	0	0
TOTAL	2,403	2,475	2,550	2,626	2,705

Environmental Management
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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: 9998-00-0005 TPA MS NO.: _____
Title: ISSUE PLAN FOR TRANSPORTATION SAFETY MANUAL AND INITIATE WORK
Planning Date Target Date Decrement Date Level: FO Keyword: O
4/01/1996 4/01/1996 PTS: N SMS: N
Driver Name: FED Driver Reference: _____
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description: _____

Milestone No.: _____ Milestone Seq: 9998-00-0010 TPA MS NO.: _____
Title: ISSUE LONG RANGE PACKAGING NEEDS PROGRAM PLAN
Planning Date Target Date Decrement Date Level: FO Keyword: O
8/01/1996 8/01/1996 PTS: N SMS: N
Driver Name: N/A Driver Reference: _____
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description: _____

MILESTONES Continued

Environmental Management
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MILESTONES Continued

Milestone No.: Milestone Seq: 9998-00-0015 TPA MS NO.:
Title: UPGRADE FIVE SAFETY ANALYSIS REPORTS FOR PACKAGING
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1996 9/30/1996 PTS: N SMS: N
Driver Name: DOE Driver Reference:
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: Y Safety and Health: N
Description:
This milestone is included in the current year work plan and is currently being funded 'piecemeal' through organizations on the site. Striving to obtain direct funding for this task.

Milestone No.: Milestone Seq: 9998-00-0020 TPA MS NO.:
Title: COMPLETE MAJOR REVISION TO TRANSPORTATION SAFETY MANUAL
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1997 9/30/1997 PTS: N SMS: N
Driver Name: Driver Reference:
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

Milestone No.: Milestone Seq: 9998-00-0025 TPA MS NO.:
Title: COMPLETE UPGRADES OF ALL SAFETY ANALYSIS REPORTS FOR PACKAGING
Planning Date Target Date Decrement Date Level: FO Keyword: O
9/30/1999 9/30/1999 PTS: N SMS: N
Driver Name: Driver Reference:
PRESENT IN Tiger Team: N Program Execution Guidance: N
Roadmap: N Current Year Workplan: N Safety and Health: N
Description:

NARRATIVE

LAST UPDATE: 01-28-1994 TIME: 11:26:21

Technical Scope Summary(Limit 15 line or less):

This activity supports management of a site hazardous materials transportation program to achieve regulatory compliance, ensure an adequate safety envelope for packagings used to transport hazardous materials, and plan for and provide packagings to meet Hanford Site needs. This activity covers only that portion of the Hanford Site transportation and packaging support that cuts across many programs and many ADSs. Funding for most

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(80%) of this work comes in the form of 50 different cost account task packages spread across 24 different ADSs in the following proportions: 73% EM-30, 9% EM-40, 18% EM-60. Because of this fragmentation, the remaining 20% of this work is not currently performed at all. The latter work consists of needed program planning or cross-cutting activities that don't relate to a specific ADS.

Technical Scope Detail(Limit 104 lines or less):

This ADS encompasses three transportation and packaging activities: program management, packaging safety, and packaging development. The tasks which comprise these activities are listed below:

A. TRANSPORTATION PROGRAM MANAGEMENT is comprised of six task areas:

Publishing and maintaining the site Transportation Safety Manual to provide site-wide implementation of transportation requirements in DOE Orders, 49 CFR, 40 CFR, and the Washington State Administrative Code 173-303.

Responding to regulatory changes, proposed rulemakings, and special initiatives.

Inspecting all inbound hazardous materials shipments for regulatory compliance before release to the site.

Publishing and maintaining a Quality Assurance Program Plan to provide an audit trail to demonstrate safety consistent with NQA-1.

Providing on-call shipment planning support and other traffic management assistance.

Performing program self-assessment and responding to external audits to generate corrective and improvement actions.

B. PACKAGING SAFETY is comprised of five task areas:

Maintaining Safety Analysis Report for Packaging files, Certificates of Compliance, Certificates of Competent Authority and Quality Assurance records as required for radioactive material packagings.

Defining criteria and maintaining an onsite transportation packaging safety program, including development of policy, procedures and safety evaluation methodology.

Upgrading onsite Safety Analysis Reports for Packaging to bring existing packaging systems into compliance with the packaging safety program.

Maintaining a site Hazardous Materials Packaging Directory to provide

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potential site users with information on packaging capacity, availability, allowable contents, and other use restrictions.

Providing on-call packaging engineering direction and assistance, including packaging selection, regulatory interpretation, use restriction information, and revisions to packaging safety documentation.

B. PACKING DEVELOPMENT is comprised of four task areas:

Developing and maintaining a comprehensive long range (5-10 years) plan that will identify current and future packaging needs for all Hanford programs.

Integrating the packaging needs of several different applications whenever possible in order to save duplicative development time and cost.

Developing a family(ies) of generic hazardous materials packagings to meet the needs of a broad spectrum of Hanford facilities and programs.

Performing engineering studies to identify alternative hazardous materials packaging systems that will be needed to satisfy specific program needs or replace existing systems.

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

The current Hazardous Materials Packaging and Shipping Manual, WHC-CM-2-14, was revised to include current site shipping practices and organizational changes.

Approximately 500 inbound shipments of hazardous materials and 2,400 (30% of total) onsite shipments were inspected for regulatory compliance.

A library of packaging certification documentation was initiated.

A Safety Analysis Report for Packaging Upgrade Plan was issued.

A tracking system for on-call packaging support was established, along with a dedicated response team of packaging engineers.

A revision to the Packaging Directory was issued.

A symposium was conducted to identify all potential users of aboveground transportation of high level liquids in bulk quantity. A followup workshop was held to integrate these needs and determine specific schedules and packaging design requirements.

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

No direct funding identified for FY 1995.

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

Since this is a new ADS, the planning and target cases are assumed to be the same. The planning case funding provides for planning and initiation of a comprehensive site Transportation Safety Manual, maintenance of the existing manual to reflect regulatory and other changes, continued inbound shipment inspection and on-call support, a revised Quality Assurance Program Plan, five Safety Analysis Reports for Packaging upgrades, a long range site packaging needs plan, and continuation of the other cross-cutting transportation and packaging services listed earlier and described in more detail in the attached Task Description Document (TDD).

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

In the planning case, the Transportation Safety Manual will be completed and issued, including comprehensive packaging safety criteria, transportation related training requirements, and traffic management direction. Packaging systems integrated to address multiple site needs will be designed and procured. Generic packagings will be developed to a wide range of site applications. All existing onsite Safety Analysis Reports for Packaging will be upgraded and this task will be trimmed back to a maintenance level of reviewing each Safety Analysis Report for Packaging every five years. Traffic management activities will be fully automated and the shipping forms will be computerized to improve accuracy and efficiency. The Quality Assurance Program Plan will be updated and reissued. Other tasks and support to site customers will continue as described earlier.

Impacts/Assumptions(Limit 42 lines or less):

Regulations for hazardous materials packaging and transportation will continue to evolve to reflect national and international standards and public stakeholder concerns.

Responses to regulatory changes and special initiatives will continue at the present rate of approximately 50 per year.

Hazardous materials shipping activity will continue at the present rate of approximately 8,000 shipments onsite and 1,200 shipments to and from the site per year.

On-call traffic management and packaging support will continue at the present rate of over 100 calls total per month.

Application of DOT regulations to onsite shipments will not be expanded beyond the present unrestricted public access roadways south of the Wye Barricade.

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Safety Analysis Report for Packaging upgrades will be performed at a rate of five per year.

Supporting Documents(Limit 5 lines or less):

49 CFR 171.2(a); 171.11; 171.12; 176.11; and generally 49 CFR 107-180 DOE Orders 1540.1, 6(f); 5700.6C, 9(a); 1000.3C; 1540.2; and 5480.3 DOE-RL Order 5480.1, Change 1, Chapter III
RLID 5480.3, 6(f)(2); 1001.1(6.2); 5480.3

Performance Measures(Limit 15 lines or less):

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

N/A - This ADS is a new proposal for FY 1996.

DESCRIPTION OF REGULATORY DRIVERS

DOE:

Requirements in DOE Orders 5480.3, 7.a, and 9.b, 1540.1,6(f)(1) for completion of updating the Transportation Safety Manual. SARPs to be in compliance/reviewed periodically per DOE orders 5480.3,9.b, 1540.2, RL Order 5480.1, RLID 5480.3.

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FED:

The Transportation Safety Manual is required to implement 49 CFR 171.2(a), which outlines criteria for hazardous materials packagings and their shipment.

NEPA_R:

ORD:

OSHA:

DESCRIPTION OF REGULATORY DRIVERS Continued

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TRI:

Long range packaging needs plan, although not specifically mandated by regulations, are needed to insure that compliant packagings are planned and provided to achieve TPA milestones and other commitments on schedule and at minimum cost.

TSCA:

DESCRIPTION OF REGULATORY DRIVERS Continued

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of large packaging needs plan, although not specifically mandated by regulations, are needed to insure that compliant packaging are planned and provided to achieve TPA objectives and other commitments on schedule and at minimum cost.