



94-0003408

Department of Energy

Richland Field Office

P.O. Box 550

Richland, Washington 99352

JUN 27 1994

94-OCH-036

The Honorable John T. Conway
Chairman
Defense Nuclear Facilities Safety Board
Suite 700
625 Indiana Avenue, NW
Washington, D. C. 20004

Dear Mr. Conway:

RECOMMENDATION 93-5 IMPLEMENTATION PLAN - DEPARTMENT OF ENERGY, RICHLAND OPERATIONS OFFICE (RL) MONTHLY REPORT FOR MAY 1994

We are pleased to submit the following enclosures for you and your staff's information and use.

1. Westinghouse Hanford Company (WHC) Characterization Program - Milestone Status Report, updated as of 05/31/94. Also included is a list of milestones behind schedule with recovery actions.
2. RL schedule for submitting 93-5 Implementation Plan outstanding deliverables.

If you have any questions or require additional information, please contact myself or John M. Clark, Acting Manager of the TWRS Office of Characterization, on (509) 376-2246.

Sincerely,

A handwritten signature in black ink, appearing to read "T. R. Sheridan".

T. R. Sheridan, Acting Program Manager
Office of Tank Waste Remediation System

Enclosure

cc w/encl:
K. Lang, EM-36, HQ
c. Defigh-Price, WHC, w/o encl

**CHARACTERIZATION PROGRAM
Milestone Status Report**

6/6/94

TYPE	#	TITLE OF MDS	STATUS	DUE DATE	ACTIVITY MGR
DNFSB	1.21	Ferrocyanide Safety Issue DQO Report	Complete on 12/31/93	12/15/93	D. McCain
DNFSB	1.2	C-103 Dip Sample DQO	Complete on 8/31/93	12/16/93	D. McCain
DNFSB	1.21	C-106 High Heat DQO Final Report	Complete on 1/20/94	12/20/93	J. Mobley
DNFSB	1.21	Vapor Rotary Core DQO Final Draft Report	Complete on 2/14/94	1/20/94	D. McCain
DNFSB	1.13	Char. Functions/Reqmts in detailed Functional Anal	Complete on 1/20/94	1/31/94	C. DeFigh-Price
DNFSB	5.9	Plan to Upgrade INEL Lab	Complete on 1/31/94	1/31/94	D. Bratzel
DNFSB	6.6	Eval. 12 Validated Data Reports for Safety	Complete on 1/29/94	1/31/94	D. Bratzel
DNFSB	6.3	Initial On-Line Capability (LABCORE-1)	Complete on 1/31/94	1/31/94	D. Forehand
DNFSB	2.2	Safety Screening Module DQO Report	Complete on 2/23/94	1/31/94	D. McCain
DNFSB	1.21	C-103 Vapor DQO Draft Report	Complete on 1/31/94	1/31/94	D. McCain
DNFSB	1.21	Organic Safety Issue DQO Report (PNL)	Complete on 4/29/94	1/31/94	D. McCain
DNFSB	4.2	DOE-RL to Submit a request for DOA to DOE-HQ	Complete on 1/10/94	1/31/94	DOE/J. Clark
DNFSB	3.2	Review Char. Field Procedures Using DOE COps	Complete on 2/28/94	1/31/94	G. Stanton
DNFSB	1.7	Streamline DQO Process	Complete on 12/31/93	1/31/94	J. Mobley
DNFSB	6.4	Demonstrate Offsite Access to TCD/Input 3 HLW	Complete on 1/28/94	1/31/94	J. Mobley
DNFSB	4.1	Issue Approved Broad-based Envir. Assessment	Complete on 2/28/94	1/31/94	M. Payne
RL	498	Load Projected TWRS Characterization Needs	Complete on 2/15/94	2/15/94	D. Bratzel
RL	508	Issue In Situ Core Bit Instrumentation Plan	Complete on 2/18/94	2/18/94	D. Forehand
DNFSB	1.8	Release TWRS Characterization QA Plan	Complete on 2/28/94	2/28/94	C. DeFigh-Price
DNFSB	1.1	Enhance WHC Char. Program Mgmt Staff	Complete on 2/28/94	2/28/94	C. DeFigh-Price
DNFSB	5.11	Dev. Min/Max Lab Capacity Strategy	Complete on 2/28/94	2/28/94	D. Bratzel
DNFSB	1.21	Waste Compatibility DQO Report	Complete on 3/4/94	2/28/94	D. McCain
DNFSB	1.22	Update FY94 Field Schedule to Incorp. New Techn's	Complete on 2/3/94	2/28/94	G. Stanton
DNFSB	3.3	Complete Qualifcation of First Push-mode Crew	Complete on 1/26/94	2/28/94	G. Stanton
DNFSB	3.5	Complete Training & Qual Reqmts for Sampling Cog	Complete on 2/24/94	2/28/94	G. Stanton
DNFSB	1.21	In-tank Generic Vapor DQO Final	Complete on 3/7/94	3/03/94	D. McCain
DNFSB	5.10	Plan to Upgrade LANL Lab	Complete on 3/28/94	3/29/94	D. Bratzel
DNFSB	1.2	Reduce Number of Mgmt Layers in WHC TWRS	Complete on 3/24/94	3/31/94	C. DeFigh-Price
DNFSB	1.6	Define Responsibilities of Key WHC Managers/Char.	Complete on 3/31/94	3/31/94	C. DeFigh-Price
HQ	405	Sampling/Analysis/TCR Schedule	Complete on 3/28/94	3/31/94	C. DeFigh-Price
DNFSB	5.3	Letter Assessing New Extruder	Complete on 3/28/94	3/31/94	D. Bratzel
DNFSB	5.5	Issue Results of Sampler Exchange Phase II	Complete on 3/31/94	3/31/94	D. Bratzel
TPA	429	Sample Analysis/Validation for FY 92-93/(M-44-07)	Complete on 11/18/93	3/31/94	D. Bratzel
DNFSB	3.4	Redeploy PM Core Sampling	Complete on 3/31/94	3/31/94	G. Stanton
DNFSB	3.6	Restore Rotary Mode Sampling (TPA)	Behind 3 months	3/31/94	G. Stanton
DNFSB	3.7	Complete Qual of First Rotary Mode Crews	Complete on 4/18/94	3/31/94	G. Stanton
RL	502	incorporate INEL Cap's into Lab Capacity	Complete 4/26/94	4/28/94	D. Bratzel

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TYPE	#	TITLE OF MDS	STATUS	DUE DATE	ACTIVITY MGR
DNFSB	1.10	Issue Quarterly Progress Reports (DNFSB/DOE)	Complete 5/3/94	4/29/94	C. DeFigh-Price
DNFSB	1.4	Improve WHC Char Technical Staff Competencies	Complete on 4/29/94	4/29/94	C. DeFigh-Price
DNFSB	6.1	Prepare a Customer Needs Analysis	Complete 5/2/94	4/29/94	C. DeFigh-Price
DNFSB	1.21	Hydrogen Generating DQO Final Report	Complete on 5/13/94	4/29/94	D. McCain
DNFSB	2.1	DQOs for all 6 Safety Issues	Complete on 5/13/94	4/29/94	D. McCain
DNFSB	4.3	Delegation of Authority for RL/Safety & Env'l	Behind	4/29/94	DOE
DNFSB	3.9	Detailed Plans for Acquiring/Training Add'l Crews	Complete on 4/29/94	4/29/94	G. Stanton
DNFSB	1.12	Mgmt Staff Complete Systems Engineering Training	Complete on 2/15/94	5/31/94	C. DeFigh-Price
DNFSB	1.9	Plan for Blind Samples	To DOE on 5/24/94	5/31/94	D. Bratzel
DNFSB	6.2	Issue a Data Mgmt Improvement Plan	Complete on 5/26/94	5/31/94	D. McCain
DNFSB	1.3	Improve RL Oversight	Complete on 5/27/94	5/31/94	DOE/J. Clark
RL		WDOE Access to SACS Data	Complete 5/10/94	5/31/94	G. Miskho
TPA	448	Draft FY 95 TWAP to EPA/(M-44-01A)	To DOE on 5/23/94	5/31/94	S. Eberlein
DNFSB	1.14	Char Portion of Initial Sys Eng Analysis Results	On schedule	6/30/94	C. DeFigh-Price
DNFSB	1.17	Historical Tank Content Estimate Reports/NE/SW	On schedule	6/30/94	S. Eberlein
DNFSB	5.6	Evaluate Lab Staff Training	On schedule	6/30/94	D. Bratzel
DNFSB	3.15	EEA for In Situ Delivery System	On schedule	6/30/94	D. Forehand
DNFSB	1.11	Field Schedule for Sampling All Activ's FY95-6	On schedule	6/30/94	G. Stanton
DNFSB	3.10	Qual of 2 Additional Crews/Push & Rotary Trucks	On schedule	6/30/94	G. Stanton
DNFSB	3.17	Review Procedures w/Outside Drilling Experts	On schedule	6/30/94	G. Stanton
DNFSB	1.10	Issue Quarterly Progress Reports (DNFSB/DOE)	On schedule	7/29/94	C. DeFigh-Price
RL	435	Nominal Waste Type Composition Document	On schedule	8/01/94	S. Eberlein
DNFSB	1.21	Pretreatment DQO Draft Report	On schedule	8/22/94	S. Eberlein
DNFSB	1.20	TWRS Risk Acceptance Criteria (PNL)	1 month behind	8/31/94	C. DeFigh-Price
DNFSB	3.19	Eng'g Eval. of Installing New Risers in SSTs	On schedule	8/31/94	C. DeFigh-Price
DNFSB	5.7	Dev. & Implement Training for Laboratory Staff	On schedule	8/31/94	D. Bratzel
TPA	447	Annual Update to TWAP to EPA/Ecology (M-44-02A)	On schedule	8/31/94	S. Eberlein
DNFSB	1.21	HLW Immobilization DQO Draft Report	On schedule	9/06/94	D. McCain
RL	456	Demonstration of In Situ Characterization	Behind 4 months.	9/15/94	D. Forehand
DNFSB	1.21	LLW Immobilization DQO Draft Report	On schedule	9/21/94	D. McCain
RL	430	Issue Results Priority 1 Safety Analysis for 14 Cores	Behind 2 months	9/22/94	D. Bratzel
RL	431	Issue Results Priority 1 Safety Analysis for 7 Cores	Behind 2 months	9/22/94	D. Bratzel
RL	424	Priority 1 Safety Analysis for 2 Cores from DSTs	On schedule	9/22/94	D. Bratzel
RL	475	Demonstrate IR Moisture Detection	On schedule	9/23/94	D. Forehand
RL	410	Obtain 13 SST Core Samples from 6 SSTs (RM)	Behind (tied with 3.6)	9/29/94	G. Stanton
RL	416	12 SST Auger Surface Samples from 12 Tanks	Behind.	9/29/94	G. Stanton
RL	409	Obtain 3 DST Core Samples from 3 DSTs (PM)	On Schedule	9/29/94	G. Stanton

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TYPE	#	TITLE OF MDS	STATUS	DUE DATE	ACTIVITY MGR
RL	411	Obtain 8 SST Cores from 3 SSTs PMode	On Schedule	9/29/94	G. Stanton
DNFSB	3.11	Additional Rotary Mode Core Systems (DOE-RL)	Behind 1 month/Oct. 26	9/30/94	G. Stanton
DNFSB	5.8	Procure & Receive 2 PAS-1 Casks (DOE-RL)	On schedule	9/30/94	G. Stanton
DNFSB	1.16	Historical Tank Layering Models	On schedule	9/30/94	S. Eberlein
DNFSB	6.5	Data Loading of 20 Tanks into TCD (M-44-05)	On schedule	9/30/94	S. Eberlein
TPA	519	20 Tank Characterization Reports/(M-44-05)	On schedule	9/30/94	S. Eberlein

DOE/RL - WHC CHARACTERIZATION PROGRAM
DNFSB MILESTONES BEHIND SCHEDULE

RECOVERY ACTIONS - JUNE 6, 1994

TYPE	MILESTONE TITLE	DUE DATE	PROJ COMP DATE	RECOVERY ACTIONS
DNFSB 3.6	Restore RM Sampling	3/31/94	6/30/94	<p>WHC - George Miskho is now working full time to ensure that all efforts are being made to deploy the truck to the field ASAP. A detailed schedule has been prepared and is updated several times a week. DOE/RL - is actively monitoring progress and is participating in scheduling, planning, and management meetings. RL has also asked GSSC personnel and Apex mentors to monitor progress and provide assistance to WHC. The DOE/RL ORR is prepared to start as soon as WHC forwards declaration of readiness, the current projected date is July 14, 1994.</p>
DNFSB 4.3	Delegation of Authority for RL / Safety & Environmental	4/29/94		<p>The proposed DOA to RL has been revised to simplify the Action Memorandum and to incorporate changes to respond to specific comments provided by the DNFSB. TWRS Program manager's concurrence was provided on May 11, 1994. Copies of the final version were provided to the Office of Environmental Management, Office of Environment, Safety, and Health, and Office of the General Council staffs. DOE HQ approval of delegation of authority is anticipated in the near future.</p>
DNFSB 1.20	TWRS Risk Acceptance Criteria	8/31/94		<p>The projected date of completion is approximately one month behind schedule. DOE/RL received an unacceptable WHC letter requesting additional information and guidance. WHC has agreed, ASAP, to provide a supplement to the correspondence that should resolve the difficulty. While waiting for WHC to respond, DOE/RL is currently preparing an independent report addressing risk acceptance criteria for joint WHC/RL use. With a focused effort, it is anticipated that the Risk Acceptance Criteria document will be completed on schedule.</p>

DOE-RL
 SCHEDULE FOR SUBMITTING OF 93-5 IMPLEMENTATION PLAN
 OUTSTANDING DELIVERABLES

MONTH	TOTAL # OF COMMITMENTS SCHEDULED	COMMITMENTS TO BE DELIVERED		
		MAY	JUNE	JULY
December	1		1	
January	12	2	4	6
February	8	1	3	4
March	9		4	5
April	7	1	4	2
May	4	4		
June	6		6	
July	1			1
TOTAL	48	8	22	18

Notes: (1) May deliverables submitted on time.

(2) Agreement with DNFSB staff that present submittals have priority.

(3) All deliverables current by July 31, 1994.