



## Department of Energy

Washington, DC 20585

JUL 28 1994

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

Dear Mr. Chairman:

Enclosed is the third quarterly status report for the Defense Nuclear Facilities Safety Board (DNFSB) Recommendation 93-4 Implementation Plan (IP). This report is being provided to you in accordance with the Department of Energy (DOE) Initiative 1 as identified in the accepted DNFSB Recommendation 93-4 IP.

As indicated in the enclosed report, there have been six completed activities in the third quarter, foremost of which are the completion of the final generic Technical Management Plan (TMP), the Fernald TMP, and the Hanford TMP. The final generic TMP was transmitted to your office on July 5, 1994. The Fernald and Hanford TMPs are included as enclosures to this status report. Other completed activities include the identification of key personnel at both DOE Headquarters and the DOE Fernald Field Office, transmittal of the final generic TMP to the DOE Order 4700.1 Rewrite Committee and to the Secretary's Contract Reform Team, and the closure of the assessment of the Type B Investigation that was conducted in response to the Fernald Uranyl Nitrate Hexahydrate (UNH) incident.

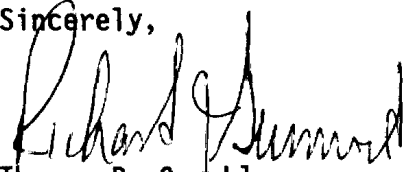
Currently, there are four activities that remain open. Among these activities is the submittal of the DOE Plan of Action (POA) associated with the restart of the Fernald UNH project. The current schedule for submittal of the POA to DOE Headquarters is August 15, 1994. The POA will be reviewed by DOE Headquarters and approved by my office prior to transmittal to your office. Meanwhile, progress is being made in the stabilization of the UNH. An activity is underway to transfer approximately 1,450 gallons of UNH material from Tank F1-26 to Tank F1-2 (approximately 25 feet away) that is required so that Tank F1-26 can be repaired. Tank F1-26 must be repaired in order to be utilized as a dilution and neutralization tank during subsequent UNH processing operations. The actual transfer of the 1,450 gallons of UNH will not occur until an Operational Readiness Assessment of the transfer has been performed. The transferred UNH will remain in Tank F1-2 until preparations, review, and approval for restart of the UNH project are completed. At that time, the UNH from Tank F1-2 will be transferred to the neutralization tank and processed.



Other activities that remain open include the compliance assessment for the Fernald TMP, scheduled for September 30, 1994, transmittal of the DOE Order 4700.1 Rewrite Committee report to be transmitted to your office when available, and the qualification of Fernald Facility Representatives, scheduled for completion by August 15, 1995.

As specified in the 93-4 IP, the Department will continue to keep the Board apprised of our progress by providing future quarterly status reports and by providing the documentation associated with the deliverables for each action specified in the Plan.

Sincerely,

*for*   
 Thomas P. Grumbly  
 Assistant Secretary for  
 Environmental Management

3 Enclosures : See List Below Right

cc:

J. Baublitz, EM-40	1. Action Tracking DNFSB	94:4317
J. Fiore, EM-40	Recommendation 93-4	RECOMEND
W. Murphie, EM-42		DATABASE
K. Chaney, EM-423	2. Fernald Environmental	94:4318
D. Kozlowski, EM-423	Restoration Management	FERNALD
D. Freeman, EM-423	Contract Technical	DATABASE
S. Bertness, EM-431	Management Plan (TMP),	
S. Robison, EM-44	Revision 0, 7/94	
D. Smith, EM-62	3. Technical Management	93:4319
T. Sheridan, EM-20	Plan (TMP) for the	HD3
S. Purvis, EH-6	Environmental Restoration	DATABASE
J. Hopkins, EH-31.1	Contract (Hanford),	
P. Wilhelm, EH-31.3	5/31/94 Draft	
P. Worthington, NS-20		
G. Cowan, PR-122		
F. Newman, FM-1		
M. Clausen, FM-1		
R. Hansen, FN		
J. Trygier, FN		
J. Simak, FN		
P. Hamric, OFO		
S. Peterman, OFO		
C. Crowe, OR		
R. Freeburg, RL		
O. Robertson, RL		

## ACTION TRACKING DNFSB RECOMMENDATION 93-4

Item Number	Description	Deliverable	Milestone	Assignee	Status
934.IP.1	Prepare Draft Implementation Plan	Draft Implementation Plan	September 30, 1993	Susan Peterman 513-865-3982 or 513-648-3135	Completed.
934.IP.2	EM Provide Draft Implementation Plan to DNFSB	Implementation Plan	September 30, 1993	Dave Kozlowski 301-427-1712	Completed.
934.IP.3	DNFSB Staff Comments on Implementation Plan		October 15, 1993	DNFSB	Completed.
934.IP.4	Begin concurrence process		October 22, 1993	Dave Kozlowski 301-427-1742	Completed.
934.IP.5	Submit IP to Executive Secretary for Secretary's signature		October 29, 1993	Dave Kozlowski 301-427-1742	Completed.
934.IP.6	Submit IP to Board		November 5, 1993	Dave Kozlowski 301-427-1742	Completed.

Item Number	Description	Deliverable	Milestone	Assignee	Status
934.A.2.(1)	A Technical Management Plan will be developed for Fernald	Technical Management Plan for Fernald	December 18, 1993	Susan Peterman 513-865-3982	Completed. Revised Fernald TMP is submitted as an enclosure to this quarterly report.
934.A.2.(1).a	Reviewing the Environmental Restoration Program, EM-40 Management Plan (DOE/EM/RM/02) and Project Management Plan outline from DOE Order 4700.1 Project Management System to develop model for Technical Management Plan		November 15, 1993	Susan Peterman 513-865-3982	Completed.
934.A.2.(1).b	Establishing an outline of contents for the Technical Management Plan	Outline of Technical Management Plan	November 15, 1993	Susan Peterman 513-865-3982	Completed. Revised outline was accepted by the DNFSB with minor revisions on February 17, 1994.
934.A.2.(1).c	Identifying qualified key personnel at DOE Fernald Field Office and Headquarters for technical direction, monitoring, and oversight of contractor performance for inclusion in the Technical Management Plan including necessary training to meet current performance expectations		December 18, 1993		Completed. The final generic TMP was submitted to the DNFSB on July 5, 1994, and the revised Fernald TMP is submitted as an enclosure to this quarterly report. These Plans identify the key personnel at both DOE Headquarters and at Fernald.
934.A.2.(2)	A Technical Management Plan for Hanford will be developed	Technical Management Plan for Hanford	January 18, 1994	Roger Freeburg 509-376-6628	Completed. The revised Hanford TMP is submitted as an enclosure to this quarterly report.

Item Number	Description	Deliverable	Milestone	Assignee	Status
934.A.2.(3)	Assess initial compliance of Fernald with the Technical Management Plan; and develop corrective action/implementation plan including schedule, as required	Submit documented results of assessment	September 30, 1994. (date changed in April 1994 status report)	Team	With the revised Fernald TMP in place, the date for the initial compliance assessment is on schedule for September 30, 1994. Open.
934.A.2.(4)	A generic Technical Management Plan will be developed for future contracts	Generic Technical Management Plan	December 18, 1993	EM-424/Dave Kozlowski 301-427-1712	Completed. The final generic TMP was submitted to the DNFSB on July 5, 1994.
934.A.2.(5)	Interface with and provide input for rewriting of DOE Order 4700.1 Project Management System and with the Secretary's Contract Reform Team to incorporate the requirements for implementation of a technical management plan.		As required.	Mary McCune 301-427-1851	Completed. A copy of the final generic TMP has been submitted to the DOE Order 4700.1 Rewrite Committee as well as to the Secretary's Contract Reform Implementation Team in a memorandum from the Acting Deputy Assistant Secretary for Environmental Restoration dated 7/94.
934.C.2.a	Interface with the committees during preparation of the technical management plans.		As required.		
934.C.2.b	Present completed technical management plans to the committees.		January 15, 1994	Mary McCune 301-427-1851	Completed. A copy of the final generic TMP has been submitted to the DOE Order 4700.1 Rewrite Committee as well as to the Secretary's Contract Reform Implementation Team in a memorandum from the Acting Deputy Assistant Secretary for Environmental Restoration dated 7/94.

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934.C.2.c	Work with the committees to incorporate lessons learned from this process into their activities.		As required.	Mary McCune 301-427-1851	
934.C.2.d	Copies of committee reports will be provided to the DNFSB.	Contract Reform Team final report  Revised DOE Order 4700.1	December 31, 1993  When Available	Mary McCune 301-427-1851	Completed. Public Draft of the Contract Reform Team Report was issued February 1994, and was transmitted to the DNFSB in a letter dated April 4, 1994 to the Chairman of the DNFSB from the Assistant Secretary for Environmental Management.  Final report for the DOE Order 4700.1 Rewrite Committee will be provided to the Chairman of the DNFSB when available. Open.
934.D.2.a	EH will complete their review of the Type B Investigation	Comments on Type B Investigation	October 15, 1993	Prakash Conjere 301-903-2443	Completed.
934.D.2.b	the EM-42 Deputy Office Director will lead the independent assessment	Initiate assessment	November 8, 1993	EM-42 Deputy Office Director 301-427-1746	Completed. Initial assessment was conducted the week of December 6, 1993. A follow-up to perform a root cause was completed the week of January 17, 1994.
934.D.2.c	the Fernald site will be assessed on how they are addressing the corrective actions recommended in the Type B Investigation				

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934.D.2.d	the assessment and recommendations for Fernald will be documented	Submit assessment	December 18, 1993	EM-42 Deputy Office Director 301-427- 1746	Completed. An Interim Assessment Report was transmitted on December 20, 1993. The final assessment report was transmitted to the DNFSB on February 4, 1994.
934.D.2.e	the corrective action plan will be developed and monitored		As required.	Mary McCune 301-427- 1851	Completed. A letter closing out this activity was sent to the Chairman of the DNFSB on May 16, 1994.
934.E.2.a	DOE will develop a restart procedure based on revised DOE Order 5480.31 and Operational Readiness Review Standard.	Restart procedure	December 31, 1993	Bud Kehew 513-648- 3126	The current schedule for submittal of the DOE Plan of Action (POA) to DOE Headquarters is August 15, 1994. The POA is the planning document for the ORR process. This document must be approved by EM-1 prior to transmittal to the DNFSB. Open.
934.E.2.b	Complete a study on tank integrity of UNH tanks and, as appropriate, factor those results into the start-up procedure and schedule.	Tank Integrity Study	March 31, 1994	Bud Kehew 513-648- 3126	Completed. The Tank Integrity Study was finalized December 31, 1993. This study was provided informally to the DNFSB staff at their visit to Fernald in February 1994. The Study is also provided along with the April, 1994, quarterly status report as a formal submittal to the Board.
934.E.2.c	Obtain approval by Assistant Secretary for Environmental Restoration and Waste Management for restart of the UNH process	Approval to restart	Upon completion of restart procedure	Bud Kehew 513-648- 3126	

Item Number	Description	Deliverable	Milestone	Assignee	Status
934.F.2.a	Continue training and implementation of the proposed requirements for the Facility Representative Program as they are developed	Fully qualified Facility Representatives for Fernald	August 15, 1995 (date changed in April 1994 status report)	Ray Hansen 513-648-3119	The completion date for this activity is on schedule for August 15, 1995. Open.
934.F.2.b	Develop procedure for Fernald Facility Representative program and training and qualification	Fernald Facility Representative Program and training and qualification procedure	February 15, 1994	Doug Maynor 513-865-3986	Completed. The Facility Representative Program and training and qualification procedure was finalized and is being transmitted formally to the Chairman of the DNFSB as an enclosure to the April 1994 quarterly status report.
934.G	Submit quarterly status reports	Quarterly Status Reports	Issue 15 days after close of quarter; initial report January 15, 1994	Dave Kozlowski 301-427-1712	In process.