

**[DOE LETTERHEAD]**

**RICHLAND OPERATIONS OFFICE**

MAY 23 1995

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

Dear Mr. Conway:

**DEFENSE NUCLEAR FACILITIES SAFETY BOARD (DNFSB) RECOMMENDATION 92-4,  
IMPLEMENTATION PLAN QUARTERLY STATUS REPORT**

Enclosed herewith is the subject report for the three month period ending March 31, 1995. This report discusses the status of commitments that were due during the First Quarter 1995 and forecast status of commitments due during the Second Quarter 1995.

This report is submitted in accordance with Commitment Number 4.a in the 92-4 Implementation Plan.

If there are any questions, please contact Mr. E. W. Higgins of the Planning and Integration Division on (509) 372-2500.

***Nadine M. Highland***  
***Chief Financial Officer***

Enclosure

cc w/encl:  
H. Dalton, EM-20  
G. Robertson, EM-36  
M. Whittaker, EH-6  
M. Mikolanis, EH-9

QUARTERLY REPORT ON DEFENSE NUCLEAR FACILITIES SAFETY BOARD  
RECOMMENDATION 92-4 FOR THE PERIOD JANUARY 1 - MARCH 31, 1995

TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	PURPOSE	1
1.2	QUARTERLY HIGHLIGHTS	1
1.3	REPORT FORMAT	1
1.4	TABLE OF COMMITMENTS	3
2.0	STATUS: COMMITMENTS DUE/OVERDUE DURING FIRST QUARTER 1995 AND FORECAST FOR SECOND QUARTER 1995	8
2.1	SITEWIDE COMMITMENTS	8
2.2	TWRS PROGRAM COMMITMENTS	8
2.3	TWRS PROJECT COMMITMENTS	10

## 1.0 INTRODUCTION

### 1.1 PURPOSE

This report provides a status of the activities underway from January 1 to March 31, 1995, at the Hanford Site and at DOE-Headquarters regarding the topics contained in the Defense Nuclear Facilities Safety Board (DNFSB) Recommendation 92-4, Revision 1.

### 1.2 QUARTERLY HIGHLIGHTS

- o The Westinghouse Hanford Company (WHC) Staffing, Qualification, and Training commitment deliverables were completed and are currently in the RL signature cycle for delivery to the DNFSB.
- o The Multi-Function Waste Tank Facility project is being phased out, with capability to reassemble a project team, after five years if a decision is made that additional waste storage capacity is needed. The associated commitments (2.4.e and 2.4.f) will be removed from the 92-4 Implementation Plan.
- o The Site Systems Engineering Implementation Plan has been delayed due to the Hanford restructuring effort. This plan will be submitted by May 30, 1995, after the approach is finalized. A draft of the plan was provided to the staff of the DNFSB during the March 21-23, 1995, visit to Hanford.

### 1.3 REPORT FORMAT

The report documents the progress of activities initiated in response to the DNFSB Recommendation 92-4, Revision 1. The report is arranged in the same order as the DNFSB Recommendation 92-4 Implementation Plan, Attachment B (DOE 1994,) i.e., Sitewide Commitments, TWRS Program Commitments, and TWRS Project Commitments. Each commitment that was due or overdue during the January through March 1995 quarter and the next quarter (April through June 1995) is identified and followed by a description of the status of each commitment. Topics for each reported commitment are:

- o Completion status of commitments due during quarter and date deliverable was submitted to the DNFSB
- o Forecast completion for commitments due in the subsequent quarter
- o Other information as required to explain commitment status

In addition to this information, a Table of Commitments lists all DNFSB commitments contained in the plan. Shading on commitments indicate those commitments that have been submitted to the DNFSB.

[5 LANDSCAPE TABLES (with end notes), NOT SCANNABLE; FOR A HARDCOPY, CALL 202-586-1857 OR 3887]

2.0 STATUS: COMMITMENTS DUE/OVERDUE DURING 1ST QUARTER 1995 AND FORECAST FOR 2ND QUARTER 1995.

2.1 SITEWIDE COMMITMENTS

2.1.1 COMMITMENT 2.2.b(1): SYSTEMS ENGINEERING IMPLEMENTATION PLAN BASED ON FY 1995 MULTI-YEAR PROGRAM PLAN (MYPP) LOGIC AND PLANNING FOR THE SITE. (DUE: November 15, 1994)

STATUS: Due to the impacts of the RL workforce restructuring, the entire Site System Engineering program underwent a complete review by the Westinghouse Hanford Company (WHC) and RL. As a result of this review, WHC is submitting a revised Site System Engineering Implementation schedule and resource requirements by May 19, 1995. In addition, the TWRS System Requirements Review (SRR) will require an action plan to resolve the SRR findings. (Reference letter Grumbly to Conway, dated April 24, 1995.) The System Engineering Implementation Plan must be consistent with the SRR action plan regarding interfaces between the site and the TWRS. It must also reflect the RL agreement with the WHC system engineering implementation schedule. Therefore, the System Engineering Implementation Plan will be completed and submitted to the DNFSB after the above conditions are met. A submittal date will be established after review of the revised WHC implementation schedule and Site System Engineering interfaces with the TWRS SRR action plan.

2.1.2 COMMITMENT 2.2.b(2): Letter of Direction to affected Site Participants to include use of Systems Engineering in accordance with DOE policy to develop the Technical Baselines that will be used as the basis for Multi-Year Program Plan (MYPP) Updates. (DUE: March 31, 1995)

STATUS: This direction will be part of the Fiscal Year Work Plan (FYWP) 1996 direction to the contractors. The FYWP Direction Letters are scheduled to be sent to the contractors by mid-May 1995.

2.1.3 COMMITMENT 3.6.a: HANFORD SITE MANAGEMENT SYSTEM DIRECTIVES. (DUE February 1, 1995)

STATUS: The Site Management System Directives have been canceled and are being re-issued as part of the site systems re-engineering effort. The structure of the directives may change due to the work restructuring that is occurring at Hanford. A new date for this commitment is being established as part of the System Engineering Implementation Plan (see section 2.1.1 above.)

2.1.4 COMMITMENT 3.7.e: FINAL SITE SYSTEMS ENGINEERING MANAGEMENT PLAN. (DUE: Pending Completion of External Review)

STATUS: Work on this deliverable is on hold pending completion of review of the site systems engineering effort. A new date for this commitment is being established as part of the System Engineering Implementation Plan (see section 2.1.1 above.)

2.1.5 COMMITMENT 3.7.f: DRAFT SITE SEMP IMPLEMENTING PROCEDURES. (DUE: February 14, 1995)

STATUS: A new date for this commitment is being established as part of the System Engineering Implementation Plan (see section 2.1.1 above.)

2.2 TWRS PROGRAM COMMITMENTS

2.2.1 COMMITMENT 2.4.c: TWRS TOP-LEVEL SYSTEMS REQUIREMENTS REVIEW REPORT. (DUE: January 31, 1995)

STATUS: A draft report was sent to the DOE Richland Operations Office on February 17, 1995, for review of the report's factual content. Comments were received and appropriate changes, mainly clarifications, are being incorporated into the report. The report is currently scheduled to be finalized in early April and issued by April 28, 1995.

2.2.2 COMMITMENT 2.4.d: TWRS TECHNICAL REQUIREMENTS REVIEW REPORT. (DUE: March 31, 1995)

STATUS: Completion of the TWRS Technical Requirements Review (TRR) has been delayed because actions required to approve the Functional Requirements Baseline such as completion of the Systems Requirements Review are behind schedule, and because available resources have not been focused on activities required to support the TRR. The TRR is currently scheduled for June 1995. This date may be revised as part of the action plan being developed to respond to the Systems Requirements Review report (see Commitment 2.4.c, above.)

2.2.3 COMMITMENT 3.4.g: FINAL STAFF ANALYSIS DOCUMENT. (DUE: 90 days after 93-3 Qualification Standards Delivery)

STATUS: Constrained by delivery of the Qualification Standards issued as a deliverable under DNFSB Recommendation 93-3 Implementation Plan. The 93-3 Qualification Standards are not yet complete.

2.2.4 COMMITMENT 3.5.a: WHC TWRS STAFFING ANALYSIS AND POSITION QUALIFICATION STANDARDS. (DUE: January 27, 1995)

STATUS: Complete. This deliverable is in the signature cycle for submittal to the DNFSB.

2.2.5 COMMITMENT 3.5.b: WHC TWRS INDIVIDUAL QUALIFICATION AND TRAINING PLANS. (DUE: February 28, 1995)

STATUS: Complete. These plans will not be submitted to the DNFSB due to Privacy Act restrictions but are available for review by the DNFSB at the WHC facilities at Hanford.

2.2.6 COMMITMENT 3.5.c: WHC TWRS SELECTION PROCESS REPORT DOCUMENTING STATUS AND COMPLETION. (DUE: March 17, 1995)

STATUS: Complete. This deliverable is in the signature cycle for submittal to the DNFSB.

2.2.7 COMMITMENT 3.6.c: SCHEDULE FOR DEVELOPMENT AND ISSUANCE OF THE WHC TWRS MANAGEMENT PLAN AND ASSOCIATED DOCUMENTATION. (DUE: December 30, 1994 -- 30 days after issuance of the PMSD + annexes)

STATUS: Complete. This deliverable was submitted to the DNFSB on March 30, 1995. Part of the development approach delineated in the schedule requires an agreement between the Department of Energy, TWRS Program Office and WHC, regarding the extent and depth of the TWRS SEMP and the Implementing Procedures. Upon reaching agreement, the schedule for these deliverables will be submitted to the DNFSB for meeting Commitments 3.7.h and 3.7.i.

2.2.8 COMMITMENT 3.7.c: DOE-FM REPORT ON DOD SYSTEMS ENGINEERING STANDARD REVIEW. (DUE: March 31, 1995)

STATUS: FM is in the process of requesting an extension of one month. The study is underway with a draft expected during the week of April 10, 1995.

2.2.9 COMMITMENT 3.7.h: TWRS SEMP IMPLEMENTING PROCEDURES SCHEDULE. (DUE: Included in Commitment 3.6.c)

STATUS: The specific schedule for these procedures will be established upon completion of discussions between DOE-RL and WHC. See status of paragraph 2.2.7.

2.2.10 COMMITMENT 3.7.i: REVISED TWRS SEMP SCHEDULE. (DUE: Included in Commitment 3.6.c.)

STATUS: The specific schedule for the revised TWRS SEMP will be established upon completion of discussions between DOE-RL and WHC. See status of paragraph 2.2.7.

2.3 TWRS PROJECT COMMITMENTS.

2.3.1 COMMITMENT 2.4.k: SCHEDULED DATES FOR EACH PROJECT  
INDEPENDENT DESIGN REVIEW. (DUE: January 31, 1995)

STATUS: Complete. This deliverable was submitted to the DNFSB on February 13, 1995.