

Department of Energy

National Nuclear Security Administration Washington, DC 20585

August 29, 2001

OFFICE OF THE ADMINISTRATOR

The Honorable John T. Conway Chairman Defense Nuclear Facilities Safety Board 625 Indiana Avenue, NW. Suite 700 Washington, D.C. 20004-2901

Dear Mr. Chairman:

On August 18, 2000, the Defense Nuclear Facilities Safety Board (Board) forwarded a report documenting the Board's review of the Y-12 Plant Fire Protection Program (FPP). Defense Programs provided an interim response on April 20, 2001, that described a suite of near-term actions and the detail on \$1.2 million in high-priority work scheduled for fiscal year 2001. The April 20, 2001, letter also announced the establishment of an FPP Task Team to identify fire protection deficiencies and prepare a report and corrective action plan for the Y-12 Area Office and the National Nuclear Security Administration (NNSA)

The NNSA field and Headquarters staff have reviewed the proposed "Project Management Plan for the Y-12 Fire Protection Program Comprehensive Corrective Action Plan" and concur in its contents. The NNSA believes that this management plan provides a foundation for a program that will lead to the correction of longstanding FPP deficiencies at the Y-12 Plant. Additionally, the site is making significant progress in accomplishing the scheduled high priority work.

The NNSA and BWXT Y-12 are prepared to brief the Board on this plan during September 2001 and will work with Board staff to arrange a briefing date. If there are questions, please contact me or have your staff contact Mr. David Beck at 202-586-4879.

Sincerely,

IJohn Gordon Administrator

Enclosure

cc w/enclosure: M. Whitaker, S-3.1



Project Management Plan for the Y-12 Fire Protection Program **Comprehensive Corrective Action Plan**

Located at the Y-12 National Security Complex Oak Ridge, Tennessee

Internal Use Only

This document has not been given final patent clearance and is for internal use only. If this document is to be given public release, it must be cleared through the site Technical Information Office, which will see that the proper patent and technical information reviews are completed in accordance with BWXT Y-12, LLC. policy.

> Prepared for the U.S. Department of Energy **National Nuclear Security Administration** Y-12 Area Office

Prepared by **BWXT Y-12, L.L.C. Under Contract DE-ACO5-00OR22800**

Y-12 NATIONAL SECURITY COMPLEX

MANAGED BY BWXT Y-12, L.L.C. FOR THE UNITED STATES DEPARTMENT OF ENERGY

Project Management Plan for the Y-12 Fire Protection Program Comprehensive Corrective Action Plan

Issued—August 2001

Prepared by BWXT Y-12, L.L.C.

Managing the Y-12 National Security Complex
Oak Ridge, Tennessee 37831

for the
U.S. Department of Energy
National Nuclear Security Administration
Y-12 Area Office

Under Contract DE-ACO5-00OR22800

Project Management Plan For the Y-12 Fire Protection Program Comprehensive Corrective Action Plan

Approved by:	/ ,
K.M. Theson	8/6/01
K.M. Nelson, Task Manager	Date
Frederick E. Wetel	8/6/01 Date
F.E. Wetzel, Task Manager	
S. L. Edwards For	8/6/07 Date
B.C. Brown, Fire Protection Engineering	Date
Starken 1 / 1 / Ode/	8/6/01
S.D. Cook, Design Authority Representative	Date /
It Hack by	8-6-01
H.S. Hackler, Fire Department	Date
Paul Wasiero	8/6/01 Date 8/6/01
P.R. Wasilko, Project Manager	Date
-11 Read	8/6/01
L.L. Reed, Director,	Date
Environmental, Safety, and Health	
A. C. Halling Jr.	8/6/01 Date 8/9/0/
A.C. Hollins, Director, Site Services	Date
Jaconner Far	8/9/0/
T.T. Mitchell, President and General Manager	Date

CONTENTS

	CRONYMS AND ABBREVIATIONS	
E)	KECUTIVE SUMMARY	. Vii
1.	PROJECT SCOPE/MISSION NEED SUMMARY	
	1.1 Mission Need	
	1.2 Project Scope	
	1.3 Project Drivers	
	1.5 Project Funding Strategy	
	1.6 Project Hiring Plans.	
2	TEAM DESCRIPTION	5
~.	2.1 Organizational Roles and Responsibilities	. 5
	2.2 Team Roles and Responsibilities	
	2.3 Project Team Training	. 9
	2.4 Process for Issue Dispute Resolution	. 10
3.	METHOD OF ACCOMPLISHMENT	. 10
4.	WORK BREAKDOWN STRUCTURE	. 10
5.	SCHEDULE BASELINE	. 39
6.	COST BASELINE	. 39
7.	PROJECT CONTROL SYSTEMS AND REPORTS	. 40
	7.1 Plans	
	7.2 Performance Measures	
	7.3 Project Closeout and Completion	.41
8.	ACCEPTANCE CRITERIA	.41
9.	CONFIGURATION MANAGEMENT	.41
10	. HAZARD EVALUATION	42
11	ENVIRONMENT, SAFETY AND HEALTH	. 42
12	QUALITY ASSURANCE	. 43
13	RISK ASSESSMENT AND MANAGEMENT	. 43
14	SECURITY	. 43
	RECORDS MANAGEMENT	
16	PROJECT TAILORING	. 44
17	PROJECT TEAM CHARTER	44

CONTENTS (cont.)

Appendix 1: System Requirements Document

Appendix 2: FY2001 Highest Priority Tasks, FY 2001 Y-12 Complex Fire Protection Program

Appendix 3: WBS Capital Asset Management Process (CAMP) Rating

Appendix 4: Project Schedule

Appendix 5: Team Roster

Appendix 6: Cost Estimate

Appendix 7: Transition Plan

Appendix 8: Preliminary Risk Assessment

Appendix 9: Records Management Plan

Appendix 10: Tailoring Matrix

Appendix 11: Project Team Charter