



Department of Energy
Albuquerque Operations Office
P.O. Box 5400
Albuquerque, New Mexico 87185-5400

99-0002055

August 06, 1999

RECEIVED
99 AUG 10 AM 9:36
DNF SAFETY BOARD

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:

Consistent with the Department's implementation plan (98-2 Plan) for the Defense Nuclear Facilities Safety Board's (The Board) Recommendation 98-2, the following provides detail on the four remaining deliverables due within the month of July.

1. Deliverable 5.4.3a – Develop NES process changes and provide recommendations. During the June Deliverable submission, the Department reported on Deliverable 5.4.2b, Submit Recommended Revisions to DOE Orders 452.1A and 452.2A. The Weapons Surety Division (WSD) recommendations were incorporated within this 5.4.2b deliverable as an attachment. A copy of the WSD portion of the recommendations is being provided for your convenience.
2. Deliverable 5.5.1c – Issue DP-20 Decision Report. The Deputy Assistant Secretary for Military Application and Stockpile Management is providing the report directly to the Board under separate cover by August 16, 1999.
3. Deliverable 5.6.1a – Develop a plan for Pantex Plant ISMSV Phase I Review Plan. Currently, the Department is working to determine the appropriate scope of the repeated phase 1 review. The final review plan will be provided by August 20, 1999, under separate cover. Therefore, Commitment 5.6.1 remains open at this time.
4. Deliverable 6.2.1 – Quarterly Briefings and Reports. The quarterly briefing is scheduled for August 17, 1999. Attached is the Quarterly Progress Report for the period April 1 through June 30, 1999.

Unless stated otherwise, the Department has completed the actions within the commitments represented above and proposes closure of these commitments. If you have any questions, please contact me, or have your staff contact Dan Glenn at 505-665-6028.

Sincerely,

R. E. Glass
Manager

Enclosures
cc w/ enclosures (See Page 2)

cc w/enclosures:

J. McConnèll, DNFSB

W. Andrews, DNFSB

625 Indiana Avenue, NW

Suite 700

Washington, D.C. 20004-2901

M. Whitaker, S-3.1

E. Morrow, DP-3

D. Beck, DP-20

S. Puchalla, DP-21

M. Baca, ONDP, AL

S. Goodrum, AAO

D. Pelligrino, AL/ISRD

S. Schwartz, AL/WPD

69.	Attachment 1	If HEVR is included in Definition 10, a definition of HEVR should be included here.
70.	Attachment 1	Delete Definition 21 as it is no longer applicable.
71.	Attachment 1	Modify Definition 26 such that it doesn't suggest that NESRs replace or provide the same level of information as TSRs.
72.	Attachment 1	Delete Definition 32 as it is no longer applicable.
73.	Attachment 1	Add a definition for "surety" also the definition should be expanded to include ES&H disciplines such that it is obvious that NES is only one element of "surety".
74.	Attachment 1	Modify Definition 47 such that TSRs are applicable to and developed for NEOs as well as for facilities.
Weapon Surety Division/Nuclear Explosive Safety Program Recommended Changes		
DOE O 452.2A		
1.	4d(4)	Change heading to " <u>NES Studies, Surveys, Revalidations, and Performance Reviews</u> "
2.	4d(4)(a)	Change to read: "A NES Study shall evaluate proposed operations to determine whether there are adequate positive measures (controls) to satisfy the DOE NES Standards in paragraph 4d(1) above. NES Studies are valid for five years, unless an agreement is made between DP-20 and the Operations Office Manager to eliminate the NES Study expiration."
3.	4d(4)(b)	Replace the last sentence with: "NES surveys are valid for as long as the study it was based upon is valid."
4.	4d(4)(c)	Change to read: "For studies with expiration dates, a NES Study Revalidation may be conducted to determine whether a nuclear explosive operations has significantly changed since the NES Study was approved. A NES Study with an expiration date may be revalidated for a maximum for 5 years, not to exceed 10 years from the date of the original approval."
5.	4d(4)	Add new subparagraph (d): "A NES Performance Review shall be conducted once every 36 to 48 months on all programs, processes, or activities evaluated by a NES Study for which DP-20 and the Operations Office Manager have agreed to remove the five-year study validity timeframe. NES Performance Reviews shall evaluate activities to ensure operations continue to be performed safely and within the safety envelope studied by the NESSG and maintained by the change control process. Responsibility for ensuring these reviews are conducted and performed within the 36 to 48 month timeframe resides with the Operations Office Manager. If the review does not occur within this prescribed timeframe, justification for this non-compliance shall be provided to DP-20, and a review performed as soon as feasible."

Quarterly Report For the Implementation Plan

**Defense Nuclear Facilities Safety Board
Recommendation 98-2**

***Accelerating Safety Management Improvements at
the Pantex Plant***

April 1 through June 30, 1999

***Albuquerque Operations Office
U.S. Department of Energy***

1.0 Introduction

The Department of Energy (DOE) issued the Implementation Plan for Defense Nuclear Facilities Safety Board (DNFSB) Recommendation 98-2, *Accelerating Safety Management Improvements at the Pantex Plant*, in April 1999. On June 16, 1999, the Department received a letter from the DNFSB accepting the Implementation Plan.

This quarterly report for the period April 1 through June 30, 1999 focuses on progress made towards completing the deliverables outlined in the 98-2 Implementation Plan Commitments.

2.0 General Progress

There are a total of 61 deliverables against the 26 commitments made within the 98-2 Implementation Plan. Eight of those deliverables represent quarterly reports and briefings to the Board.

During this reporting period the Department completed 20 deliverables (three commitments). Two July 1999 deliverables were provided early and are being reported during this reporting period. Two deliverables, 5.1.4 and 5.6.3a, due within this reporting period are incomplete. Discussion of these two incomplete deliverables is provided within the Task Area Status section of this report.

3.0 Task Area Status

The following provides a status corresponding to the task areas defined within the 98-2 Implementation Plan for those deliverables due within the April 1, 1999 to June 30, 1999 reporting period. A summary of the commitments and their associated deliverables for 98-2 is provided as Attachment A to this report.

98-2 Commitments and Deliverables

5.1 Implementation of Effective Management Structure

Commitment 5.1.1—Revise MHC internal documents to reflect the Project Team Lead breadth of authority, and accountability to the operating contractor management.

Deliverable #1 to issue Plant Standard 7401 and update Plant Standard 7403 was completed by operating contractor and the Area Office in May and mailed to the Board on June 3, 1999.

Submission of the deliverable #1 completes Commitment 5.1.1

Commitment 5.1.2—Redefine roles for Project Team members and expected relationship among DOE Program Managers, the Pantex operating contractor, and the project team.

Deliverable #1 to issue D&P Manual Chapter 11.1, Rev.1 was corrected to issue the revision to Chapter 11.3. The purpose of this revision was to redefine the roles for the project team members and define the expected relationship among the Department's program managers, the Pantex operating contractor, and the project team. Further review and evaluation of the D&P Chapter 11.1 determined that the best place to institute the stated purpose would be in a revision to Chapter 11.3. The D&P Manual Chapter 11.3 revision was mailed to the Board on June 30, 1999.

Transfer of the leadership role to the operating contractor for the weapon programs for the W56, B61, W62, W76, W78, B83, and W88 is completed. The transfer of the leadership role for the W80 and the W84 is in process and is expected to be completed by the end of August.

Submission of the deliverable #1 completes Commitment 5.1.2

Commitment 5.1.4—Issue project plans with improved project definitions for each weapon program and BIO improvement initiative. Resolve scope and resource conflicts. Issue schedule for Pantex operational improvement initiatives:

Deliverable #1 to provide the project plans is incomplete. The BIO project and improvement initiative plans have been submitted by the Area Office and will be provided to the Board in August. The weapon program project plan scopes and schedules have been approved for the B53, W62, W76, and the W88. The weapon program project plans scopes have been approved for the B61, W78, and W80. The B83 and the W84 are in

process for completion and approval. Once all the project plans have been approved, an integrated weapons activity plan (IWAP) resource loaded schedule will be submitted to the Standing Management Team for review and approval.

5.2 Streamline Process and Tooling Development, and Improve Transfer of Safety Improvements

Commitment 5.2.1—Issue updated definition of DOE expectations for SS-21 and laboratory/contractor implementation guidance.

Deliverable #1 to issue D&P Manual Chapter 11.3 was mailed to the Board on April 23, 1999.

Further revisions to D&P Manual Chapters 11.1 and 11.3 to refine the Department's streamlining expectations are in progress.

Commitment 5.2.3—Complete an assessment of Pantex practices for tooling design, tooling procurement, and procedure development. Issue a report with recommendations and implement adopted actions.

Deliverable #1 to issue a report with recommendations was completed by the operating contractor in May 1999 and mailed to the Board on June 3, 1999.

5.3 Improve Authorization Basis Structure and Approval Process

Commitment 5.3.1—Complete Task Force and Management Action Plan.

Deliverable #1 to provide a task force report was completed by the operating contractor in May 1999 and mailed to the Board on June 3, 1999.

Deliverable #2 to provide an action plan for implementing the report recommendations was provided by the operating contractor in June 1999 and mailed to the Board on June 30, 1999.

Commitment 5.3.2—Issue AL SD 452.2A to establish the line management role (see 5.4) in change control activities. Revise D&P Manual Chapter 11.4 with expectations for 'USQ' process.

Deliverable #1 to issue AL SD 452.2A was mailed to the Board on June 30, 1999.

Deliverable #2 to revise D&P Manual Chapter 11.4 was corrected to issue a new Chapter 11.7 dedicated to the NEO Change Control Process. The issuance of the chapter occurred on June 30, 1999, and satisfied a July deliverable ahead of schedule. The D&P Manual Chapter 11.7 was mailed to the Board on June 30, 1999.

5.4 Streamline Review Processes and Ensure Proper Roles for Reviewers

Commitment 5.4.1—Establish expectations for four review processes used to validate controls and implementation for nuclear explosive operations.

Deliverable #1 to issue D&P Manual Chapter was completed early in June 1999 and provided to the Board on June 15, 1999.

Submission of the deliverable #1 completes Commitment 5.4.1

Commitment 5.4.2—Define changes to NES and readiness review processes.

Deliverable #1 to issue AL SD 452.2A was satisfied with submission of Commitment 5.3.2, Deliverable #1.

Deliverable #2 to submit revisions to DOE Order 452.2 was completed and mailed to the Board on June 30, 1999.

Commitment 5.4.3—Develop changes to NES process and report requirements. Issue changes to NES process, report requirements and other process attributes.

Deliverable #1 to develop process change(s) and provide recommendations was incorporated into the 5.4.2b deliverable to submit revisions to DOE Order 452.2. The recommended revisions represented the two perspectives within the Department and provide a basis for final revisions to the order. A copy of the recommendation revisions was mailed to the Board on June 30, 1999 satisfying the July 1999 due date early.

5.5 Enhance NES Review Group Structure and Continuity

Commitment 5.5.1—Provide recommendations for NES review group structure and membership. Provide a senior level workshop to discuss and review recommendations. Issue a report documenting DP-20's decision. Issue revised requirements.

Deliverable #1 to provide recommendations for NES review work structure was completed by the Weapons Surety Division and provided to the Deputy Assistant Secretary for Military Application and Stockpile Management (DP-20) on May 25, 1999. DP-20 mailed the deliverable to the Board on May 28, 1999.

Deliverable #2 to conduct a senior level workshop was held on June 24, 1999. A copy of the workshop slides was mailed to the Board on June 30, 1999.

Commitment 5.5.2—Provide training and qualification standard recommendations along with the certification process for establishment and maintenance of NES review expertise. Revise and issue Standard 3015.

Deliverable #1 to provide training and qualification standard recommendations was completed by the Weapons Surety Division and provided to the Deputy Assistant Secretary for Military Application and Stockpile Management (DP-20) on May 25, 1999. DP-20 mailed the deliverable to the Board on May 28, 1999.

5.6 Improve Integration of NEO and ISM Initiatives

Commitment 5.6.3 – Demonstrate implementation of the safety management process by approving the TSR conversion and BIO Upgrade modules.

Deliverable #1 to convert the plant's Critical Safety System Manual (CSSM) to the Technical Safety Requirement (TSR) was submitted to the Albuquerque Operations Office for approval in May 1999. The submission included a provisional approval requiring the operating contractor to develop a path forward correcting the technical issues found while reviewing the document. The Board was informed of the incomplete status of the deliverable within the Department's letter on June 3, 1999.

5.7 W62 Specific Recommendation

There were not any deliverables due against Commitment 5.7.1 within this reporting period.

5.8 Enhance Capacity to Complete Program Management and Safety Analysis Tasks

Commitment 5.8.1—Complete Strengths, Weaknesses, Opportunity and Threats (SWOT) analysis for project management skills. Prepare a long-term project management personnel plan.

Deliverable #1 to provide a SWOT for project management skills was completed by the operating contractor May 29, 1999. A copy of the analysis was mailed to the Board on June 3, 1999.

Deliverable #2 to provide a compensatory measure action plan against the project management skills SWOT was completed by the operating contractor on June 25, 1999. A copy of the plan was mailed to the Board on June 30, 1999.

Commitment 5.8.2—Strengthen skills and experience level of Pantex Team Leads.

Deliverable #1 to revise training programs and complete training was completed by the operating contractor on June 25, 1999. However, the training remains in progress and will be recommended for closure against Deliverable 5.8.2b, complete defined actions due in August 1999. A copy of the training program was mailed to the Board on June 30, 1999.

Commitment 5.8.3—Complete SWOT analysis for skills needed to prepare authorization basis documents (risk management). Prepare a long-term project management personnel plan.

Deliverable #1 to prepare a SWOT analysis for authorization basis documents was completed by the operating contractor on May 28, 1999. A copy of the analysis was mailed to the Board on June 3, 1999.

Deliverable #2 to provide a compensatory measure action plan against the risk management skills SWOT analysis was completed by the operating contractor on June 25, 1999. A copy of the plan was mailed to the Board on June 30, 1999.

APPENDIX

98-2 Deliverables and Milestones Matrix

The attached Matrix lists the Commitments and associated deliverables in numerical order. The shaded items have been completed and have been submitted or are in process of submission to the Board for recommended closure.

98-2 Commitments
Progress Report: April 1-June 30, 1999

98-2 Commitment	Deliverable Number	Deliverable	Deliverable Due Date	Deliverable Actual Date	Status
5.1.1: Revise MHC internal documents to reflect the Project Team Lead breadth of authority and accountability to the operating contractor management	5.1.1	Plant Standard 7401 & 7403	05/30/99	05/30/99	Deliverable received by MHC on 5/29/99. Letter to DNFSB signed out 6/3/99
5.1.2: Redefine roles for project Team members and expected relationship among DOE Program Managers, the Pantex operating contractor, and the Project Team	5.1.2	Issue D&P Manual Chapter 1.1.1-Rev 1	06/30/99	06/30/99	1.1.3 Rev 1 was completed on 6/30/99 and submitted to the Board in lieu of 1.1.1 Rev 1. 1.1.1 and 1.1.3 will need to be updated afterward to reflect the streamlining initiative
5.1.3: Replace EP401110 w/TBP 901 to define roles of design agency project team members and eliminate mandated sub-teams	5.1.3	Issue TBP 901	08/30/99		TBP-901 is in SMT concurrence prior to publication
5.1.4: Issue project plans w/improved project definitions for each weapon program and BIO improvement initiative. Resolve scope and resource conflicts. Issue schedule for Pantex operational improvement initiatives	5.1.4	Project Plans and Schedules	06/30/99		All BIOs complete. B83 remain outstanding. All approved plans must be resource loaded correctly to resolve resource conflicts. Updated IWAP due 8/15/99 for review. Due to SMT by 9/99. Final expected for 10/99.
5.2.1: Issue updated definition of DOE expectations for SS-21 and laboratory/contractor implementation guidance	5.2.1a	Issue D&P Manual Chapter 1.1.3	04/30/99	04/19/99	Complete
5.2.1: Issue updated definition of DOE expectations for SS-21 and laboratory/contractor implementation guidance.	5.2.1b	Issue TBP 901	08/30/99		TBP-901 is in SMT concurrence prior to publication
5.2.2: Implement concurrent engineering, activity based tooling design, multiple program-use tooling, and improved built-in review processes	5.2.2	Modify associated plant documents to meet new TBP 901 standards	11/30/99		Started multi-program tooling designs for transportation carts.
5.2.3: Complete an assessment of Pantex practices for tooling design, tooling procurement, and procedure development. Issue a report w/recommendations and implement adopted actions.	5.2.3a	Report with recommendations	05/30/99	05/30/99	Deliverable received by MHC on 5/29/99. Letter to DNFSB signed out 6/3/99

98-2 Commitments
Progress Report: April 1-June 30, 1999

98-2 Commitment	Deliverable Number	Deliverable	Deliverable Due Date	Deliverable Actual Date	Status
5.2.3: Complete an assessment of Pantex practices for tooling design, tooling procurement, and procedure development. Issue a report w/recommendations and implement adopted actions	5.2.3b	Implement process improvements	08/30/99		Corrective action plan provided to AAO on 6/25/99. Long-term actions to be identified by 8/27/99.
5.3.1: Complete Task force and Management Action Plan	5.3.1.c	Action Complete	08/30/99		Dependent on 5.3.1a and b. Long-term actions to be determined by 8/27/99.
5.3.1: Complete Task force and Management Action Plan	5.3.1a	Task Force Report	05/30/99	05/30/99	Deliverable received by MHC on 5/29/99. Letter to DNF SB signed out 6/3/99.
5.3.1: Complete Task force and Management Action Plan	5.3.1b	Action Plan	06/30/99	06/30/99	Deliverable received by MHC on 7/1/99.
5.3.2: Issue AL SD 452.2A to establish line management role (see 5.4) in change control activities. Revise D&P Manual Chapter 11.4 with expectations for "USQ" process.	5.3.2a	Issue AL SD 452.2A	06/30/99	06/30/99	Deliverable completed
5.3.2: Issue AL SD 452.2A to establish line management role (see 5.4) in change control activities. Revise D&P Manual Chapter 11.4 with expectations for "USQ" process.	5.3.2b	Revise D&P Manual Chapter 11.4	07/30/99	06/30/99	Chapter 11.4 is not correct chapter to address USQ process. The final 11.7 was completed 6/30/99.
5.3.2: Issue AL SD 452.2A to establish line management role (see 5.4) in change control activities. Revise D&P Manual Chapter 11.4 with expectations for "USQ" process.	5.3.2c	Combine requirements into one manual	04/30/00		Status not available
5.3.3: Assess effectiveness of review process for proposed authorization basis documents	5.3.3a	Assessment for review of W88 HAR	11/30/99		Dependant on 5.6.4a
5.3.3: Assess effectiveness of review process for proposed authorization basis documents	5.3.3b	Assessment for review of transportation BIO upgrade	11/30/99		Status not available
5.4.1: Establish expectations for four review processes used to validate controls and implementation for nuclear explosive operations	5.4.1	D&P Manual Chapter 11.6	06/30/99	06/28/99	Deliverable completed 6/21/99.
5.4.2: Define changes to NES and readiness review processes	5.4.2a	Initial Issue of DOE AL SD 452.2	06/30/99	06/30/99	Final to Glass for signature 6/30/99
5.4.2: Define changes to NES and readiness review processes	5.4.2b	Submit revisions to DOE Order 452.2	06/30/99	06/30/99	Final to Glass for signature 6/30/99

98-2 Commitments
Progress Report: April 1-June 30, 1999

98-2 Commitment	Deliverable Number	Deliverable	Deliverable Due Date	Deliverable Actual Date	Status
5.4.2: Define changes to NES and readiness review processes	5.4.2c	Issue revised DOE Order 452.2	10/30/99		Dependant on 5.4.2a and b
5.4.3: Develop changes to NES process and report requirements	5.4.3a	Develop process changes & provide recommendations	07/30/99	06/30/99	WSD has developed proposed changes for the affected HQ level directives in a variety of areas. These proposed changes were submitted with the 5.4.2b submission in June.
5.4.3: Issue changes to NES process, report requirements & other process attributes	5.4.3b	Revise DOE STD-3015	11/30/99		Dependent on 5.4.3a
5.5.1: Provide recommendations for NES review group structure and membership	5.5.1a	Provide recommendations	05/30/99	05/28/99	Letter to Gene Ives was issued 5/25/99. Ives office forward to DNFSB on 5/28/99
5.5.1: Provide a senior level workshop to discuss & review recommendations	5.5.1b	Senior level workshop	06/30/99	06/30/99	Complete 6/24/99
5.5.1: Issue report documenting DP-20's decision	5.5.1c	Decision Report	07/30/99		Working group was on 6/24 and 7/1/99. DP-20 submitting deliverable directly to the Board
5.5.1: Issue revised requirements	5.5.1d	Issue DOE-STD-3015	11/30/99		Dependent on 5.4.3a & 5.5.1 a-c
5.5.2: Provide training & qualification standard recommendations along with the certification process for establishment and maintenance of NES review expertise	5.5.2a	Recommendations	05/30/99	05/28/99	Letter to Gene Ives was issued 5/25/99. Ives office forward to DNFSB on 5/28/99
5.5.2: Revise and issue Standard 3015	5.5.2b	Revise & Issue DOE-STD-3015	11/30/99		Dependent on 5.4.3a & 5.5.1 a-c
5.6.1: Develop a plan for Pantex Plan ISMSV Phase 1 review	5.6.1a	ISMSV Phase 1 Review Plan	07/30/99		80% complete. 14 out of 18 action complete. 3 actions depend on ABTF.
5.6.1: Conduct the ISMSV Phase 1 review and issue a report.	5.6.1b	ISMSV Phase 1 Review Report	09/30/99		Scheduled for 7/27/99

98-2 Commitments
Progress Report: April 1-June 30, 1999

98-2 Commitment	Deliverable Number	Deliverable	Deliverable Due Date	Deliverable Actual Date	Status
5.6.1: Upon satisfactory results from the ISMSV Phase 1 review, approve the ISMS Description	5.6.1c	Approved ISMS Description	04/30/00		80% complete. 14 out of 18 action complete. 3 actions depend on ABTF.
5.6.2: Develop a plan for ISMSV Phase II review. Conduct ISMSV Phase II review	5.6.2a	ISMSV Phase II Review Plan	03/30/00		Scheduled to begin 90 days after Phase 1 is complete
5.6.2: Develop a plan for ISMSV Phase II review. Conduct ISMSV Phase II review	5.6.2b	ISMSV Phase II Report	06/30/00		Dependant on 5.6.2a
5.6.3: Demonstrate implementation of the safety management process by approving the TSR conversion and BIO Upgrade modules.	5.6.3a	CSSM to TSR Conversion	05/30/99	05/30/99	AAO submitted to AL on 5/29/99. Memo to board was finalized 6/3/99. However, commitment is not complete because deliverable was not considered fully satisfactory by AL or AAO. MHC is required to develop a path forward to correct remaining technical issues.
5.6.3: Demonstrate implementation of the safety management process by approving the TSR conversion and BIO Upgrade modules.	5.6.3b	Approved BIO/TSR Upgrade for lightning hazards	10/30/99		Submitted to AAO on 4/26/99
5.6.3: Demonstrate implementation of the safety management process by approving the TSR conversion and BIO Upgrade modules.	5.6.3c	Approved BIO/TSR Upgrade for transportation hazards	11/30/99		Submitted to AAO on 4/26/99
5.6.4: Demonstrate implementation of the safety manage process established for nuclear explosive operations. Evaluate effectiveness of safety management process improvements.	5.6.4a	Re-authorization of the existing W88 process in accordance with the tasks and schedule identified in the IWAP	08/30/99		Change control request approved 6/4/99. Recovery plan shows Completion of Step 1 on 2/18/00.
5.6.4: Demonstrate implementation of the safety manage process established for nuclear explosive operations. Evaluate effectiveness of safety management process improvements.	5.6.4b	Authorization of an SS-21 process for the W78 in accordance with the tasks and time interval identified in the IWAP	04/30/01		Status not available

98-2 Commitments
Progress Report: April 1-June 30, 1999

98-2 Commitment	Deliverable Number	Deliverable	Deliverable Due Date	Deliverable Actual Date	Status
5.6.5: Assess effectiveness of actions taken to address concerns address in Recommendation 98-2.	5.6.5a	Review plan and criteria for final assessment	TBD		Status not available
5.6.5: Assess effectiveness of actions taken to address concerns address in Recommendation 98-2.	5.6.5b	Final Report	TBD		Status not available
5.7.1: Implement compensatory measures identified in the Step 1 Project Plan for the W62 program.	5.7.1	Reauthorization of the existing W62 process in accordance with the IWAP project plan.	10/30/99		Behind schedule. Working recovery.
5.8.1: Complete a Strengths, Weaknesses, Opportunity and Threats analysis for project management skills. Prepare a long-term project management personnel plan.	5.8.1a	SWOT analysis	05/30/99	05/30/99	Deliverable received by MHC on 5/29/99. Letter to DNFSB signed out 6/3/99.
5.8.1: Complete a Strengths, Weaknesses, Opportunity and Threats analysis for project management skills. Prepare a long-term project management personnel plan.	5.8.1b	Compensatory measure action plan	06/30/99	06/30/99	Deliverable received by MHC on 7/1/99.
5.8.1: Complete a Strengths, Weaknesses, Opportunity and Threats analysis for project management skills. Prepare a long-term project management personnel plan.	5.8.1c	Long term personnel plan for project management.	08/30/99		Long-term actions to be identified by 8/27/99
5.8.2: Strengthen skills and experience level of Pantex Team leads.	5.8.2a	Revise training programs and complete training	06/30/99	06/30/99	Deliverable received by MHC on 7/1/99.
5.8.2: Strengthen skills and experience level of Pantex Team leads	5.8.2b	Complete defined actions	08/30/99		5% complete
5.8.3: Complete Strengths, Weaknesses, Opportunity and Threats analysis for skills needed to prepare authorization basis documents. Prepare a long-term project management personnel plan.	5.8.3a	SWOT analysis	05/30/99	05/30/99	Deliverable received by MHC on 5/29/99. Letter to DNFSB signed out 6/3/99.
5.8.3: Complete Strengths, Weaknesses, Opportunity and Threats analysis for skills needed to prepare authorization basis documents. Prepare a long-term project management personnel plan.	5.8.3b	Compensatory measure action plan	06/30/99	06/30/99	Deliverable received by MHC on 7/1/99.
5.8.3: Complete Strengths, Weaknesses, Opportunity and Threats analysis for skills needed to prepare authorization basis documents. Prepare a long-term project management personnel plan.	5.8.3c	Long term personnel plan for project management.	09/30/99		Provide a draft ong-term action plan to AAO for review on 9/23/99.

98-2 Commitments
Progress Report: April 1-June 30, 1999

98-2 Commitment	Deliverable Number	Deliverable	Deliverable Due Date	Deliverable Actual Date	Status
5.8.4: Staff authorization basis review positions as AAO and DOE-AL. Complete qualification for individuals with authority to approve authorization basis documents.	5.8.4a	Complete staffing actions	12/30/99		Status not available
5.8.4: Staff authorization basis review positions as AAO and DOE-AL. Complete qualification for individuals with authority to approve authorization basis documents.	5.8.4b	Complete qualification standards	12/30/99		Status not available
5.8.4: Staff authorization basis review positions as AAO and DOE-AL. Complete qualification for individuals with authority to approve authorization basis documents.	5.8.4c	Complete qualification.	04/30/00		Status not available
6.2.1: Quarterly Briefings & Reports	6.2.1	Briefing & Written Report	07/30/99	07/30/99	Quarterly Progress Report Complete. Briefing scheduled by the Board for 8/17/99.
6.2.1: Quarterly Briefings & Reports	6.2.1	Briefing & Written Report	10/30/99		Required to show every quarter.
6.2.1: Quarterly Briefings & Reports	6.2.1	Briefing & Written Report	01/30/00		Required to show every quarter.
6.2.1: Quarterly Briefings & Reports	6.2.1	Briefing & Written Report	04/30/00		Required to show every quarter.
6.2.1: Quarterly Briefings & Reports	6.2.1	Briefing & Written Report	07/30/00		Required to show every quarter.
6.2.1: Quarterly Briefings & Reports	6.2.1	Briefing & Written Report	10/30/00		Required to show every quarter.
6.2.1: Quarterly Briefings & Reports	6.2.1	Briefing & Written Report	01/30/01		Required to show every quarter.
6.2.1: Quarterly Briefings & Reports	6.2.1	Briefing & Written Report	04/30/01		Required to show every quarter.
6.2.1: Quarterly Briefings & Reports (Final Report)	6.2.1	Briefing & Written Report	TBD		Required to show every quarter.