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 quarterly report for Recommendation 98-2 for the period July 1 through September 30, 2002.

During this reporting period, the Department made progress toward completion of all commitments. Sixteen out of twenty-six commitments have been delivered, two have been rendered moot by subsequent events, and eight remain outstanding. Change 1 to Revision 1 of the Implementation Plan (currently with the Executive Secretariat for signature by the Secretary) proposes a new Commitment 4.4.7 to accelerate implementation of critical tooling for two Conventional High Explosive (CHE) weapons to the greatest extent possible within the scope of the SS-21 authorization basis efforts currently in progress. This report includes progress toward new Commitment 4.4.7.

The National Nuclear Security Administration will be briefing the Board on implementation of SS-21, including the most critical open commitments of Recommendation 98-2, on October 28, 2002. That briefing will satisfy Commitment 5.2.2 to provide a quarterly briefing to Board. The viewgraphs customarily provided at previous briefings are enclosed and will not be presented on October 28, 2002; however, we will be prepared to discuss the information in the enclosed viewgraphs should the Board have further questions.

If you have any questions, please contact me or have your staff contact Jeff Underwood at 301-903-8303.

Sincerely,

David E. Beck  
Assistant Deputy Administrator  
for Military Application and  
Stockpile Operations  
Defense Programs

3 Enclosures
cc w/enclosures:
E. Morrow, NA-3.6
E. Schmidt, NA-121
M. Schoenbauer, NA-122
W. Sigmond, NA-122.2
J. Underwood, NA-124
M. Whitaker, S-3.1, HQ
K. Davis, S-3.1
J. McConnell, DNFSB
W. Andrews, DNFSB
J. Arthur, AL
D. Glenn, OASO
S. Erhart, OASO
M. Reaka, OASO/P
D. Brunell, OASO
D. Ruddy, BWXT Pantex
K. Powers, NV
T. McEvoy, NV
S. Schwartz, OWPM
Quarterly Report for the Implementation Plan

Defense Nuclear Facilities Safety Board Recommendation 98-2

Accelerating Safety Management Improvements at the Pantex Plant

July 1 through September 30, 2002

Assistant Deputy Administrator
for Military Operations and Stockpile Operations
National Nuclear Security Administration
U.S. Department of Energy
1.0 Introduction

On September 25, 2000, the Secretary of Energy approved Revision 1 to the 98-2 Implementation Plan (IP) and provided a copy to the DNFSB. Change 1 to Revision 1 is pending in the Office of the Secretary for transmittal to the Board. The following report for the period July 1 through September 30, 2002, tracks progress towards completing the commitments outlined in the Revision 1 IP and toward the additional commitment proposed in Change 1 to Revision 1.

2.0 General Progress

From July 1 through September 30, 2002, no commitments were completed. Progress made on outstanding and proposed commitments is noted in the following sections.

3.0 Task Area Status

The status of open and proposed commitments is provided below for each task area of the Revision 1 IP.

4.1 Define Scope of Work

There are no outstanding commitments within this task area.

4.2 Analyze Hazards

There are no outstanding commitments within this task area.

4.3 Develop and Implement Controls

Commitment 4.3.2 – The purpose of this commitment is to validate implementation of the improved site-wide TSR controls for fire protection.


BWXT Pantex has declared readiness for Phase 3 of the implementation plan for site-wide TSR controls for fire protection, but not for Phase 2. A combined NNSA RA for Phases 2 and 3 is planned for early December, pending completion of the contractor’s RA.

Commitment 4.3.3 — The purpose of this commitment is to address the hazards associated with on site transportation of nuclear explosives by developing and establishing the technical and analytical basis for site-wide TSR transportation controls.

Deliverable: DOE-approved BIO Module for On-Site Transportation and associated TSR and DOE-approved Implementation Plan for transportation controls.
This action has changed significantly since creation of the Revision 1 IP. Where the Revision 1 IP called for an single authorization basis document approved once in its entirety, the magnitude of the analysis required made it more feasible to divide it into three phases, with separate Safety Analysis Report (SAR) modules for each of three Phases – Phase I (weapons in their ultimate user configuration), Phase II (partial assemblies) and Phase III (nuclear material).

During the previous quarter the NNSA approved the Phase I SAR and its implementation plan. The monthly 30/60/90 day report and the BWXT Pantex Performance Evaluation Plan calls for Phases II and III to be submitted for approval on or before February 13, 2003 and approved on or before April 10, 2003. These phases require extensive weapon response analysis and are the most challenging of all those developed in authorization basis upgrade.

The Revision 1 IP calls for completion of the Transportation Basis for Interim Operations (BIO), the earlier concept, by February 28, 2001. Change 1 to the Revision 1 IP (currently pending in the Office of the Secretary) commits to approval of the complete Transportation SAR and its associated implementation plans by June 30, 2003.

Commitment 4.3.4 - The purpose of this commitment is to validate implementation of the improved site-wide TSR controls for on-site transportation of nuclear explosives.


The NNSA anticipates conducting a Readiness Assessment for the Group 1 controls of the Phase 1 SAR in November, 2002, pending satisfactory completion of the BWXT Pantex Readiness Assessment.

Implementation status for the Enhanced Transportation Cart (ETC), a major part of the Transportation SAR, is:

- W76, W78, W88 - ETC I and ETC II are complete.
- B61 - ETC 1 is complete.
- W80, W87 - Implementation in progress.
- B83 - Implementation is scheduled for March, 2003.
- W84 - Implementation to be prior to next scheduled surveillance cycle.

Commitment 4.3.9 – The purpose of this commitment is to modify the fire detection and suppression system in Building 12-44

Deliverable – Completion of physical modifications to Building 12-44.

The original proposal included installation of UV detectors. The proposal was
revised and approved in November 2001 to install infrared detectors in lieu of the UV detectors. The flow testing issues briefed to the Board on October 16 will not prevent on time completion of this item.

The Revision 1 IP calls for completion of the project by December 30, 2002. The project remains on track to completion per the Revision 1 IP.

4.4 Perform Work

Commitment 4.4.3 and 4.4.4 — The purpose of this commitment is to issue revisions to supplemental directives to align with the changes to DOE Orders 452.1, 452.2, and DOE-STD-3015.

Deliverable: Revisions to the AL Supplemental Directives 452.1 and 452.2 issued and an Impact Analysis and DOE-approved Implementation Plan (as required).

All actions under commitment 4.4.3 are complete.

Deliverable: Revisions to the NV Supplemental Directives 452.1 and 452.2 issued and an Impact Analysis and DOE-approved Implementation Plan (as required).

The National Nuclear Security Administration Nevada Operations Office (NNSA/NV) manager signed NV O 452.1B on April 15, 2002, and NV O 452.2B on April 18, 2002 and copies have been provided to the Board. NNSA/NV has performed an appraisal of DOE Order 452.1B and 452.2B and associated field directives at the Nevada Test Site. A response to this appraisal will be the development of an Implementation Plan, and associated resource requirements, that will be incorporated into a revised Program Plan for the Device Assembly Facility.

On August 14, 2002, NNSA/NV directed LLNL and LANL to provide the implementation plan by September 30. On September 24 LLNL and LANL requested that the date be extended by six months. In early October, 2002, NNSA/NV extended the date to March 31, 2003 and requested bimonthly status reports on implementation plan development.

The Revision 1 IP calls for completion of these actions by February 28, 2001. Change 1 to the Revision 1 IP did not request an extension of that date.

Commitment 4.4.5 — The purpose of this commitment is to authorize startup of the W78 SS-21 process.

Deliverable: W78 SS-21 Startup Authorization.

Work is in progress. The December 2003 completion date of the Integrated Weapon Activity Plan (IWAP) Issue H, was changed to August 2003 in Revision 1
Commitment 4.4.6 – The purpose of this commitment is to authorize startup of B83 SS-21 process.

Deliverable: B83 SS-21 Startup Authorization.

This work commenced in June 2002 and was scheduled by Issue H of the IWAP to complete in June 2004. Revision 1 to Issue H of the IWAP changed the completion date to May, 2004. Change 1 to Revision 1 to the IP commits NNSA to the May date. Work is progressing adequately to complete by May 30, 2004.

Commitment 4.4.7 – Accelerated Tooling. Change 1 to Revision 1 to the IP will commit the NNSA to accelerate implementation of critical tooling for two Conventional High Explosive weapons to the greatest extent possible within the scope of the current SS-21 authorization basis projects.

Deliverable: Delivery of bay and cell critical tooling for the W78 program and bay tooling for the W88 program to the Pantex contractor.

Change 1 to Revision 1 to the IP commits to having designated critical tooling on site for the W78 by January 31, 2003 and for the W88 by October 1, 2002. The W78 is on track to meet the January date. The W88 program missed the October date due to unanticipated greater demands by the ETC project for the tooling engineer. The W88 program has developed a recovery schedule and anticipates meeting the May 21, 2003 implementation date.

Deliverable: Implementation of bay and cell tooling for the W78 program and bay tooling for the W88 program to the Pantex contractor.

Change 1 to Revision 1 to the IP commits to having designated critical tooling implemented for the W78 by August 28, 2003 and for the W88 by May 21, 2003. The W78 is on track to meet the August date. The W88 program anticipates overcoming the late tooling delivery and meeting the May 21, 2003 implementation date.
Defense Nuclear Facilities Safety Board
Recommendation 98-2

Quarterly Briefing for the Period Ending
9/30/02
TBD, 2002
National Nuclear Security Administration

Recommendation 98-2
Accelerating Safety Management Improvements
at the Pantex Plant (Open Items)

Commitment

<table>
<thead>
<tr>
<th>Recommendation</th>
<th>Responsible</th>
<th>Cost</th>
<th>Schedule</th>
<th>Quality</th>
<th>Overall</th>
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<tr>
<td>4.3.2: DOE Readiness Assessment Report for Fire Prot. (1)</td>
<td>Brunell, AAO</td>
<td>G</td>
<td>See Note (1) (G)</td>
<td>G</td>
<td>G</td>
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<td>4.3.3: DOE-Approved Transp. BlO/TSR &amp; Implementation Plan (2)</td>
<td>Brunell, AAO</td>
<td>G</td>
<td>See Note (2) (R)</td>
<td>G</td>
<td>G</td>
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<tr>
<td>4.3.4: DOE Readiness Assessment Report for Transp. (3)</td>
<td>Brunell, AAO</td>
<td>G</td>
<td>See Note (3) (G)</td>
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<td>G</td>
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<tr>
<td>4.3.9: Completion of 12-44 Modifications</td>
<td>J. Guelker, AAO</td>
<td>G</td>
<td>12/30/2002 (G)</td>
<td>G</td>
<td>G</td>
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<td>4.4.4: Revise NVO Orders, Attain NVO Impact &amp; Implementation (4)</td>
<td>T. McEvoy, NVO</td>
<td>G</td>
<td>See Note (4) (R)</td>
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<tr>
<td>4.4.5: W78 SS-21 Start-up Authorization (5)</td>
<td>R. McKay, NA-122</td>
<td>G</td>
<td>See Note (5) (G)</td>
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<td>4.4.6: B83 SS-21 Start-up Authorization (6)</td>
<td>M. Bruns, NA-122</td>
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<td>See Note (6) (G)</td>
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<tr>
<td>4.5.1: IP 98-2 Final Assessment Report</td>
<td>D. Beck, NA-12</td>
<td>G</td>
<td>6/30/2003 (G)</td>
<td>G</td>
<td>G</td>
</tr>
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</table>

Notes
(1) 4.3.2 NNSA RA anticipated in early December to avoid resource conflict with Transportation Phase 1RA and to allow time for contractor to complete readiness for Phase 3.
(2) 4.3.3 Phase I Transportation SAR Module and Implementation Plan approved. Phase II & III Weapon response data is biggest uncertainty for meeting 10 CFR 830 deadline. Revised 98-2 IP will change approval date for Phases II and III to 6/03.
(3) 4.3.4 DOE Readiness Assessment (RA) for Phase I anticipated in November, 2002. Phases II and III TBD.
(4) 4.4.4 NV O 452.1B and NV O 452.2B issued, Implementation Plan due 3/30/03
(5) 4.4.5 98-2 IP completion date for W78 is 12/30/02, After reprioritization and deletion of rebuild current date is 6/28/03, On schedule.
(6) 4.4.6 98-2 IP completion date for B83 is 5/30/02, Board advised that current date is 5/30/04, On schedule, Milestone 1 approved on September 5.

HQ POC Jeff Underwood (NA-124) 3-830310/17/02
Recommendation 98-2
Commitments Delivered This Quarter
Accelerating Safety Management Improvements at the Pantex Plant

✓ Commitments Delivered Since Last Quarter
  ✓ None
Recommendation 98-2

Open Commitments (1)

Accelerating Safety Management Improvements at the Pantex Plant

- 4.3.2 DOE Readiness Assessment Report for Fire Protection
  - Readiness Assessment for Phases 2 and 3 scheduled for December, 2002.
  - Contractor has declared readiness for Phase 3, but not for Phase 2.
  - Resource conflict with Transportation Phase 1, Group 1 RA and absence of contractor Declaration of Readiness for Phase 2 makes scheduling after Transportation Phase 1, Group 1 RA most reasonable.
Recommendation 98-2

Open Commitments (2)
Accelerating Safety Management Improvements at the Pantex Plant

- 4.3.3, DOE-Approved BIO Module/TSR for On-Site Transportation and DOE-Approved Implementation Plan for On-site Transportation Controls
  - Phase I SAR Implementation Plan approved.
  - Phases II and III on schedule per Authorization Basis Upgrade plan, but extent of weapon analysis required threatens on time completion.

- 4.3.4 DOE Readiness Assessment Report for Transportation
  - The extent of NNSA readiness verification activities has not been determined.

- 4.3.9 Completion of Physical Modifications to Bldg 12-44
  - Project modified to use IR detectors instead of UV.
  - On schedule to December, 2002, completion.
Recommendation 98-2

Open Commitments (3)
Accelerating Safety Management Improvements at the Pantex Plant

- 4.4.4, Revision to Corresponding NVO Orders to align with published changes to DOE O 452.1 and 452.2 and DOE-STD-3015
  - Orders issued. NV has deferred Implementation Plan until 3/31/03.
- 4.4.5 W78 (CHE) SS-21 Start-up Authorization
  - On schedule to IWAP Issue H, Rev 1 completion date of 8/28/03
  - On schedule to have accelerated tooling on site by 1/31/02
- 4.4.6 B83 (IHE) SS-21 Start-up Authorization
  - Project started on time in 6/02. Milestone 1 met in 8/02.
  - On schedule for IWAP Issue H, Rev 1 completion date of 5/30/04.
- 4.5.1 IP 98-2 Final Assessment Report
  - Report date will change as a result of Change 1 to Revision 1 to the 98-2 Implementation Plan
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<tr>
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<td>4.3.03</td>
<td>DOE-Approved Bio Module/TSR for On-Site Transportation and DOE-Approved Implementation Plan for On-Site Transportation controls submitted</td>
<td>2/28/2001</td>
<td>2/28/2001- Glass Letter to Conway</td>
<td>4/20/02 Beck letter to Conway</td>
<td>07/30/01-Correction for 5.4.4.2</td>
<td>Partial</td>
<td>Don Brunell, ASO</td>
<td>10/16/2002</td>
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</tr>
</tbody>
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4.4.04 Revisions to corresponding NVO Orders to align with published changes to DOE Orders 452.1A and 452.2A and DOE-STO 3015; Request Impact Analysis and Provide DOE-Approved Implementation Plan.

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<tr>
<td>4.4.04</td>
<td>2/28/2001</td>
<td>2/28/2001- Glass Letter to Conway</td>
<td>4/20/02 Beck letter to Conway</td>
<td>07/30/01-Correction for 5.4.4.2</td>
<td>Partial</td>
<td>Tim McEvoy, NVO</td>
<td>10/16/2002</td>
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| 4.3.02         | DOE Readiness Assessment Report for Fire Protection    | 7/30/2002            |                         |                                           | 4/7/2002 - New action  
1/11/2002 - The data for completion is predicated upon completion and implementation of the Fire BO and TSRs  
2/28/01 - The Fire BO and TSRs have been approved. The implementation plan is due in 30 days. The implementation will take a year to complete. Anticipate completing the BO by 6/30/02.  
4/11/01 - Three phase with several individual RAs are planned to complete all facilities and programs associated with completion of this commitment. The first RA is scheduled to start November 2002. Based on the current schedule, July 2003 appears to be the appropriate date to finish the TSR commitment. As is usual, the TBD will be replaced with July 2002.  
5/11/02 - The RA for the approved Fire BO/TSR is scheduled to begin February 2002. The report remains scheduled to be delivered by July 2002.  
4/1/02 - Implementation for W56, W86, 52J, and W76 is complete.  
4/28/01 - The RAs are scheduled. Readiness Verification for W76 is in progress.  
4/11/02 - Reporting and reporting is complete in July. Post DOE RA in August, 2002.  
4/30/02 - Only produced summary for W76 and B11. Special Use Facilities CRAs in progress. W76 is being done  
5/2/02 - DOE RA anticipated in early December due to resource conflicts with Transportation Phase I RA. | Open | Don Brunell, ASO | 10/16/2002 |
| 4.3.04         | DOE Readiness Assessment Report for Transportation     | TBD                  |                         |                                           | 4/7/2002 - Carried forward 5.3.30  
1/11/2002 - The data for completion is predicated upon completion and implementation of the Transportation BO and TSRs  
2/28/01 - The Transportation BO and TSRs have been approved. The implementation must be complete to initiate the RA. It is anticipated that the RA will begin September 2002.  
4/1/02 - To be scheduled for Phase I after implementation plan for Phase I is approved.  
4/28/01 - The extent of NNSA readiness verification activities will be determined after review of contractor readiness verification activities.  
| 4.3.09         | Completion of physical Modifications to Bldg. 12-44    | 12/30/2002           |                         |                                           | 4/7/2002 - New action  
1/11/2002 - Building is schedule to complete modifications on-time.  
1/26/01 - The RA is under review by OASO.  
1/26/01 - BWXT is proposing to install infrared Detectors in lieu of the previously planned UV Detectors.  
1/28/01 - OASO approved the infrared Detector proposal. Change in direction may cause 2-3 month slip in the schedule.  
2/14/01 - On schedule to 1/28/02 completion.  
2/14/01 - Due by 7/1/2002. SMT to and on 7/17/01.  
3/1/2002 - SMT Chair IWN' for BWXT.  
3/8/2002 - SMT Chair IWN' for BWXT.  
4/1/2002 - M78 5S-21 Start-up Authorization  
| 4.4.5          | W78 5S-21 Start-up Authorization                      | 12/30/2002           | 12/30/2003              |                                           | 4/7/2002 - Carried forward 5.3.4  
1/11/2002 - Assessment of new scan (other than production techniques) availability to start 5S-21 work in FY01 has not been completed by either the labs or BWXT. Expect an answer by 1/12/00.  
2/26/01 - The W78 Project Team has requested that the 5S-21 project start in 7/2002.  
3/28/01 - At the meeting at Pacifica, BWXT was asked by OP-20 to propose a new "baseline target" HAP. The due date is June 15, 2001. The new HAP should address where the W78 5S-21 project will initiate and end.  
4/10/01 - BWXT presented their proposed HAP. Left open is still needed to confirm support to schedule. Input is due by 5/28/01. SAT scheduled to review and approve on 7/19/01.  
5/1/2001 - SAT approved HAP.  
5/15/02 - W78 5S-21 provided their project scope to the SAT on 11/15/02. Milestone 1 was presented to the SW2 SAT.  
5/16/02 - On schedule to August, 2003 completion per Change 1 to Revision 1P. | Open | Rob McKay, OWPM | 10/16/2002 |

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<tr>
<td>4.4.6</td>
<td>BB3 SS-21 Start-up Authorization</td>
<td>5/30/2002</td>
<td>5/30/2004</td>
<td>-5/10/00-Regulations 5.6.4 -10/30/00-There is no funding for the project to start in 1/Y2001. -5/20/01-The BB3 SS-21 team is completing their project plan and requesting for approval. The project is expected to begin the SS-21 process on October 1, 2001. -5/20/01-During the meeting at Pantex, BB3 review was passed by EP-30 to propose a new &quot;MBT-style Target WAAP.&quot; The date is June 15, 2001. This new WAAP should describe where the BB3 SS-21 project will start and end. -6/15/01-BWXT presentation of initial proposed WAAP- Lab input is still needed to confirm support to schedules. Input is due by 7/12/01. SAT scheduled to review and approve on 7/17/01. -7/12/01-SAT approved WAAP. -6/21/01-SAT Chair approved WAAP for release. Approved WAAP indicates a BB3 full SS-21 completion date of May 2004. -9/18/02-85-21 team scheduled to kick-off June 2002. -10/1/02-Milestone 0 held. Milestone 1 expected to August 2002. -11/18/02 - On schedule to August, 2002, 2003 completion per Change 1 to Revision 1 P.</td>
<td>Open</td>
<td>John Myers, OWPM</td>
<td>10/16/2002</td>
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<tr>
<td>4.1.2</td>
<td>Assessment of TBP 901 Implementation</td>
<td>11/30/2001</td>
<td>11/30/2001</td>
<td>11/30/01-Glass letter to Conway</td>
<td>Delivered</td>
<td>Dave Ryan, OASO</td>
<td>11/30/2001</td>
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<td>4.2.2</td>
<td>TBP Guidance on expectations &amp; documentation of weapon response (Follow-on to 11.8)</td>
<td>1/30/2001</td>
<td>1/30/2001</td>
<td>1/30/01-Glass letter to Conway</td>
<td>Delivered</td>
<td>Steve Erhart, OASO</td>
<td>1/30/2001</td>
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<td>4.2.3</td>
<td>11.6 and TBP Impact Analysis &amp; DOE-Approved Implementation Plan</td>
<td>3/00/2001</td>
<td>3/00/2001</td>
<td>3/00/01-Ball letter to Conway</td>
<td>Delivered</td>
<td>Don Brunell, OASO</td>
<td>3/28/2001</td>
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<td>4.2.4</td>
<td>Assessment of USQ Process</td>
<td>1/30/2001</td>
<td>1/30/2001</td>
<td>1/30/01-Glass letter to Conway</td>
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<td>1/31/2001</td>
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<td>4.25</td>
<td>Revision #2 to the ISM AB Manual</td>
<td>10/30/2000</td>
<td>1/30/2000</td>
<td>10/31/00-Glass Letter to Conway 01/31/01—Glass Letter to Conway</td>
<td>•10/10—Corresponds to 5.3.1.6 &amp; 5.3.3 •9/11—Request for action was unsatisfied •10/15—Draft delivered to AAO for review •10/20—Parke MDU did not complete their internal review and incorporate comments received. Expect to be complete after 60 days •11/15—Obtain Memo to Palpitos regarding missed commitment. Requiring personal attention to ensure all included commitments are delivered in time to allow for adequate review, comment, and approval •11/20—AEO comments were provided to Parke MDU and requested that the draft be written to reflect the intent of the AE. The new draft is anticipated to be delivered by December 2000 •12/15—Final draft is expected to be delivered by 12/12/00. •9/9—AEO has reviewed the revision and is reviewing the document. Review anticipated to be complete by 12/10. •10/20—Final document completed. All comments resolved. Final being forwarded to AL for distribution to the Board. •11/1/00—Deferred to DHFS</td>
<td>Delivered</td>
<td>Don Brunell, OASO</td>
<td>1/31/2001</td>
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<tr>
<td>4.3.01</td>
<td>DOE-Approved BIO Module/TSR for Fire Protection and DOE-Approved Implementation Plan for Fire Protection Controls</td>
<td>10/30/2000</td>
<td>6/30/2001</td>
<td>10/31/00—Glass Letter to Conway 01/30/01—Glass Letter to Conway 02/25/01—Glass Letter to Conway 06/29/01—Glass Letter to Conway</td>
<td>•10/3000—New action 4/25/00—Draft Fire PIO/TSR delivered to AAO for review. AAO returned with comments. Several resolution meetings have occurred to resolve the comments. Parke MDU is expected to be completed by 09/29. 04/00—Implementation plan submitted by Parke MDU to AAO for review. 05/14—AEO returned implementation plan to Parke MDU with comments. 05/29—AEO stated that the Fire PIO is not ready for submission due to technical issues associated with the sanitary and zone coverage of the UV detectors. The complete deliverable is expected within 30 days. 11/14—Review time will be required to address the UV technical issue prior to releasing the approved Fire PIO. •1/13/00—Email request for status •1/17—AEO is receiving SRs based on the numerous comments received during their review. •3/18—Letter to Board to provide a copy of the documents. •2/22—The final SR is in the AAO Manager’s office for signature. It is expected to be signed &amp; provided to ALP/PO for distribution to the Board by 2/20. •3/29—The BIO Module and TSR were delivered. The implementation plan will follow. 4/30—Fire PIO/TSR Implementation Plan approved with conditions. •2/16—Letter received from DHFS approving the with Fire PIO. 4/20/01—Department delivers Fire PIO implementation plan. Department is receiving concerns during the technical briefing is scheduled.</td>
<td>Delivered</td>
<td>Don Brunell, OASO</td>
<td>6/2/2001</td>
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<tr>
<td>4.3.05</td>
<td>Additional DOE-Approved TSR controls derived from the NES master Studies</td>
<td>11/30/2000</td>
<td>2/28/2001</td>
<td>11/30/00—Glass Letter to Conway 01/31/01—Glass Letter to Conway 02/28/01—Glass Letter to Conway</td>
<td>•10/1000—New action •10/30—Email request for status •11/5/00—AEO meeting with the Parke MDU responsible organization to discuss the MDU’s failure to respond to AAO’s rejection of the last submission. A letter to the MDU will follow. •12/15/00—Looks like that the next draft will be into AAO in early January. •1/5— The next draft is behind schedule. Do not anticipate receipt until February 2001. •2/28—Provided status within the January letter to the Board •2/2001—AEO is completing their internal process actions and expect to deliver the final product to ALP/PO by 2/20. •2/20—The final commitment was provided to the Board.</td>
<td>Delivered</td>
<td>Don Brunell, OASO</td>
<td>2/28/2001</td>
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Last Updated: 10/17/2002
<table>
<thead>
<tr>
<th>Deliverable No.</th>
<th>Deliverable</th>
<th>Deliverable Due Date</th>
<th>Deliverable Actual Date</th>
<th>Associated DOE Correspondence to the Board</th>
<th>Remarks</th>
<th>Status Open Pending Delivered</th>
<th>POC for Responsibility</th>
<th>Status Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.3.07</td>
<td>Plan for Transportation Carts</td>
<td>10/30/2000</td>
<td>10/30/2000</td>
<td>01/31/00-Glass Letter to Conway</td>
<td>04/20/01-Gioconda Letter to Conway</td>
<td>08/01/01-Baek Letter to Conway</td>
<td>Delivered</td>
<td>Don Brenell, OASO</td>
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<tr>
<td>4.3.08</td>
<td>PDS for 12-44 Fire Protection Upgrade</td>
<td>12/30/2000</td>
<td>12/21/00</td>
<td>01/31/00-Glass Letter to Conway</td>
<td>01/31/00-Baek Letter to Conway</td>
<td>01/31/00-Baek Letter to Conway</td>
<td>Delivered</td>
<td>John Guelker, OASO</td>
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<tr>
<td>4.3.10</td>
<td>Conceptual Design for Fire Detection and Suppression Systems Upgrades</td>
<td>4/3/00</td>
<td>4/3/00</td>
<td>06/15/01-Baek Letter to Conway</td>
<td>06/15/01-Baek Letter to Conway</td>
<td>06/15/01-Baek Letter to Conway</td>
<td>Intent has been met</td>
<td>Jeff Underwood, NNSA</td>
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<tr>
<td>4.3.11</td>
<td>ESAAB Authorization for Title 1</td>
<td>06/30/01</td>
<td>06/15/01</td>
<td>07/31/00-New Action</td>
<td>07/31/00-New Action</td>
<td>07/31/00-New Action</td>
<td>Intent has been met</td>
<td>Jeff Underwood, NNSA</td>
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<tr>
<td>4.4.1</td>
<td>DOE Orders 452.1A, 452.2A and DOE-STO-3015 Proposed Revisions Developed &amp; Submitted for formal review process</td>
<td>8/30/2000</td>
<td>8/30/2000</td>
<td>07/31/00-New Action</td>
<td>07/31/00-New Action</td>
<td>07/31/00-New Action</td>
<td>Delivered</td>
<td>Ed Cassity, NA-12</td>
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<td>Deliverable No.</td>
<td>Deliverable</td>
<td>Deliverable Due Date</td>
<td>Deliverable Actual Date</td>
<td>Associated DOE Correspondence to the Board</td>
<td>Remarks</td>
<td>Status Open Pending Delivered</td>
<td>POC for Responsibility</td>
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<td>4.4.2</td>
<td>DOE Orders 452.1A, 452.2A and DOE-STD-3015 Formal Review Process &amp; Publication</td>
<td>11/30/2000</td>
<td>11/30/00—Glass Letter to Conway</td>
<td>02/22/01—Beck Letter to Conway</td>
<td>03/23/01—Beck Letter to Conway</td>
<td>17/1/00—Carried forward 5.4.2 &amp; 5.5.1</td>
<td>Delivered Ed Cassidy, NA-12</td>
<td>8/6/2001</td>
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<td>10/7/00—Email request for status:</td>
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<td>10/7/00—Email response from Herma Fiechtermann indicates that the orders and standards are still in formal review and comment period and this will be extended. DP-21 is rescheduling for a 12/31/00 publication date.</td>
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<td>11/2/00—A status was provided by DP-21 indicating expected release for publication by 12/30/00.</td>
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<td>13/5/00—DOE 452.1A and 2A and Standard DOE-STD-3015-Y1 are scheduled to be published by 11/30/00 based on Dec. 31, 2000 leaving any obstacles encountered by Revcom system (i.e., comment resolution) or the publication process. Working with Mr. Beck to verify any obstacles before they are encountered.</td>
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<td>1/6/01—Letters received that 452.18 was signed out by OP-20 to MA for publication.</td>
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<td>2/5/01—Both 452.18 and 452.26 have been provided to MA for publication. STO-3015 has 174 comments that are in process of being resolved.</td>
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<td>2/22/01—OP-20 provided a response to the Board indicating publication of the Standard by April and publication of the orders by May.</td>
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<td>6/29/01—Status to Board provided regarding delay in publication in August 2001.</td>
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<td>7/19/01—Internal e-mail received indicating that administrative issues have been resolved and report is to be published in June and July.</td>
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<td>8/12/01—Orders published on the web.</td>
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<td>4.4.3</td>
<td>Revisions to corresponding AL Supplemental Directives 452.1 and 452.2 to align with published changes to DOE Orders 452.1A and 452.2A and DOE-STD-3015; Request Impact Analysis and Provide DOE-Approved Implementation Plan.</td>
<td>2/28/2001</td>
<td>11/30/01—Glass Letter to Conway</td>
<td>11/30/01—Glass Letter to Conway</td>
<td>4/30/02—Beck Letter to Conway</td>
<td>2/28/01—Carried forward 5.4.2 &amp; 5.5.1</td>
<td>Delivered Steve Goodrum, OWPM</td>
<td>11/30/2001</td>
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<td>11/14/00—Time to complete may slip as a result of the slip on 4.4.2</td>
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<td>13/6/01—Time is process is going to publish the 452 directives 2001-2002</td>
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<td>12/20/01—Draft changes to the two directives are in process using the final draft orders being prepared for publication.</td>
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<td>2/22/01—Final comments are in process of being received and reviewed. As a result of comment resolution, it is expected that the final draft will be ready for publication despite the lack of final publication of the 452 orders as required by 4.4.2. The two directives cannot be published until the orders have been published.</td>
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<td>2/25/01—A status of this commitment was provided to the Board. DOE-STD-3015 was published in February.</td>
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<td>3/25/01—The status of this commitment remains unchanged. AL intends to publish 4S0-50 days after the 452 orders are published.</td>
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<td>4/20/01—AL intends to publish 4S0-50 days after the 452 orders are published.</td>
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<td>5/28/01—AL intends to publish 452-50 days after the 452 orders are published.</td>
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<td>6/15/01—AL intends to publish 452-50 days after the 452 orders are published.</td>
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<td>7/15/01—AL intends to publish 452-50 days after the 452 orders are published.</td>
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<td>8/15/01—AL intends to publish 452-50 days after the 452 orders are published.</td>
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<td>9/15/01—AL intends to publish 452-50 days after the 452 orders are published.</td>
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<td>10/15/01—AL intends to publish 452-50 days after the 452 orders are published.</td>
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<td>11/15/01—Both AL SDs approved for publication and impact analysis requested.</td>
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<td>12/15/01—Impact analysis submitted to AAO 12/24/01 and approved by AAO on 1/8/02. PX Implementation Plan due by 2/28/02.</td>
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</tbody>
</table>

Total Open or Pending: 8
Total Delivered or Intent met by other means: 18
Total No. of Commitments: 26

Last Updated: 10/17/2002