



Department of Energy
National Nuclear Security Administration
Production Office

P.O. Box 2050
Oak Ridge, TN 37831

P.O. Box 30030
Amarillo, TX 79120



SEP 15 2016

The Honorable Joyce L. Connery
Chairman
Defense Nuclear Facilities Safety Board
625 Indiana Avenue, NW, Suite 700
Washington, DC 20004

Dear Madam Chairman:

Enclosed are the deliverables for the first quarter milestones plus an Executive Summary on the status of the Department of Energy's (DOE) Implementation Plan (IP) responding to the Defense Nuclear Facilities Safety Board (DNFSB) Recommendation 2015-1, *Emergency Preparedness and Response at the Pantex Plant*. As expected, the IP is serving as a catalyst for improvement. The most significant accomplishment in the first quarter was the issuance of the Emergency Planning Hazards Survey and Emergency Planning Hazards Assessment. These documents represent the first approved technical basis since 2008 and will serve as a foundation for further improvement. Also during this quarter was the initial deployment of the Emergency Management Information System, EMInS, an effective, automated tool for communicating emergency-related information. Several other improvements have occurred, to include staff augmentation with much needed skills and expertise and implementation of enhanced program processes.

Notwithstanding this progress, the program requires further improvement. Our emphasis remains on being self-critical and considering how to sustain program performance beyond the timeframe of the IP. In the execution of the IP, to include an emergency management exercise on August 24, 2016, that you observed, we have identified many opportunities for improvements. These needed improvements are briefly discussed in the enclosed Executive Summary that explains the various IP deliverables that comprise this first report.

We look forward to continued positive interactions with you and your staff. If you have any questions, please contact me (865) 576-0752.

Sincerely,



Geoffrey L. Beausoleil
Manager

Document/Matter Transmitted Contains
Unclassified Controlled Nuclear
Information. When separated from
enclosures, this transmittal document is
Unclassified.

DNF SAFETY BOARD

2016 SEP 16 PM 3:51

RECEIVED

UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION

SEP 15 2016

The Honorable Joyce L. Connery

- 2 -

Enclosures:

1. (OUO) Executive Summary
2. (OUO) Milestone 6.1.1 – Staffing Study, Emergency Management Position Descriptions and Job Requirements
3. (OUO) Milestone 6.1.2 and 6.1.3 – Updated 5-Year (2016-2020) Exercise Schedule
4. (UCNI) Milestone 6.1.3 – Contractor Assessment Report
5. Milestone 6.1.4 – Published Drill and Exercise Hot Wash Checklist
6. Milestone 6.1.4 – Revised Process Documents/Package NPO
7. Milestone 6.1.4 – Revised Documents – Survey Guide NPO
8. Milestone 6.1.4 – Revised Process Documents/Package – System Oversight Guide NPO
9. (OUO) Milestone 6.1.4 Evolution – Critical Criteria NPO
10. (OUO) Milestone 6.3.1, 6.3.2 and 6.3.3 – Memo to Emergency Management Department Manager on Recommendations (EALs and Protective Actions)
11. Milestone 6.3.4 – Emergency Planning Hazard Survey, Emergency Planning Hazards Assessment, and Emergency Action Levels
12. (UCNI) Milestone 6.3.4 – Revised Hazards Assessment
13. (UCNI) Milestone 6.3.4 – Approval Letters of EPHS/EPHA from NPO
14. CD Containing Above-Mentioned Deliverables

cc w/Enclosures:

J. Olencz, AU

cc w/o Enclosures:

T. Robbins, NPO-01

A. Guevara, NPO-20

P. Walsh, NPO-20

J. Coleman, NPO-20

R. Barnes, NPO-20

UNCLASSIFIED

Defense Nuclear Facilities Safety Board
Implementation Plan Milestones

Classification of Documents

Executive Summary	OUO
Milestone 6.1.1 – Staffing Study, Emergency Management Position Descriptions and Job Requirements	OUO
Milestone 6.1.2 and 6.1.3 – Updated 5-Year (2016-2020) Exercise Schedule	OUO
Milestone 6.1.3 – Contractor Assessment Report	UCNI
Milestone 6.1.4 – Published Drill and Exercise Hot Wash Checklist	Unclassified
Milestone 6.1.4 – NPO Evaluate Oversight Process and Oversight Planning Process	Unclassified
Milestone 6.1.4 – NPO 3.4.1.1 Oversight Process	Unclassified
Milestone 6.1.4 – NPO-20 Survey & Self-Assessment Guide	Unclassified
Milestone 6.1.4 – NPO Evolution – Critical Criteria	OUO
Milestone 6.3.1, 6.3.2 and 6.3.3 – Memo to Emergency Management Department Manager on Recommendations (EALs and Protective Actions)	OUO
Milestone 6.3.4 – Emergency Planning Hazard Survey, Emergency Planning Hazards Assessment, and Emergency Action Levels	Unclassified
Milestone 6.3.4 – Revised Hazards Assessment	UCNI
Milestone 6.3.4 – Approval Letters of EPHS/EPHA from NPO	UCNI