



**Defense Nuclear Facilities
Safety Board**

Washington, DC 20004-2901

**Office of the
Inspector General**

March 13, 2018

MEMORANDUM TO: Glenn Sklar
General Manager

Chris Roscetti
Deputy General Manager

FROM: Dr. Brett M. Baker */RA/*
Assistant Inspector General for Audits

SUBJECT: STATUS OF RECOMMENDATIONS: AUDIT OF THE
BOARD'S OVERSIGHT OF NUCLEAR FACILITY DESIGN
AND CONSTRUCTION PROJECTS (DNFSB-16-A-06)

REFERENCE: GENERAL MANAGER MEMORANDUM DATED
FEBRUARY 28, 2018

Attached is the Office of the Inspector General's (OIG) analysis and status of recommendations as discussed in the Board's response dated February 28, 2018. Based on this response and supporting documentation, recommendations 2 through 4 are now closed and recommendations 1 and 5 were previously closed. All recommendations related to this report are now closed.

If you have any questions or concerns, please contact me at (301) 415-5915 or Sherri Miotla, Team Leader, at (301) 415-5914.

Attachment: As stated

cc: R. Howard, OGM

Audit Report

AUDIT OF THE DNFSB'S OVERSIGHT OF NUCLEAR FACILITY DESIGN AND CONSTRUCTION PROJECTS

DNFSB-16-A-06

Status of Recommendations

Recommendation 2: Develop and implement design and construction oversight guidance including work practice review guides for construction disciplines.

Agency Response Dated
February 28, 2018:

The Office of the Technical Director (OTD) staff developed WP-525.1-1, *Review Guidance for Design and Construction Projects*, which describes the recommended review content for design and construction reviews from pre-conceptual design to facility commissioning. This Work Practice also contains guidance on the prioritization of reviews based on Board Policy Statement 6, *Policy Statement on Oversight of Design and Construction of Defense Nuclear Facilities*. The Work Practice was signed by the Technical Director on September 22, 2017, and has been posted to the directives site of the DNFSB intranet. Technical staff members were trained on the Work Practice on September 15, 2017.

To support the Work Practice, OTD management approved four review guides to provide more detailed guidance on the oversight of the design and construction projects.

G-525.1-1, *Review Guide for Design and Construction Subject Areas*.

G-526.1-1, *Reviewing Quality Assurance Programs*.

G-526.1-2, *Reviewing Software Quality Assurance Programs*.

G-527.1-1, *Guidance for Reviewing Fire Protection Programs, Systems, and Design*.

OIG Analysis: OIG reviewed the Work Practice, WP-525.1-1, review guides, and training slides, and determined that DNFSB has developed and implemented oversight guidance for design and construction reviews. Therefore, this recommendation is now closed.

Status: Closed.

Audit Report

AUDIT OF THE DNFSB'S OVERSIGHT OF NUCLEAR FACILITY DESIGN AND CONSTRUCTION PROJECTS

DNFSB-16-A-06

Status of Recommendations

Recommendation 3: Revise current Issue and Commitment Tracking System (IACTS) guidance to address how it is to be used to inform design and construction oversight activities.

Agency Response Dated
February 28, 2018:

On February 21, 2018, the Technical Director issued Technical Director's Standing Order 18-02 – *Dispositioning Safety Items and Commitments* (posted on the DNFSB Standing Order intranet page). This Standing Order outlines the processes for retaining safety information identified during reviews and tracking internal and external commitments. Specifically, this Standing Order defines separate database lists for various types of information (Staff Safety Items, Board-level Commitments, and Potential Future Reviews). Having this information in separate lists with appropriate required fields allows for higher-priority and Board-level items to get the attention that they need while still allowing the staff to retain important information for future use.

In addition, the Standing Order defines the required fields for IACTS entries. The absence of required fields in IACTS was previously identified as a weakness in OIG Audit 16-A-06.

OIG Analysis: OIG reviewed Standing Order 18-02, *Dispositioning Safety Items and Commitments*, and determined it addresses how IACTS should be used to inform design and construction oversight activities. Therefore, this recommendation is now closed.

Status: Closed.

Audit Report

AUDIT OF THE DNFSB'S OVERSIGHT OF NUCLEAR FACILITY DESIGN AND CONSTRUCTION PROJECTS

DNFSB-16-A-06

Status of Recommendations

Recommendation 4: Develop and implement a formal design and construction oversight training program.

Agency Response Dated
February 28, 2018:

OTD staff developed I-570.1, *Technical Staff Training*, which describes the Technical Staff Training Program. The Instruction was signed by the Technical Director on September 22, 2017, and is posted on the directives site of the DNFSB intranet. Technical staff members were trained on the Instruction on September 15, 2017.

To support the Instruction, OTD staff developed WP-570.2-01, *Level 1 Training* and WP-570.2-02, *Level 2 Training*. These documents describe the training needed for a new staff member to participate as a member of a DNFSB review team (Level 1) and the training and qualification required for a staff member to lead a review team for design and construction projects (Level 2). The Technical Director signed WP-570.2-01 on December 15, 2017, and WP-570.2-02 on February 21, 2018, and both are posted to the DNFSB Directives intranet site.

OIG Analysis:

OIG reviewed Instruction, I-570.1, *Technical Staff Training*, and the Work Practices, WP-570.2-01 and WP-570.2-02, that support the Instruction and determined DNFSB has developed and implemented a formal design and construction oversight training program. Therefore, this recommendation is now closed.

Status:

Closed.