



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

OFFICE OF THE  
INSPECTOR GENERAL

January 9, 2009

MEMORANDUM TO: R. William Borchardt  
Executive Director for Operations

FROM: Stephen D. Dingbaum */RA/*  
Assistant Inspector General for Audits

SUBJECT: STATUS OF RECOMMENDATIONS: REVIEW OF NRC'S  
BASELINE SECURITY AND SAFEGUARDS INSPECTION  
PROGRAM (OIG-06-A-21)

REFERENCE: DIRECTOR, OFFICE OF NUCLEAR SECURITY AND  
INCIDENT RESPONSE, MEMORANDUM DATED  
DECEMBER 22, 2008

Attached is the Office of the Inspector General's (OIG) analysis of recommendations 1, 4, 6, and 7 as discussed in the agency's response dated December 22, 2008. Based on this response, 1 and 7 are closed, and recommendations 4 and 6 remain in resolved status. Recommendations 2, 3, 5, and 8 were previously closed. Please provide an update on the resolved recommendations by March 27, 2009.

If you have any questions or concerns, please call me at 415-5915 or Beth Serepca, Team Leader, at 415-5911.

Attachment: As stated

cc: V. Ordaz, OEDO  
J. Arlidsen, OEDO  
P. Shea, OEDO

## Audit Report

### AUDIT OF NRC'S BASELINE SECURITY AND SAFEGUARDS INSPECTION PROGRAM

OIG-06-A-21

#### Status of Recommendations

Recommendation 1: Provide the required initial and refresher security training courses for regional security inspectors at the frequency needed to support qualification requirements.

Response Dated  
December 22, 2008:

In a memorandum dated January 25, 2007, "Status of Recommendations 1 and 4, Related to the Audit of NRC's Baseline Security and Safeguards Inspection Program (OIG-06-A-21)" you were provided the specific Office of Nuclear Security and Incident Response (NSIR) staff plan and schedule for improving and providing initial and refresher security training for security inspectors. NSIR staff, the Office of Human Resources Training and Development (HRTD) staff, and the Regions have made the following progress and completed Phase one:

- A new course S-503 *Advanced Intrusion Detection Systems (IDS) Field Course* was identified as required to enhance the overall curriculum. This course was developed with Sandia National Laboratory in 2007, and piloted in July 2007. The course was determined by participants to be a good product that would satisfy inspector needs. Enhancements based on insights gained in the pilot have been made by HRTD. This course is listed in the NRC course catalog.
- The enabling objectives, curriculum outlines, and presentations for the modules S-301 *Security Fundamentals Course* were developed and the course was piloted the weeks of September 22 and September 29, 2008. The course was determined by participants to be a good product that would satisfy inspector needs. Enhancements based on insights gained in the pilot have been made by HRTD. This course is listed in the NRC course catalog.
- The *Reactor Systems & Security Course* R105 was developed in 2007 and piloted in June 2007 and June 2008. The course was determined by participants to be a

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#### Status of Recommendations

good product that would satisfy inspector needs. Enhancements based on insights gained in the pilots are being made by HRTD. This course is listed in the NRC course catalog.

- The S-101 *Introduction to Physical Security Systems and Principles Course* has been developed, presented, and is listed in the NRC course catalog.
- An annual S-402 *Security Refresher Course* was conducted in November 2006, and November 2007. This course is listed in the NRC course catalog.

Staff from NSIR, HRTD, and the Regions made the following progress and completed Phase two:

- The S-502 *Explosives Blast Effects and Breaching Course* has been developed and was piloted the week of August 11, 2008. The course was determined by participants to be a good product that would satisfy inspector needs. Enhancements based on insights gained in the pilot have been made by HRTD. This course is listed in the NRC course catalog.
- The S-501 *Weapons and Tactics Fundamentals Field Course* has been developed and the first pilot was conducted the week of July 28, 2008. The course was determined by participants to be a good product that would satisfy inspector needs. Enhancements based on insights gained in the pilot have been made by HRTD. This course is listed in the NRC course catalog.
- The enabling objectives and curriculum outlines for the *Access Authorization and Fitness for Duty Course* were developed and is scheduled to be piloted the week of December 15, 2008. Initial feedback from participants was overall positive, provided valuable insights for moving forward, and outlined an acceptable approach for each audience (i.e., seasoned inspectors, new inspectors, headquarters personnel, etc.). HRTD staff plan to incorporate this training into the *Security Fundamentals Course* which is listed in the NRC course catalog.

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#### Status of Recommendations

- The security curriculum course development was completed in calendar year 2008.

The staff will continue to monitor the training and qualification program. Based on actions taken and planned above, the staff believes that recommendation 1 should be closed.

OIG Analysis:

OIG reviewed the iLearn system and determined that the courses meet the intent of the recommendation. This recommendation is therefore considered closed.

**Status:**

Closed.

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### AUDIT OF NRC'S BASELINE SECURITY AND SAFEGUARDS INSPECTION PROGRAM

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#### Status of Recommendations

Recommendation 4: Update the security inspector training program to ensure course material is current and relevant.

Response Dated  
December 22, 2008:

Revisions of the training requirements have been made in Inspection Manual Chapter 1245, Appendix C4, "Safeguards Inspector Technical Proficiency Training and Qualification Journal," and NSIR Office Procedure ADM-109, "Training, Development and Qualification Programs" have been developed and are out for review, and publication is anticipated in the first quarter of calendar year (CY) 2009 to coincide with the beginning of the annual training cycle. Based on actions taken and planned above, the staff believes that recommendation 4 should be closed.

OIG Analysis:

The described actions address the intent of the OIG's recommendation. This recommendation will be closed when the OIG verifies that the updated the security inspector training guidance has been published and taken effect.

**Status:**

Resolved.

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### AUDIT OF NRC'S BASELINE SECURITY AND SAFEGUARDS INSPECTION PROGRAM

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#### Status of Recommendations

Recommendation 6: Include guidance in the baseline security and safeguards inspection procedures to ensure inspectors review an adequate number of sample items to assess the effectiveness of the licensee's security program.

Response Dated  
December 22, 2008: The baseline inspection procedures and guidance have been developed and updated, and publication is anticipated in the first quarter of CY 2009 to coincide with the beginning of the annual inspection cycle. Based on actions taken and planned above, the staff believes that recommendation 6 should be closed.

OIG Analysis: The described actions address the intent of the recommendation. This recommendation will be closed when the revised baseline inspection procedures are published and OIG verifies that they contain guidance regarding the inspection sampling process.

**Status:** Resolved.

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### AUDIT OF NRC'S BASELINE SECURITY AND SAFEGUARDS INSPECTION PROGRAM

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#### Status of Recommendations

Recommendation 7: Implement training on how to select an adequate number of sample items.

Response Dated  
December 22, 2008: The S-301 *Security Fundamentals Course*, provided a standardized methodology in determining sampling techniques. This methodology was presented at the recent *Security Fundamentals Course* in September 2008. Based on actions taken above, the staff believes that recommendation 7 should be closed.

OIG Analysis: OIG verified that the course was held in September 2008 and determined that training was provided on selection of sample items. This recommendation is therefore considered closed.

**Status:** Closed.