



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

**OFFICE OF THE
INSPECTOR GENERAL**

November 13, 2017

MEMORANDUM TO: Victor M. McCree
Executive Director for Operations

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

SUBJECT: STATUS OF RECOMMENDATIONS: AUDIT OF NRC'S
SAFEGUARDS INFORMATION LOCAL AREA NETWORK
AND ELECTRONIC SAFE (OIG-13-A-16)

REFERENCE: CHIEF INFORMATION OFFICER MEMORANDUM DATED
OCTOBER 23, 2017

Attached is the Office of the Inspector General's (OIG) analysis and status of recommendations 2, 3, 4, 6, and 7 as discussed in the agency's response dated October 23, 2017. Based on this response, recommendations 3 and 7 remain in resolved status and recommendations 2, 4 and 6 are closed. Recommendations 1 and 5 were closed previously. Please provide an updated status of the resolved recommendations by October 29, 2018.

If you have any questions or concerns, please call me at (301) 415-5915 or Beth Serepca, Team Leader, at (301) 415-5911.

Attachment: As stated

cc: R. Lewis OEDO
H. Rasouli, OEDO
J. Jolicoeur, OEDO
J. Bowen, OEDO
EDO_ACS Distribution

Audit Report

AUDIT OF NRC'S SAFEGUARDS INFORMATION LOCAL AREA NETWORK AND ELECTRONIC SAFE

OIG-13-A-16

Status of Recommendations

Recommendation 2: Establish a formal workflow process, similar to that used for the Agencywide Documents Access and Management System, to communicate the status of SLES (E-Safe) file uploads to SGI owners.

Agency Response Dated
October 23, 2017:

The OCIO has implemented a Standard Operating Procedure (SOP) for Processing Safeguards Information (SGI) in the Safeguards Information Local Area Network and Electronic Safe System (SLES). This procedure describes the workflow process for uploading the new SGI documents into SLES and communicating the status of uploads to the document owners.

This SOP is located in the Agencywide Documents Access and Management System (ADAMS).

OIG Analysis:

OIG reviewed the SOP and determined that it establishes a formal workflow process to communicate the status of SLES (E-Safe) file uploads to SGI owners. This recommendation is therefore considered closed.

Status:

Closed.

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OIG-13-A-16

Status of Recommendations

Recommendation 3: Evaluate and update the current folder structure to meet user needs.

Agency Response Dated
October 23, 2017:

Due to competing priorities of the SLES modernization project, the OCIO requests extending the target completion date for recommendation 3 to September 30, 2018.

The OCIO has started an extensive upgrade of the end-of-life SLES hardware and software infrastructure in February 2017. The hardware upgrade was completed in August 2017. The software upgrade is tentatively planned to be completed by March 2018.

The software and hardware upgrades that are part of the modernization effort will provide some new features and enhanced user experience. The OCIO plans to collect user feedback, including folder structure requirements, after the SLES modernization has been completed. At that time, the SLES resources will be available to evaluate and update the E-Safe folder structure to meet user needs.

This task will involve working with several program offices and regional users. Each folder is used by different user groups. Consensus with different user groups must be reached before the folder structure can be changed.

Revised Target Completion Date: September 30, 2018

OIG Analysis:

The proposed action meets the intent of the recommendation. This recommendation will be closed when OIG is provided with documentation verifying that the current folder structure has been evaluated and updated to meet user needs.

Status:

Resolved.

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OIG-13-A-16

Status of Recommendations

Recommendation 4: Publish a folder guide to help users identify where SGI is stored within SLES.

Agency Response Dated
October 23, 2017:

The SLES E-Safe folder structure has been published in the SLES User Manual, pages 57 – 64. The SLES User Manual is electronically available to users on their desktop in SLES. The hard copies of the SLES User Manual are also located at the SLES kiosks.

The current folder structure of the E-Safe document repository is available for browsing to the SLES users. The SLES users can request an addition of a folder to the E-Safe folder structure by submitting a request using the NRC Form 774.

Status: Completed.

OIG Analysis: OIG reviewed the SLES User Manual and determined that there is a folder guide to help users identify where SGI is stored. This recommendation is therefore considered closed.

Status: Closed.

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Status of Recommendations

Recommendation 6: Develop and implement a change control process to routinely evaluate and implement any changes to SLES. Include members from the technical (OIS) and policy (NSIR) sides of SLES, as well as a representative from a Regional office, and gather user concerns from the SLES community.

Agency Response Dated
October 23, 2017:

The OCIO has implemented a change control process and established the SLES Configuration Control Board (CCB) to routinely evaluate and implement any changes to the SLES configuration items. Please see the enclosed documents for additional information:

- SLES Configuration Management Plan.
- SLES CCB Charter.

OIG Analysis:

OIG reviewed the SLES Configuration Management Plan and the CCB Charter and determined that (1) members of the CCB are from both the technical and policy aspects of SLES, and (2) the CCB would routinely evaluate and implement any changes to SLES. This recommendation is therefore considered closed.

Status:

Closed.

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Status of Recommendations

Recommendation 7: Develop a structured access process that is consistent with the SGI need-to-know requirement and least privilege principle. This should include:

- Establishing folder owners within SLES and providing the owners the authority to approve the need-to-know authorization (as opposed to branch chiefs).
- Conducting periodic reviews of user access to folders.
- Developing a standard process to grant user access.

Agency Response Dated
October 23, 2017:

Due to competing priorities of the SLES modernization project, the OCIO requests extending the target completion date for recommendation 7 to September 30, 2018.

The OCIO and the Office of Nuclear Security and Incident Response are currently developing a process for structured access to the SGI documents in SLES that is consistent with the SGI need-to-know requirement and least privilege principle. The OCIO is also evaluating a proposition for managing document security at a document level in addition to a folder level security.

This process will be finalized after the SLES modernization project has been completed (tentatively scheduled to be completed in March 2018). The software and hardware upgrades that are part of the modernization effort will provide some new features and enhance user experience. The OCIO plans to collect user feedback, including folder ownership requirements, after the SLES modernization has been completed.

Currently SLES resources are being used to modernize the system. Once the SLES modernization project is completed, the SLES resources will be available to implement the requirements for the remaining open recommendations 3 and 7. Successful completion of recommendation 7 will depend on completion of recommendation 3.

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**AUDIT OF NRC'S SAFEGUARDS INFORMATION LOCAL
AREA NETWORK AND ELECTRONIC SAFE**

OIG-13-A-16

Status of Recommendations

Recommendation 7 (cont.):

Revised Target Completion Date: September 30, 2018

OIG Analysis:

The proposed action meets the intent of the recommendation. This recommendation will be closed when OIG evaluates the structured access process and determines (1) it is consistent with the SGI need-to-know requirement and least privilege principle, and (2) it addresses the three sub-bullets noted in the recommendation.

Status:

Resolved.