



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

**OFFICE OF THE
INSPECTOR GENERAL**

November 14, 2011

MEMORANDUM TO: R. William Borchardt
Executive Director for Operations

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

SUBJECT: STATUS OF RECOMMENDATIONS: AUDIT OF NRC'S
SAPHIRE 8 SYSTEM (OIG-11-A-18)

REFERENCE: DEPUTY EXECUTIVE DIRECTOR FOR MATERIALS,
WASTE, RESEARCH, STATE, TRIBAL, AND
COMPLIANCE PROGRAMS MEMORANDUM DATED
OCTOBER 19, 2011 (ML112660327)

Attached is the Office of the Inspector General's (OIG) analysis and status of recommendations 1, 2, and 3 as discussed in the agency's response dated October 19, 2011. Based on this response, recommendations 1, 2, and 3 are resolved. Please provide an update on all recommendations by January 17, 2012.

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: N. Mamish, OEDO
J. Arildsen, OEDO
K. Brock, OEDO
C. Jaegers, OEDO

Audit Report

AUDIT OF NRC'S SAPHIRE 8 SYSTEM

OIG-11-A-18

Status of Recommendations

Recommendation 1: Formalize a policy on granting access to SAPHIRE 8.

Agency Response

Dated October 19, 2011: Agree. The staff will continue to follow the applicable policy for granting access to SAPHIRE 8 as described in SECY-11-0010 *Process for Sharing Computer Safety Codes Developed by the U.S. Nuclear Regulatory Commission with Foreign Counterparts*. In addition, the staff is evaluating the need to formalize procedures for granting and managing access to SAPHIRE 8 that will augment the existing guidance.

Target Completion Date: The staff intends to complete this evaluation and issue more formal guidance for distribution of SAPHIRE 8 (if needed) by December 31, 2011.

OIG Analysis: The proposed corrective action meets the intent of the recommendation. This recommendation will be closed when OIG receives verification that additional guidance has been implemented.

Status: Resolved.

Audit Report

AUDIT OF NRC'S SAPHIRE 8 SYSTEM

OIG-11-A-18

Status of Recommendations

- Recommendation 2: Develop and implement SAPHIRE Web site procedures to:
- Check and verify continued need for user access.
 - Deactivate unnecessary user accounts.

Agency Response

Dated October 19, 2011: Agree. This recommendation will be addressed through a contracting action with the Idaho National Laboratory (INL), the contractor that maintains the SAPHIRE Web site. The contractor will develop a plan to improve the security controls for the SAPHIRE Web site. The staff will review and approve this plan before it is implemented by the contractor. The staff will ensure that the plan includes the development and implementation of procedures to address this recommendation.

Target Completion Date: March 31, 2012.

OIG Analysis: The proposed corrective action meets the intent of the recommendation. This recommendation will be closed when OIG receives verification that the additional procedures have been implemented.

Status: Resolved.

Audit Report

AUDIT OF NRC'S SAPHIRE 8 SYSTEM

OIG-11-A-18

Status of Recommendations

Recommendation 3: Develop and implement an automated system to deactivate SAPHIRE Web site user accounts that have not been used in a defined time period (e.g., 6 months).

Agency Response
Dated October 19, 2011: Agree. This recommendation will be addressed through a contracting action with the INL. As discussed in the response to Recommendation 2, the contractor will develop a plan to improve the security controls for the SAPHIRE Web site. The staff will review and approve this plan before it is implemented by the contractor. The staff will ensure that the plan includes the development and implementation of an automated system as described in this recommendation.

Target Completion Date: March 31, 2012.

OIG Analysis: The proposed corrective action meets the intent of the recommendation. This recommendation will be closed when OIG receives verification that the additional procedures have been implemented.

Status: Resolved.