



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

**OFFICE OF THE  
INSPECTOR GENERAL**

April 12, 2012

**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:** DIRECTOR, OFFICE OF NUCLEAR REGULATORY  
RESEARCH, MEMORANDUM DATED APRIL 4, 2012

Attached is the Office of the Inspector General's (OIG) analysis and status of recommendations 2 and 3 as discussed in the agency's response dated April 4, 2012. Based on this response, recommendations 2 and 3 are closed. Recommendation 1 was closed previously. All recommendations related to this report are now closed.

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  
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## 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  
April 4, 2012:

As discussed in the status update to Recommendation 2, INL has implemented a process to ensure that group account expiration dates are only extended after individual members have been verified for continued access. Individual users will be examined annually to determine if access is still required. The group representative will be responsible for determining if users should have continued access. INL will deactivate individual users as directed and then extend the group account expiration date. If the annual user review process is not completed and the NRC project manager (or applicable group administrator for other groups) does not give authorization to extend the expiration date, the group will be automatically disabled when the expiration date is reached.

In addition to the process described above, the SAPHIRE Web site now requires the use of a work-related e-mail address as a username, and it applies a maximum lifetime restriction to user passwords. These controls effectively act as an automated system to deactivate SAPHIRE Web site user accounts that have not been used in a defined time period. If a user attempts to access the site with a password older than the maximum lifetime, the user will be required to update the password before gaining access. The new password is communicated to the user by e-mail. If the user no longer has access to the e-mail account (e.g., the user is no longer employed by the organization), the user will be unable to receive a new password.

Target Completion Date: The staff considers the actions in response to this recommendation to be complete.

**Audit Report**

**AUDIT OF NRC'S SAPHIRE 8 SYSTEM**

**OIG-11-A-18**

**Status of Recommendations**

Recommendation 3 (continued):

OIG Analysis:

OIG reviewed the ADAMS documents, the SAPHIRE Web site, and the implemented procedures and determined that accounts no longer needing SAPHIRE access will be deactivated after a defined time period. This recommendation is therefore considered closed.

**Status:**

Closed.

**Document Location:** G:\AUDIT\11-A-18 SAPHIRE 8 System\Followup\oig response to agency response dated 040412.docx

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