



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

OFFICE OF THE  
INSPECTOR GENERAL

November 25, 2009

MEMORANDUM TO: R. William Borchardt  
Executive Director for Operations

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

SUBJECT: STATUS OF RECOMMENDATIONS: INFORMATION  
SYSTEM SECURITY EVALUATION OF REGION IV –  
ARLINGTON, TX (OIG-09-A-14)

REFERENCE: DEPUTY EXECUTIVE DIRECTOR FOR REACTORS AND  
PREPAREDNESS PROGRAMS, OFFICE OF THE  
EXECUTIVE DIRECTOR FOR OPERATIONS,  
MEMORANDUM DATED OCTOBER 28, 2009

Attached is the Office of the Inspector General's analysis and status of recommendations 1, 2, 3, 4, 5, and 6 discussed in the agency's response dated October 28, 2009. Based on this response, all recommendations are resolved. Please provide an updated status of the resolved recommendations by March 31, 2010.

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. Andersen, OEDO  
J. Arlidsen, OEDO  
C. Jaegers, OEDO

## Audit Report

### INFORMATION SYSTEM SECURITY EVALUATION OF REGION IV – ARLINGTON, TX

OIG-09-A-14

#### Status of Recommendations

Recommendation 1: Develop and implement procedures for sending information system backup information to an offsite location for storage for at least 14 days or as recommended by the agency. The offsite storage location should be in a cabinet or safe that is waterproof and fireproof.

Agency Response Dated  
October 28, 2009:

Agree. As of June 29, 2009, Region IV, working with Region II IT staff, has implemented corrective actions to store Region IV's backup tapes in their facility. Additionally, Region IV IT staff has written a Statement of Work to award a contract for offsite data storage services. The award date of the contract is January 1, 2010.

Expected Completion: Completed.

OIG Analysis:

The corrective action addresses the intent of this recommendation. While the tapes are now being stored offsite, OIG cannot close this recommendation until OIG receives documentation that the statement of work has been awarded and off site storage is completed.

**Status:**

Resolved.

## Audit Report

### INFORMATION SYSTEM SECURITY EVALUATION OF REGION IV – ARLINGTON, TX

OIG-09-A-14

#### Status of Recommendations

Recommendation 2: Develop and document a contingency plan for the Region IV seat-managed infrastructure servers.

Agency Response Dated  
October 28, 2009:

Agree. Region IV will work with the Office of Information Services (OIS) to update the agency's contingency plan and develop any regional procedures needed to ensure recovery and sustainment of seat managed infrastructure servers following an emergency or system disruption.

Expected Completion: August 4, 2010.

OIG Analysis:

The corrective action addresses the intent of this recommendation. This recommendation will be closed when NRC develops and documents a contingency plan for the Region IV seat-managed infrastructure servers.

**Status:**

Resolved.

## Audit Report

### INFORMATION SYSTEM SECURITY EVALUATION OF REGION IV – ARLINGTON, TX

OIG-09-A-14

#### Status of Recommendations

Recommendation 3: Develop and document a contingency plan for the Region IV NRC-managed servers.

Agency Response Dated  
October 28, 2009:

Agree. Region IV will work with the Office of Information Services (OIS) to update the agency's contingency plan and develop any regional procedures needed to ensure recovery and sustainment of NRC-managed infrastructure servers following an emergency or system disruption.

Expected Completion: August 4, 2010.

OIG Analysis:

The corrective action addresses the intent of this recommendation. This recommendation will be closed when OIG verifies that the agency has updated the contingency plan, and implemented any regional procedures needed to ensure recovery and sustainment of NRC-managed infrastructure servers following an emergency or system disruption.

**Status:**

Resolved.

## Audit Report

### INFORMATION SYSTEM SECURITY EVALUATION OF REGION IV – ARLINGTON, TX

OIG-09-A-14

#### Status of Recommendations

Recommendation 4: Develop and document a contingency plan for the Region IV badge access system server.

Agency Response Dated  
October 28, 2009:

Agree. Region IV does have a contingency plan for the badge access system server; however, we agree the current plan should be enhanced to reflect the specific names of personnel assigned to perform the data backup/restoral function.

Expected Completion: January 1, 2010.

OIG Analysis:

The corrective action addresses the intent of this recommendation. This recommendation will be closed when OIG verifies that the agency has enhanced its contingency plan to reflect position names responsible for data backup/restoral function for the badge access system.

**Status:**

Resolved.

## Audit Report

### INFORMATION SYSTEM SECURITY EVALUATION OF REGION IV – ARLINGTON, TX

OIG-09-A-14

#### Status of Recommendations

Recommendation 5: Evaluate the vulnerabilities identified by the network vulnerability assessment and develop a plan and schedule to identify any false positives and to resolve the remaining vulnerabilities.

Agency Response Dated  
October 28, 2009:

Agree. Region IV will evaluate the vulnerabilities identified by the network vulnerability assessment and work with the Office of Information Services (OIS) and the Computer Security Office (CSO) to develop a plan and work to identify any false positives. Any remaining vulnerabilities will be resolved.

Expected Completion: August 4, 2010.

OIG Analysis:

The corrective action addresses the intent of this recommendation. This recommendation will be closed when OIG verifies that the agency has evaluated and identified the vulnerabilities and also developed and implemented a plan to identify any false positives and resolve any remaining vulnerabilities.

**Status:**

Resolved.

## Audit Report

### INFORMATION SYSTEM SECURITY EVALUATION OF REGION IV – ARLINGTON, TX

OIG-09-A-14

#### Status of Recommendations

Recommendation 6: Perform a network vulnerability scan following remediation to verify all have been resolved.

Agency Response Dated  
October 28, 2009:

Agree. Region IV will work with OIS to conduct network vulnerability scans to correct/remediate any vulnerabilities.

Expected Completion: August 4, 2010.

OIG Analysis:

The corrective action addresses the intent of this recommendation. This recommendation will be closed when OIG verifies that the agency has performed a network vulnerability scan and all vulnerabilities have been resolved.

**Status:**

Resolved.