



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

**OFFICE OF THE
INSPECTOR GENERAL**

February 9, 2018

MEMORANDUM TO: Victor M. McCree
Executive Director for Operations

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

SUBJECT: STATUS OF RECOMMENDATIONS: THE OFFICE OF
THE INSPECTOR GENERAL'S AUDIT REPORT OF THE
NUCLEAR REGULATORY COMMISSION'S ADOPTION OF
CLOUD COMPUTING (OIG-17-A-16)

REFERENCE: CHIEF INFORMATION OFFICER MEMORANDUM DATED
JANUARY 25, 2018

Attached is the Office of the Inspector General's (OIG) analysis and status of recommendations as discussed in the agency's response dated January 25, 2018. Based on this response recommendations 1 and 2 are closed. All recommendations related to this report are now closed.

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
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Audit Report

THE OFFICE OF THE INSPECTOR GENERAL'S AUDIT REPORT OF THE NUCLEAR REGULATORY COMMISSION'S ADOPTION OF CLOUD COMPUTING

OIG-17-A-16

Status of Recommendations

Recommendation 1: Develop guidelines for new IT cloud service contracts to include the following:

- a. use of thorough project planning to include cost estimates and budgeting,
- b. monitoring cost to sustain delivery of services,
- c. access to active and archived data, and
- d. exit strategies.

Agency Response Dated

January 25, 2018: The Office of the Chief Information Officer (OCIO) has reviewed and enhanced the agency's strategies and guidelines and has updated the following documents to better address the recommendation: The NRC Cloud Computing Strategy and the Planning and Preparation Approach for Acquisition of Public Cloud Services. The approach to assess costs is also enforced in a recent update of the Capital Planning and Investment Control process guidance as a principle for any IT investment.

Target Completion Date: Completed

OIG Analysis: OIG reviewed the agency identified documents and determined that updated guidelines for new IT cloud service contracts to address project planning, cost estimates and budgeting; cost monitoring; access to active and archived data; and contract exit strategies were developed. This recommendation is therefore considered closed.

Status: Closed.

Audit Report

THE OFFICE OF THE INSPECTOR GENERAL'S AUDIT REPORT OF THE NUCLEAR REGULATORY COMMISSION'S ADOPTION OF CLOUD COMPUTING

OIG-17-A-16

Status of Recommendations

Recommendation 2: Train NRC contracting and IT staff for new models of IT services

Agency Response Dated

January 25, 2018: OCIO has identified online cloud computing overview training (An Introduction to Basic Cloud Concepts) that is available in the NRC's learning management system and has deemed it sufficient to provide the required awareness of new models of IT services. All IT Contracting Officers Representatives (CORs) and Project Managers (PMs) in OCIO have been assigned this training as mandatory for completion by 3/30/2018. (The training will be expanded to remaining IT staff by FY 2018 Q3). Additionally, a resource document has been developed to provide supplementary guidance and information about external knowledge resources to benefit CORs and PMs who are planning or leading a cloud computing project.

Target Completion Date: Completed

OIG Analysis: OIG reviewed the agency identified documents and determined that OCIO demonstrated expanded training to contracting and IT staff who support enterprise-wide cloud service contracts. This recommendation is therefore considered closed.

Status: Closed.