



MEMORANDUM

DATE: July 8, 2024

TO: Raymond V. Furstenau
Acting Executive Director for Operations

FROM: Hruta Virkar, CPA /*RA*/
Assistant Inspector General for Audits & Evaluations

SUBJECT: STATUS OF RECOMMENDATIONS: AUDIT OF THE U.S. NUCLEAR REGULATORY COMMISSION'S IMPLEMENTATION OF THE FEDERAL INFORMATION SECURITY MODERNIZATION ACT OF 2014 FOR FISCAL YEAR 2023 (OIG-23-A-10)

REFERENCE: CHIEF INFORMATION OFFICER, OFFICE OF THE CHIEF INFORMATION OFFICER, MEMORANDUM DATED JUNE 6, 2024

Attached is the Office of the Inspector General's (OIG) analysis and status of recommendation as discussed in the agency's response dated June 6, 2024. Recommendations 1 and 3 remains open and resolved. Recommendation 2 was previously closed. Please provide an updated status of the open, resolved recommendation by December 13, 2024.

If you have any questions or concerns, please call me at 301.415.1982 or Mike Blair, Team Leader, at 301.415.8399.

Attachment:
As stated

cc: J. Martin, Acting ADO
M. Meyer, DADO
J. Jolicoeur, OEDO
OIG Liaison Resource
EDO ACS Distribution

Audit Report
AUDIT OF THE U.S. NUCLEAR REGULATORY COMMISSION'S
IMPLEMENTATION OF THE FEDERAL INFORMATION SECURITY
MODERNIZATION ACT OF 2014 FOR FISCAL YEAR 2023
Status of Recommendations
(OIG-23-A-10)

Recommendation 1: We recommend that U.S. Nuclear Regulatory Commission (NRC) management reviews all Information Technology Infrastructure (ITI) plans of action and milestones (POA&Ms) to ensure that they are accurate and contain detailed information on the status of corrective actions, including changes to scheduled completion dates.

Agency Response
Dated June 6, 2024: NRC management will review all ITI POA&Ms to ensure that they are accurate and contain detailed information on the status of corrective actions, including changes to scheduled completion dates. The NRC recommends a target completion date of the second quarter (Q2) of fiscal year (FY) 2025.

Target Completion Date: FY 2025, Q2

OIG Analysis: The OIG will close the recommendation when it verifies that NRC management reviews all ITI POA&Ms to ensure they are accurate and contain detailed information on the status of corrective actions, including changes to scheduled completion dates. This recommendation remains open and resolved.

Status: Open: Resolved.

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Recommendation 3: We recommend that NRC management increases the current Security Information and Event Management (SIEM) tool licensing level and acquires funding to adequately support the procurement, onboarding, and implementation of requirements across all Event Logging (EL) maturity tiers to ensure events are logged and tracked in accordance with Office of Management and Budget (OMB) M-21-31.

Agency Response
Dated June 6, 2024:

The NRC has increased the SIEM tool licensing level and acquired funding to adequately support procurement and onboarding. The NRC plans to implement all requirements across EL maturity tiers EL1 (Basic), EL2 (Intermediate), and EL3 (Advanced) to ensure events are logged and tracked in accordance with OMBM- 21-31, "Improving the Federal Government's Investigative and Remediation Capabilities Related to Cybersecurity Incidents," dated August 27, 2021, by the fourth quarter (Q4) of FY 2025. The NRC is taking a phased approach to meeting the requirements of OMB M-21-31. The EL1 logging level is scheduled to be completed by 7/31/24. The EL2 logging level is scheduled to be completed by 3/31/25. The EL3 logging level is scheduled to be completed by 8/01/25.

Target Completion Date: FY 2025, Q4

OIG Analysis: The OIG will close the recommendation when it verifies that the NRC management increases the current SIEM tool licensing level and acquires funding to adequately support the procurement, onboarding, and implementation of requirements across all EL maturity tiers to ensure events are logged and tracked in accordance with OMB M-21-31. This recommendation remains open and resolved.

Status: Open: Resolved.