January 13, 2021

MEMORANDUM TO: Margaret M. Doane
                   Executive Director for Operations

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

SUBJECT: STATUS OF RECOMMENDATIONS: AUDIT OF NRC'S
                   CYBER SECURITY INSPECTIONS AT NUCLEAR POWER
                   PLANTS (OIG-19-A-13)

REFERENCE: DIRECTOR, OFFICE OF NUCLEAR SECURITY AND
                   INCIDENT RESPONSE, MEMORANDUM DATED
                   DECEMBER 22, 2020

Attached is the Office of the Inspector General's (OIG) analysis and status of
recommendations as discussed in the agency's response dated December 22, 2020.
Based on this response, recommendation 2 remains open and resolved.
Recommendation 1 was previously closed. Please provide an updated status of
recommendation 2 by September 3, 2021.

If you have questions or concerns, please call me at (301) 415-5915, or Paul Rades,
Team Leader, at (301) 415-6228.

Attachment: As stated

cc: C. Haney, OEDO
       S. Miotla, OEDO
       J. Jolicoeur, OEDO
       S. Mroz, OEDO
       RidsEdoMailCenter Resource
       OIG Liaison Resource
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Audit Report

AUDIT OF NRC'S CYBER SECURITY INSPECTIONS AT NUCLEAR POWER PLANTS

OIG-19-A-13

Status of Recommendations

Recommendation 2:   Use the results of operating experience and discussions with industry to develop and implement suitable cyber security performance measure(s) (e.g. testing, analysis of logs, etc.) by which licensees can demonstrate sustained program effectiveness.

Agency Response Dated
December 22, 2020:   The staff agrees with the recommendation and is addressing it as part of the staff's power reactor cyber security action plan.

In July 2019, the staff completed an assessment of the Power Reactor Cyber Security Program. In its assessment, the staff considered feedback and lessons learned from industry and other stakeholders regarding the cyber security rule, associated guidance, licensees' implementation of their cyber programs, and ongoing NRC inspections of cyber security program full implementation (Milestone 8). In October 2019, staff finalized the power reactor cyber security action plan to move forward with appropriate program enhancements based on the assessment. This action plan includes guidance updates, development of cyber security performance measures, and a new inspection procedure (IP) for cyber inspections beyond Milestone 8 implementation.

The NRC staff is developing the new IP in parallel with completing the Milestone 8 inspections, ten of which have been delayed as a result of the COVID-19 public health emergency. Staff anticipates completing all Milestone 8 inspections by June 2021. The new IP will support a more performance-based inspection program and incorporate options for performance metrics and performance testing by licensees. Staff anticipates finalizing the new IP in July 2021, following completion of the Milestone 8 inspections.

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Status of Recommendations

Recommendation 2 (cont.):

Target date for completion: Issuance of the new cyber IP - July 30, 2021.

Point of Contact: Kim Holloway, NSIR/DPCP
(301) 415-0286

OIG Analysis: The actions proposed by the agency meet the intent of the recommendation. OIG will close this recommendation after verifying that NRC, through efforts to update the cyber security oversight program following the assessment, has developed and implemented suitable cyber security performance measure(s).

Status: Open: Resolved.