



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

May 16, 2021

MEMORANDUM TO: Dr. Brett M. Baker  
Assistant Inspector General for Audits  
Office of the Inspector General

A handwritten signature in cursive script that reads "Andrea Veil".

Signed by Veil, Andrea  
on 05/16/21

FROM: Andrea D. Veil, Director  
Office of Nuclear Reactor Regulation

SUBJECT: FINAL CLOSURE OF ACTIONS TO ADDRESS THE OFFICE OF  
THE INSPECTOR GENERAL'S AUDIT RECOMMENDATIONS  
ON THE U.S. NUCLEAR REGULATORY COMMISSION'S  
OVERSIGHT OF SPENT FUEL POOLS (OIG-15-A-06)

The U.S. Nuclear Regulatory Commission (NRC) staff received the Office of the Inspector General (OIG) report OIG-15-A-06, "Audit of NRC's Oversight of Spent Fuel Pools," dated February 10, 2015. In a memorandum dated March 18, 2015 (Agencywide Documents Access and Management System Accession No. ML15056A651), the staff described specific actions that the NRC will take to address the four recommendations in OIG-15-A-06. The staff previously closed Recommendations 2, 3, and 4. The attached Enclosure updates the status of Recommendation 1. The staff has completed the final action necessary to close Recommendation 1. Therefore, the staff requests Recommendation 1 be closed.

Enclosure:  
April 2021 Update on Actions To  
Address the Office of the Inspector  
General's Spent Fuel Pool Audit  
Recommendations (OIG-15-A-06)

cc: Chairman Hanson  
Commissioner Baran  
Commissioner Caputo  
Commissioner Wright  
SECY

CONTACT: Kent A. Wood, NRR/DSS  
301-415-4120

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INSPECTOR GENERAL'S AUDIT RECOMMENDATIONS ON THE U.S. NUCLEAR  
REGULATORY COMMISSION'S OVERSIGHT OF SPENT FUEL POOLS  
(OIG-15-A-06) DATED: May 16, 2021

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**ADAMS Accession No.:** ML21113A085

NRR-106

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<b>DATE</b>	4/26/2021	4/28/2021	4/29/2021
<b>OFFICE</b>	NRR/D		
<b>NAME</b>	AVeil		
<b>DATE</b>	5/16/2021		

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**APRIL 2021 UPDATE ON ACTIONS TO ADDRESS**  
**THE OFFICE OF THE INSPECTOR GENERAL'S SPENT FUEL POOL AUDIT**  
**RECOMMENDATIONS (OIG-15-A-06)**

**Recommendation 1**

Provide a generic regulatory solution for spent fuel pool criticality analysis by developing and issuing detailed licensee guidance along with NRC internal procedures.

**Planned Action:**

Upon a satisfactory conclusion to the U.S. Nuclear Regulatory Commission's (NRC) review of Nuclear Energy Institute report (NEI) 12-16, incorporate this detailed guidance into NRC internal processes through a regulatory guide (RG).

**April 2021 Status Update:**

Regulatory Guide 1.240, "Fresh and Spent Fuel Pool Criticality Analyses," which endorses NEI 12-16, Revision 4, "Guidance for Performing Criticality Analyses of Fuel Storage at Light-Water Reactor Power Plants," dated September 26, 2019, (Agencywide Documents Access and Management System Accession No. ML19269E056) with appropriate limitations and conditions, was published in the Federal Register on March 10, 2021. See link <https://www.federalregister.gov/documents/2021/03/10/2021-04955/fresh-and-spent-fuel-pool-criticality-analyses>.

Publishing RG 1.240 was the final action needed to complete OIG-15-A-06 Recommendation 1. Therefore, the staff requests Recommendation 1 be closed.

To optimize resources and avoid duplicate work, the SRP update planned for this activity was moved to NRR's SRP Modernization Effort. Reference the February 10, 2021, update, (ADAMS ML21041A578).

CONTACT: Kent A. Wood, NRR/DSS