

July 26, 2017

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

FROM: Brian E. Holian, Acting Director */RA/ (BMcDermott for)*
Office of Nuclear Reactor Regulation

SUBJECT: UPDATES ON 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 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. The staff responded in a memorandum dated March 18, 2015 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15056A651) that describes specific actions the U.S. Nuclear Regulatory Commission will take to address the four recommendations in OIG-15-A-06. The enclosure to this memorandum provides a status update on the staff's actions to address Recommendation 1 and Recommendation 3. The staff closed out Recommendations 2 and 4 in an update memorandum dated March 24, 2016 (ADAMS Accession No. ML16062A077).

Enclosure:
July 2017 Update on Actions to Address
OIG SFP Audit Recommendations
(OIG-15-A-06)

cc: Chairman Svinicki
Commissioner Baran
Commissioner Burns
SECY

CONTACT: Scott T. Krepel, NRR/DSS
301-302-0399

SUBJECT: UPDATES ON 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) Dated July 26, 2017

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| DATE | 7/20/2017 | 7/26/2017 | | |

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JULY 2017 UPDATE ON ACTIONS TO ADDRESS
THE OFFICE OF THE INSPECTOR GENERAL'S SPENT FUEL POOL AUDIT
RECOMMENDATIONS (OIG-15-A-06)

Recommendation 1

Planned Action:

Upon a satisfactory conclusion to the U.S. Nuclear Regulatory Commission's (NRC's) review of Nuclear Energy Institute report (NEI) 12-16, incorporate this detailed guidance into NRC internal processes through a regulatory guide (RG) and through revisions to NUREG-0800, "Standard Review Plan for the Review of Safety Analysis Reports for Nuclear Power Plants."

July 2017 Status Update:

The staff held public meetings in October 2016 to resolve several outstanding technical issues associated with draft Revision 2 of the NEI's report, NEI 12-16, "Guidance for Performing Criticality Analyses of Fuel Storage at Light Water Reactor Power Plants." NEI has informed the staff that they expect to finalize NEI 12-16, Revision 2 by summer of 2017. Given industry's schedule, staff is planning to issue the draft RG for public comment in 2018 and publish the final RG in early 2019.

CONTACT: Amrit D. Patel, NRR/DSS
301-415-5893

Recommendation 3

Planned Action:

Use the generic letter process to collect information and determine what regulatory actions are necessary to ensure compliance with NRC requirements regarding monitoring of neutron-absorbing materials in spent fuel pools, then initiate the appropriate regulatory actions.

July 2017 status update:

On April 7, 2016, the agency issued the generic letter (GL) requesting information on monitoring of neutron-absorbing materials in spent fuel pools (ADAMS Accession No. ML16097A169). All licensees have submitted responses to the generic letter. The NRC staff has completed their preliminary evaluation of licensee responses, closed out the GL for 28 sites (51 units), and plans to issue follow-up requests for additional information. The staff expects to evaluate all responses, close out the GL for all licensees, and initiate any subsequent, appropriate regulatory actions by May 2018.

CONTACT: Scott T. Krepel, NRR/DSS
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ENCLOSURE