



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE RD. SUITE 210
LISLE, IL 60532-4352

December 21, 2016

Mr. Daniel G. Stoddard
Senior Vice President and Chief Nuclear Officer
Innsbrook Technical Center
5000 Dominion Boulevard
Glen Allen, VA 23060-6711

**SUBJECT: KEWAUNEE POWER STATION MASTER INSPECTION PLAN
CALENDAR YEAR 2017**

Dear Mr. Stoddard:

In accordance with Inspection Manual Chapter (IMC) 2561, "Decommissioning Power Reactor Inspection Program," and IMC 2690, "Inspection Program for Dry Cask Storage of Spent Reactor Fuel at Independent Spent Fuel Storage Installations and for Title 10 of the *Code of Federal Regulations* (CFR) Part 71 Transportation Packagings," the NRC Region III staff developed a Master Inspection Plan (MIP) for the Kewaunee Power Station for calendar year 2017. The inspection plan is based on your current performance in executing the site decommissioning and Independent Spent Fuel Storage Installation (ISFSI) projects and your planned decommissioning and dry cask loading activities for the site in January through December 2017. The plan outlines how we intend to focus our regional inspection resources to provide oversight of decommissioning and dry cask loading activities.

The MIP is based, in part, on your proposed schedule of decommissioning and dry cask loading activities for calendar year 2017. As a result, the plan and the focus of inspection activities may change to reflect changes in your activities or performance. To ensure that this MIP remains current, we request that you keep the NRC Region III Materials Control, ISFSI, and Decommissioning Branch (MCID) staff informed of any significant changes in your proposed schedule of decommissioning and dry cask loading activities. You will be informed of any significant changes to our plans for inspections at the Kewaunee site.

Since the site initiated a transition to SAFSTOR in 2013, and those activities are expected to continue into 2017, the NRC regional office intends to perform inspections appropriate for a site in SAFSTOR. Since dry cask loading activities are expected to continue in 2017, the MIP also reflects our inspection scope for preoperational testing of an ISFSI and initial loading.

The following is a list of the routine inspection procedures we expect to use during our inspections. The procedures used during each inspection will depend on the specific activities being conducted at the site. Additional discretionary inspection procedures may be used if decommissioning or ISFSI activities warrant.

<u>Inspection Procedure</u>	<u>Title</u>
IP 36801	Organization, Management and Cost Controls
IP 37801	Safety Reviews, Design Changes, and Modifications
IP 40801	Self-Assessment, Auditing, and Corrective Action
IP 60801	Spent Fuel Pool Safety
IP 71801	Decommissioning Performance and Status Review
IP 83750	Occupational Radiation Exposure
IP 84750	Radioactive Waste Treatment, and Effluent and Environmental Monitoring
IP 86750	Solid Radioactive Waste Management and Transportation of Radioactive Materials
IP 60854	Preoperational Testing of an ISFSI
IP 60855	Operation of an ISFSI

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's Web site at <http://www.nrc.gov/reading-rm/adams.html>.

We will gladly discuss any questions you may have regarding this MIP. If you have questions, please feel free to contact the following members of my staff: Rhex Edwards at 630-829-9722 or Eugenio Bonano (Security) at 630-829-9826.

Sincerely,

/RA/

Michael A. Kunowski, Chief
Materials Control, ISFSI, and
Decommissioning Branch
Division of Nuclear Materials Safety

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D. Stoddard

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Letter to Mr. Daniel G. Stoddard from Michael A. Kunowski, dated December 21, 2016

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CALENDAR YEAR 2017.

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