



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

August 17, 2015

Mr. Scott L. Batson
Site Vice President, Oconee Nuclear Station
Duke Energy
ONO1VP / 7800 Rochester Hwy
Seneca, SC 29672

SUBJECT: OCONEE NUCLEAR STATION, UNITS 1, 2, AND 3 –
ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT
IMPACT RELATED TO ISSUANCE OF EXEMPTION TO ALLOW
STORAGE OF FIVE DRY SHIELDED CANISTERS IN STANDARDIZED
NUHOMS® SYSTEMS (TAC NO. L24946)

Dear Mr. Batson:

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact related to your application for an exemption dated August 28, 2014, supplemented December 8, 2014, with respect to Transnuclear, Inc. (TN) Standardized NUHOMS® Storage System 24PHB dry storage casks. The proposed action would allow storage of five (5) dry shielded canisters (DSCs) where the seal weld helium leak check was performed using an incorrect temperature correction coefficient at the Oconee Nuclear Station Independent Spent Fuel Storage Installation (ISFSI). This would be permitted under exemptions from the following requirements of Title 10 of the *Code of Federal Regulations*, Part 72, sections:

- 10 CFR 72.212(a)(2), which states that “This general license is limited to storage of spent fuel in casks approved under the provisions of this part.”
- 10 CFR 72.212(b)(3), which states that “[t]he general licensee must [e]nsure that each cask used by the general licensee conforms to the terms, conditions, and specifications of a CoC or an amended CoC listed in § 72.214.”
- 10 CFR 72.212(b)(5)(i), which requires, in part, that, “[t]he cask, once loaded with spent fuel or once the changes authorized by an amended CoC have been applied, will conform to the terms, conditions, and specifications of a CoC or an amended CoC listed in § 72.214.”
- 10 CFR 72.212(b)(11), which states in part that “[t]he licensee shall comply with the terms, conditions, and specifications of the CoC and, for those casks to which the licensee has applied the changes of an amended CoC, the terms, conditions, and specifications of the amended CoC....”
- 10 CFR 72.214, which lists the approved spent fuel storage casks.

This assessment is being forwarded to the Office of the Federal Register for publication. If you have any questions, please contact me at (301) 287-9165.

Sincerely,

/RA/

John Vera, Project Manager
Spent Fuel Licensing Branch
Division of Spent Fuel Management
Office of Nuclear Material Safety
and Safeguards

Docket Nos. 72-1004, 72-40, 50-269,
50-270 and 50-287
TAC No. L24946

Enclosure: Environmental Assessment

cc w/encl: See attached list

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OFC:	SFM	OGC	SFM	SFM
NAME:	JVera	DLenehan	WWheatley	MSampson
DATE:	4/28/2015	8/13/2015	4/28/2015	8/17/15

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LETTER FOR OCONEE ENVIRONMENTAL ASSESSMENT

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