

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 72-16

VIRGINIA ELECTRIC AND POWER COMPANY

OLD DOMINION ELECTRIC COOPERATIVE

NOTICE OF ISSUANCE OF MATERIALS LICENSE SNM-2507

NORTH ANNA INDEPENDENT SPENT FUEL STORAGE INSTALLATION

The U.S. Nuclear Regulatory Commission (NRC or the Commission) has issued a Materials License under the provisions of Title 10 of the Code of Federal Regulations, Part 72 (10 CFR Part 72), to Virginia Electric and Power Company (Virginia Power) and Old Dominion Electric Cooperative (ODEC), authorizing receipt and storage of spent fuel in an independent spent fuel storage installation (ISFSI) located on site at its North Anna Power Station in Louisa County, Virginia.

The function of the ISFSI is to provide interim storage for up to 839.04 metric tons of uranium contained in approximately 1824 fuel assemblies from the North Anna Power Station, Units 1 and 2, in storage casks. Thirty two assemblies are to be loaded into each cask within the North Anna Power Station spent fuel enclosure at the plant and subsequently transferred to the onsite ISFSI. The cask that is authorized for use is the TN-32 designed by Transnuclear, Inc. The license for an ISFSI under 10 CFR Part 72 is issued for 20 years, but the licensee may seek to renew the license, if necessary, prior to its expiration.

The Commission's Office of Nuclear Material Safety and Safeguards (NMSS) has completed its environmental, safeguards, and safety reviews in support of issuance of this license.

Following receipt of the application filed May 9, 1995, a "Notice of Consideration of

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Issuance of Materials License for the Storage of Spent Fuel and Opportunity for Hearing” was published in the Federal Register on July 6, 1995 (60 FR 35237). The “Environmental Assessment (EA) Related to the Construction and Operation of the North Anna Independent Spent Fuel Storage Installation (dated March 28, 1997) and Finding of No Significant Impact,” was issued and noticed in the Federal Register (62 FR 16202) in accordance with 10 CFR Part 51. The scope of the EA included the construction and operation of an ISFSI on the North Anna Power Station site including impacts derived from use of the TN-32 cask.

The staff has completed its safety review of the North Anna ISFSI site application and safety analysis report. The NRC staff’s “Safety Evaluation Report for the North Anna Independent Spent Fuel Storage Installation” was issued on June³⁰, 1998. Materials License SNM-2507, the staff’s Environmental Assessment, Safety Evaluation Report, and other documents related to this action are available for public inspection and for copying for a fee at the NRC Public Document Room, the Gelman Building, 2120 L Street, NW., Washington, DC 20555, and at the local public document room at the Special Collections Department, Second Floor, Alderman Library, University of Virginia, Charlottesville, Virginia 22903-2498.

Dated at Rockville, Maryland, this 30th day of June 1998

FOR THE NUCLEAR REGULATORY COMMISSION

ORIGINAL SIGNED BY /s/

William F. Kane, Director
 Spent Fuel Project Office
 Office of Nuclear Material Safety
 and Safeguards

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