

Mr. James P. O'Hanlon
Senior Vice President - Nuclear
Virginia Electric and Power Company
Innsbrook Technical Center
5000 Dominion Boulevard
Glen Allen, VA 23060

June 30, 1998

See Rpt.

SUBJECT: ISSUANCE OF MATERIALS LICENSE SNM-2507 FOR THE NORTH ANNA
INDEPENDENT SPENT FUEL STORAGE INSTALLATION (TAC NO. L22113)

Dear Mr. O'Hanlon:

I am enclosing Materials License No. SNM-2507 issued pursuant to 10 CFR Part 72. Issuance of this license constitutes authorization for a 20-year term to receive, possess, store, and transfer North Anna Power Station spent fuel in an independent spent fuel storage installation to be located on the site of the North Anna Power Station in Louisa County, Virginia. All future communications regarding this license should refer to License No. SNM-2507, Docket No. 72-16.

The license contains conditions and technical specifications that have been discussed and reviewed with Mr. David Sommers of your staff.

In connection with the issuance of the license, we have issued an Environmental Assessment and Finding of No Significant Impact, which were transmitted to you by letter dated March 28, 1997. The staff's "Safety Evaluation Report for the North Anna Independent Spent Fuel Storage Installation" is enclosed. Also enclosed is a copy of the Notice of Issuance which has been transmitted to the Office of the Federal Register for publication.

If you have any questions regarding issuance of this license, please contact me or Joe Shea of my staff at (301) 415-1428.

Sincerely,

ORIGINAL SIGNED BY /s/
William F. Kane, Director
Spent Fuel Project Office
Office of Nuclear Material Safety
and Safeguards

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Dockets 72-16 (50-338/339)

Enclosures: 1. Materials License No. SNM-2507
2. Safety Evaluation Report
3. Federal Register Notice of Issuance

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Virginia Electric & Power Company
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cc:

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

VIRGINIA ELECTRIC AND POWER COMPANY
OLD DOMINION ELECTRIC COOPERATIVE
DOCKET NO. 72-16
NORTH ANNA INDEPENDENT SPENT FUEL STORAGE INSTALLATION
MATERIALS LICENSE NO. SNM-2507

1. The Nuclear Regulatory Commission (the Commission) has found that:

- A. The application filed by Virginia Electric and Power Company and Old Dominion Electric Cooperative (the applicants) for a materials license to receive, store, and transfer spent fuel from North Anna Power Station, Units 1 and 2, in an independent spent fuel storage installation (ISFSI) located at its North Anna Power Station site, meets standards and requirements of the Atomic Energy Act of 1954, as amended (Act), and the Commission's regulations set forth in 10 CFR Chapter I;
- B. The North Anna ISFSI will operate in conformity with the application, as amended, the provisions of the Act, and the rules and regulations of the Commission
- C. The proposed site complies with the criteria in Subpart E of 10 CFR Part 72;
- D. The proposed ISFSI will not pose an undue risk to the safe operation of the North Anna Power Station, Units 1 and 2;
- E. The applicant's proposed ISFSI design complies with the criteria in 10 CFR Part 72, Subpart F, with the exception of 10 CFR 72.124(b) for which an exemption is granted in the license;
- F. The applicant is qualified by reason of training and experience to conduct the operation covered by the regulation in 10 CFR Part 72;
- G. The applicant's proposed operating procedures to protect health and to minimize danger to life and property are adequate;
- H. The applicant is financially qualified to engage in the activities in accordance with the regulations in 10 CFR Part 72;
- I. The applicant's proposed Quality Assurance Program complies with the 10 CFR Part 72, Subpart G;
- J. The applicant's proposed physical protection provisions comply with 10 CFR Part 72, Subpart H;
- K. The applicant's proposed personnel training program complies with 10 CFR Part 72, Subpart I;

- L. The applicant's proposed decommissioning plan pursuant to 10 CFR 72.30 provides reasonable assurance that the decontamination and decommissioning of the North Anna ISFSI at the end of its useful life will provide adequate protection to the health and safety of the public;
- M. The applicant's proposed Emergency Plan complies with 10 CFR 72.32;
- N. The applicant has satisfied the applicable provisions of 10 CFR Part 170;
- O. There is reasonable assurance (1) that the activities authorized by this license can be conducted without endangering the health and safety of the public, and (2) that such activities will be conducted in compliance with the regulations of the Commission set forth in 10 CFR Chapter I; and
- P. The issuance of this license will not be inimical to the common defense and security or to the health and safety of the public.

2. Accordingly, based on the foregoing findings, Materials License SNM-2507 is hereby issued to the Virginia Electric and Power Company and the Old Dominion Electric Cooperative to read as follows: