

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

Dockets 72-16 (50-338/339)

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

NRC FILE CENTER COPY

cc: Service List

Distribution: (Control No. 010S) (020S) TACS L22113, L22627)

Dockets	NRC File Center	PUBLIC	NMSS r/f	RHaag, RII
SFPO r/f	VTharpe (6)	CHaughney	SShankman	PTKuo
SWhaley	WHodges	NKalyanam, NRR	WGloersen, RII	JZwolinski
EMcAlpine, RII	KCLeu	EKeegan	RChou, RII	JShea(2)
MRodgers				

NF07

* See Previous concurrence

OFC	SFPO	E	NF/R/PSGB	SFPO	OGC	SFPO	E	SFPO	SFPO	E
NAME	JShea:dd:vt		RMannilli *	EJLeeds	WRearner	FSuz		SShankman	Wkane	
DATE	1 / 98		6 / 23 / 98	6 / 30 / 98	6 / 30 / 98	6 / 30 / 98		6 / 30 / 98	6 / 30 / 98	

C = COVER E = COVER & ENCLOSURE N = NO COPY
 OFFICIAL RECORD COPY G:\NOF:TH_AMLICCVR.LTR

9807100119 980530
 PDR ADOCK 05000338
 P PDR

Virginia Electric & Power Company
72-2 (50-280/281)
72-16 (50-338/339)

cc:

Mr. J. Jeffrey Lunsford
County Administrator,
Louisa County
P.O. Box 160
Louisa, Virginia 23093

Michael W. Maupin, Esq.
Hunton and Williams
Riverfront Plaza, East Tower
951 E. Byrd Street
Richmond, Virginia 23219

Dr. W. T. Lough
Virginia State Corporation
Commission
Division of Energy Regulation
P.O. Box 1197
Richmond, Virginia 23209

Old Dominion Electric
Cooperative
4201 Dominion Boulevard
Glen Allen, Virginia 23060

J. H. McCarthy, Manager
Nuclear Licensing and Operations
Support
Virginia Electric and Power Company
Innsbrook Technical Center
5000 Dominion Boulevard
Glen Allen, Virginia 23060

Office of the Attorney General
Commonwealth of Virginia
900 East Main Street
Richmond, Virginia 23219

Senior Resident Inspector
North Anna Power Station
U.S. Nuclear Regulatory Commission
1024 Haley Drive
Mineral, Virginia 23117

Senior Resident Inspector
Surry Power Station
U.S. Nuclear Regulatory Commission
5850 Hog Island Road
Surry, Virginia 23883

Surry Power Station
North Anna Power Station
Units 1 & 2

Robert B. Strobe, M.D., M.P.H.
State Health Commissioner
Office of the Commissioner
Virginia Department of Health
P.O. Box 2448
Richmond, Virginia 23218

Regional Administrator,
Region II
U.S. Nuclear Regulatory Commission
Atlanta Federal Center
61 Forsyth St., SW, Suite 23T85
Atlanta, Georgia 30303

W. R. Matthews, Manager
North Anna Power Station
P.O. Box 402
Mineral, Virginia 23117

Mr. David Christian, Manager
Surry Power Station
Virginia Electric and Power Company
5570 Hog Island Road
Surry, Virginia 23883

Chairman
Board of Supervisors
of Surry County
Surry County Courthouse
Surry, Virginia 23683

Mr. R. C. Haag
U.S. Nuclear Regulatory Commission
Atlanta Federal Center
61 Forsyth St., SW, Suite 23T85
Atlanta, Georgia 30303



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: