

January 3, 2002

Mr. David A. Christian  
Sr. Vice President and  
Chief Nuclear Officer  
Virginia Electric and Power Company  
Innsbrook Technical Center  
5000 Dominion Blvd.  
Glen Allen, Virginia 23060-6711

SUBJECT: NORTH ANNA POWER STATION, UNIT 1 - ENVIRONMENTAL ASSESSMENT  
RE: PROPOSED OPERATING LICENSE AND TECHNICAL SPECIFICATIONS  
CHANGES TO DELETE OBSOLETE LICENSE CONDITIONS (MB0961)

Dear Mr. Christian:

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact related to your application to amend the North Anna Unit 1 Facility Operating License (FOL) and change the Technical Specifications (TS) in response to your application dated January 9, 2001. The proposed license amendment would revise the FOL and TS to remove obsolete license conditions, make editorial changes to the FOL, and implement associated changes to the TS.

The assessment is being forwarded to the Office of the Federal Register for publication.

Sincerely,

*/RA/*

Stephen R. Monarque, Project Manager, Section 1  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-338

Enclosure: Environmental Assessment

cc w/encl: See next page

Mr. David A. Christian  
Sr. Vice President and  
Chief Nuclear Officer  
Virginia Electric and Power Company  
Innsbrook Technical Center  
5000 Dominion Blvd.  
Glen Allen, Virginia 23060-6711

January 3, 2002

SUBJECT: NORTH ANNA POWER STATION, UNIT 1 - ENVIRONMENTAL ASSESSMENT  
RE: PROPOSED OPERATING LICENSE AND TECHNICAL SPECIFICATIONS  
CHANGES TO DELETE OBSOLETE LICENSE CONDITIONS (MB0961)

Dear Mr. Christian:

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact related to your application to amend the North Anna Unit 1 Facility Operating License (FOL) and change the Technical Specifications (TS) in response to your application dated January 9, 2001. The proposed license amendment would revise the FOL and TS to remove obsolete license conditions, make editorial changes to the FOL, and implement associated changes to the TS.

The assessment is being forwarded to the Office of the Federal Register for publication.

Sincerely,

*/RA/*

Stephen R. Monarque, Project Manager, Section 1  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-338

Enclosure: Environmental Assessment

cc w/encl: See next page

DISTRIBUTION:

PUBLIC	PDII-1 Reading
HBerkow	RLaufer
EDunnington	SMonarque
CCarpenter	OGC
ACRS	KLandis, RII

FILENAME - G:\PDII-1\NOANNA\MB0961Envrnmntl Assmnt.wpd ML020030312

OFFICE	PM:PDII/S1	LA:PDII/S2	(A)SC:PDII/S1	RGEB	OGC
NAME	SMonarque	Dunnington	RLaufer	AKugler for CCarpenter	DCummings
DATE	12/20/01	12/18/01	1/3/02	12/26/01	12/31/01
COPY	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No

OFFICIAL RECORD COPY

UNITED STATES NUCLEAR REGULATORY COMMISSION

VIRGINIA ELECTRIC AND POWER COMPANY

DOCKET NO. 50-338

NORTH ANNA POWER STATION, UNIT 1

ENVIRONMENTAL ASSESSMENT AND FINDING OF

NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (NRC) is considering issuance of an amendment to Facility Operating License (FOL) No. NPF-4, issued to Virginia Electric and Power Company (the licensee), for operation of the North Anna Power Station, Unit 1, located in Louisa County, Virginia. As required by 10 CFR 51.21, the NRC is issuing this environmental assessment and finding of no significant impact.

ENVIRONMENTAL ASSESSMENT

Identification of the Proposed Action:

The proposed action would revise the FOL and Technical Specifications (TS) to remove expired license conditions, make editorial changes, relocate license conditions, remove redundant license conditions that are covered elsewhere in the license, and remove license conditions and TS associated with completed modifications.

The proposed action is in accordance with the licensee's application dated January 9, 2001.

The Need for the Proposed Action:

The proposed action is needed because some requirements in the North Anna, Unit 1, FOL have become obsolete. In addition, the need for editorial changes has been identified.

Environmental Impacts of the Proposed Action:

The NRC has completed its evaluation of the proposed action and concludes that the proposed license amendment and associated changes to the TS are administrative in nature and have no effect on plant equipment or plant operation.

The proposed action will not significantly increase the probability or consequences of accidents, no changes are being made in the types of effluents that may be released off site, and there is no significant increase in occupational or public radiation exposure. Therefore, there are no significant radiological environmental impacts associated with the proposed action.

With regard to potential non-radiological impacts, the proposed action does not have a potential to affect any historic sites. It does not affect non-radiological plant effluents and has no other environmental impact. Therefore, there are no significant non-radiological environmental impacts associated with the proposed action.

Accordingly, the NRC concludes that there are no significant environmental impacts associated with the proposed action.

Environmental Impacts of the Alternatives to the Proposed Action:

As an alternative to the proposed action, the staff considered denial of the proposed action (i.e., the “no-action” alternative). Denial of the application would result in no change in current environmental impacts. The environmental impacts of the proposed action and the alternative action are similar.

Alternative Use of Resources:

The action does not involve the use of any different resource than those previously considered in the Final Environmental Statement for the North Anna Power Station, Unit 1, dated April 1973.

Agencies and Persons Consulted:

On December 20, 2001, the staff consulted with the Virginia State official, Mr. Les Foldesi of the Virginia Department of Health, Bureau of Radiological Health, regarding the environmental impact of the proposed action. The State official had no comments.

FINDING OF NO SIGNIFICANT IMPACT

On the basis of the environmental assessment, the NRC concludes that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the NRC has determined not to prepare an environmental impact statement for the proposed action.

For further details with respect to the proposed action, see the licensee's letter dated January 9, 2001. Documents may be examined, and/or copied for a fee, at the NRC's Public Document Room (PDR), located at One White Flint North, 11555 Rockville Pike (first floor), Rockville, Maryland. Publicly available records will be accessible electronically from the ADAMS Public Library component on the NRC Web site, <http://www.nrc.gov> (the Public Electronic Reading Room). Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS, should contact the NRC PDR Reference staff by telephone at 1-800-397-4209, or 301-415-4737, or by e-mail at [pdr@nrc.gov](mailto:pdr@nrc.gov).

Dated at Rockville, Maryland, this 3rd day of January 2002.

FOR THE NUCLEAR REGULATORY COMMISSION

***/RA/***

Stephen R. Monarque, Project Manager, Section 1  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Mr. David A. Christian  
Virginia Electric and Power Company

North Anna Power Station  
Units 1 and 2

cc:

Mr. C. Lee Lintecum  
County Administrator  
Louisa County  
P.O. Box 160  
Louisa, Virginia 23093

Mr. David A. Heacock  
Site Vice President  
North Anna Power Station  
P.O. Box 402  
Mineral, Virginia 23117-0402

Mr. Donald P. Irwin, Esquire  
Hunton and Williams  
Riverfront Plaza, East Tower  
951 E. Byrd Street  
Richmond, Virginia 23219

Mr. Richard H. Blount, II  
Site Vice President  
Surry Power Station  
Virginia Electric and Power Company  
5570 Hog Island Road  
Surry, Virginia 23883-0315

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

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

Old Dominion Electric Cooperative  
4201 Dominion Blvd.  
Glen Allen, Virginia 23060

Mr. William R. Matthews  
Vice President - Nuclear Operations  
Virginia Electric and Power Company  
Innsbrook Technical Center  
5000 Dominion Boulevard  
Glen Allen, Virginia 23060-6711

Mr. Stephen P. Sarver, Director  
Nuclear Licensing & Operations Support  
Virginia Electric and Power Company  
Innsbrook Technical Center  
5000 Dominion Blvd.  
Glen Allen, Virginia 23060-6711

Mr. Bill Hoffman (5 copies)  
Environmental Review Coordinator  
US EPA Region 3  
1650 Arch Street  
Philadelphia, Pennsylvania 19106-2029

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