

February 11, 2002

Mr. David A. Christian  
Senior Vice President and  
Chief Nuclear Officer  
Virginia Electric and Power Company  
Innsbrook Technical Center-2SW  
5000 Dominion Blvd.  
Glen Allen, Virginia 23060-6711

SUBJECT: NORTH ANNA POWER STATION, UNITS 1 AND 2: REQUEST FOR  
ADDITIONAL INFORMATION REGARDING SECTION 3.7.9 OF THE IMPROVED  
TECHNICAL SPECIFICATIONS (ITS) (TAC NOS. MB1451 AND MB1452)

Dear Mr. Christian:

The staff reviewed your application dated December 11, 2000, to change the format and content of the Current Technical Specifications to be consistent with NUREG-1431, "Standard Technical Specifications - Westinghouse Plants," Revision 1, and certain generic changes to the NUREG. On the basis of our review of the proposed changes for ITS Section 3.7.9, "Ultimate Heat Sink," we find that additional information identified in the paragraphs below is required in order for the staff to complete this review.

1) When the term "steam dump" is referred to in the submittal, does this refer to the use of the turbine bypass valves to route steam directly into the condenser? Describe the systems, sequence of events, success criteria, and automatic/manual operations required for short-term decay heat removal using the Decay Heat Release Valve (DHRV). After short-term heat removal has been accomplished using the DHRV, is long-term heat removal initiated in the same manner and under the same plant conditions as other short-term heat removal scenarios (i.e., condenser cooling using circulating water)? If DHRV cooling was incorporated into the probabilistic risk assessment (PRA), describe how the PRA would be modified to accurately model the scenario of events, plant states, and required supporting equipment. If the DHRV is not modeled in the PRA, but a reduction in the Risk Achievement Worth (RAW) for the North Anna Reservoir is estimated, describe how the magnitude of the anticipated reduction in the RAW was estimated.

2) How long can North Anna Power Station continue to operate at full power if the temperature of the North Anna reservoir exceeds 95 degrees or if the water level of the reservoir falls below 244 Mean Sea Level? If the plant cannot operate at full power under the above conditions, can it operate at reduced power and, if so, at what power level?

Mr. David A. Christian

-2-

Virginia Electric and Power Company is requested to provide a response to the staff's questions by February 19, 2002, to ensure the ITS amendment issuance date of April 1, 2002, can be achieved.

Sincerely,

*/RA/*

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

Docket Nos. 50-338 and 50-339

cc: See next page

Mr. David A. Christian

-2-

Virginia Electric and Power Company is requested to provide a response to the staff's questions by February 19, 2002, to ensure the ITS amendment issuance date of April 1, 2002, can be achieved.

Sincerely,

*/RA/*

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

Docket Nos. 50-338 and 50-339

cc: See next page

DISTRIBUTION:

PUBLIC	NLe	TMarsh	RLaufer
PDII-1 Rdg. (paper copy)	OGC	TLe	KLandis
ACRS	EDunnington (paper copy)	JGolla	
SMonarque	SDinsmore	MRubin	

Accession No. ML020420523

OFFICE	PM:PDII/S1	LA :PDII/S2	SC(A):PDII-1
NAME	SMonarque;mw	EDunnington	RLaufer
DATE	02/08/02	02/08/02	02/11/02

OFFICIAL RECORD COPY

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

Ms. Lillian M. Cuoco, Esq.  
Senior Nuclear Counsel  
Dominion Nuclear Connecticut, Inc.  
Millstone Power Station  
Building 475, 5th Floor  
Rope Ferry Road  
Rt. 156  
Waterford, Connecticut 06385

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

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