

August 23, 2007

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

SUBJECT: NORTH ANNA POWER STATION, UNIT NOS. 1 AND 2, AND INDEPENDENT SPENT FUEL STORAGE INSTALLATIONS (ISFSIs), SURRY POWER STATION, UNIT NOS. 1 AND 2, AND ISFSIs, REQUEST FOR ADDITIONAL INFORMATION (RAI) REGARDING REVISIONS TO EMERGENCY ACTION LEVELS (TAC NOS. MD4964, MD4965, MD4966, MD4967)

Dear Mr. Christian:

By letter dated March 28, 2007, Virginia Electric and Power Company (the licensee), submitted proposed revisions to the emergency action levels (EALs) for the North Anna Power Station, Unit Nos. 1 and 2 and ISFSIs, and Surry Power Station, Unit Nos. 1 and 2 and ISFSIs. The proposed revisions would implement a new scheme based on Nuclear Energy Institute (NEI) 99-01, Revision 4, *Methodology for Development of Emergency Action Levels*. The Nuclear Regulatory Commission (NRC) staff is reviewing the submittal and has determined that additional information is required to complete its evaluation. The NRC staff's RAI is enclosed.

The questions which make up the request were discussed with licensee staff on August 6, 2007. As discussed during the teleconference, the EAL submittal for each plant site was evaluated in parallel and RAIs were generated accordingly. The response should address the RAIs on a site-specific basis. Each licensee should address the RAI applicable to their site, revise the EAL and/or provide more information in the EAL Basis, and revise the Difference/Deviation Matrix as applicable. A revised Difference/Deviation Matrix and Redline/Strikeout copy shall be provided in the licensee's response. Also, a complete, clean, EAL Basis Document shall be provided as an attachment to the licensee's response.

D. Christian

-2-

You are requested to provide a response to the RAI within 30 days.

Sincerely,

/RAI/

R. A. Jervey, Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-338, 50-339, 50-280,
50-281, 72-002, 72-016, 72-055 and 72-056

Enclosure:
RAI

cc w/encl: See next page

D. Christian

-2-

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R. A. Jervy, Project Manager
Plant Licensing Branch II-1
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Office of Nuclear Reactor Regulation

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cc w/encl: See next page

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REQUEST FOR ADDITIONAL INFORMATION (RAI) REGARDING- NORTH ANNA POWER STATION, UNIT NOS. 1 AND 2, AND INDEPENDENT SPENT FUEL STORAGE INSTALLATIONS (ISFSIs), SURRY POWER STATION, UNIT NOS. 1 AND 2, AND ISFSIs, REVISIONS TO EMERGENCY ACTION LEVELS (TAC NOS. MD4964, MD4965, MD4966, MD4967)

Pages 1 -12

Enclosure

North Anna Power Station, Units 1 & 2, Surry Power Station, Units 1 & 2,

cc:

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

Mr. C. Lee Lintecum
County Administrator
Louisa County
Post Office Box 160
Louisa, Virginia 23093

Ms. Lillian M. Cuoco, Esq.
Senior Counsel
Dominion Resources Services, Inc.
Building 475, 5th floor
Rope Ferry Road
Waterford, Connecticut 06385

Dr. W. T. Lough
Virginia State Corporation Commission
Division of Energy Regulation
Post Office Box 1197
Richmond, Virginia 23218

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

Mr. Chris L. Funderburk, Director
Nuclear Licensing & Operations Support
Dominion Resources Services, Inc.
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
P. O. Box 490
Mineral, Virginia 23117

Mr. Daniel G. Stoddard
Site Vice President
North Anna Power Station
Virginia Electric and Power Company
Post Office Box 402
Mineral, Virginia 23117-0402

Dr. Robert B. Stroube, MD, MPH
State Health Commissioner
Office of the Commissioner
Virginia Department of Health
Post Office Box 2448
Richmond, Virginia 23218

Mr. Donald E. Jernigan
Site Vice President
Surry Power Station
Virginia Electric and Power Company
5570 Hog Island Road
Surry, Virginia 23883-0315

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

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