

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

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

Sincerely,

/RAI/

R. A. Jervy, 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

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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)

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Enclosure

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

cc:

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