

December 20, 2004

MEMORANDUM TO: Laura A. Dudes, Section Chief
New Reactors Section
New, Research and Test Reactors Program
Division of Regulatory Improvement Programs, NRR

FROM: Michael L. Scott, Senior Project Manager /RA/
New Reactors Section
New, Research and Test Reactors Program
Division of Regulatory Improvement Programs, NRR

SUBJECT: SUMMARY OF OCTOBER 13 AND NOVEMBER 18, 2004, TELEPHONE
CONFERENCE CALLS WITH DOMINION NUCLEAR NORTH ANNA,
LLC REGARDING SEISMIC ANALYSES

On Wednesday, October 13, 2004, and Thursday, November 18, 2004, telephone conference calls were held among representatives of Dominion Nuclear North Anna, LLC (Dominion) and the Nuclear Regulatory Commission (NRC) staff. A list of participants is attached. The purpose of the conferences, which were held at the request of the NRC staff, was to discuss an aspect of the seismic analyses performed by Dominion in support of its early site permit (ESP) application.

During the October 13 conference, the staff informed Dominion that, in accordance with 10 CFR 100.23, the safe-shutdown earthquake (SSE) ground motion for its ESP site needs to be determined in the free field at the earth's surface rather than at the depth of the containment foundation. Dominion responded that it will have excavated to that foundation, so they have interpreted the ground surface as being where the foundation is located. The staff disagreed with this conclusion.

After consideration of the staff's point and the fact that the ESP site is a hard-rock site, Dominion informed the staff that it would follow the guidance in Section 3.7.1 of NUREG-0800, "Standard Review Plan for the Review of Safety Analysis Reports for Nuclear Power Plants," by defining the SSE ground motion to be on a hypothetical rock outcrop on the surface.

During the November 18 conference, the staff informed Dominion that the approach described in NUREG-0800 Section 3.7.1 is acceptable. The staff added that the applicant will need to describe the approach in its SSAR and that this would be the subject of an open item in the staff's draft safety evaluation report. Dominion replied that it understood the staff's comments.

Docket No. 52-008

Attachment: As stated

cc w/att: See next page

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ACCESSION NUMBER: ML043270148

***See previous concurrence**

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DATE	12/2/04	11/29/04	12/14/04	12/17/04

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OCTOBER 13 AND NOVEMBER 18, 2004
TELEPHONE CONFERENCE CALL SUMMARY
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