

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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E-Mail CMunson
WBeckner GBagchi LDudes RWeisman NGilles
MScott KManoly GImbro YLi RAnand

ACCESSION NUMBER: ML043270148 *See previous concurrence

OFFICE	RNRP/PM	EMEB/SC*	OGC	RNRP/SC
NAME	MScott	KManoly	RWeisman	LDudes
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
LIST OF PARTICIPANTS

Nuclear Regulatory Commission

Applicant

October 13, 2004

M. Scott
C. Munson

J. Hegner
M. Smith
D. Batalo
S. Semmes
S. Routh (Bechtel)
R. Baker (Bechtel)
J. Davie (Bechtel)
J. Litehiser (Bechtel)
R. McGuire (Consultant)

November 18, 2004

M. Scott
C. Munson
Y. Li

J. Hegner
S. Routh (Bechtel)
R. Baker (Bechtel)
J. Davie (Bechtel)
J. Litehiser (Bechtel)

Mr. David A. Christian
Senior Vice President and Chief Nuclear
Officer
Dominion Resources Services, Inc.
Innsbrook Technical Center
5000 Dominion Blvd.
Glen Allen, VA 23060-6711

Dominion Resources Services, Inc.
Rope Ferry Road
Building 475, 5th Floor
Waterford, CT 06385

Ms. Lillian M. Cuoco, Esq.
Senior Counsel

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

NORTH ANNA EARLY SITE PERMIT
SERVICE LIST

Mr. David R. Lewis
Shaw Pittman
2300 N Street, N.W.
Washington, D.C. 20037

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

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

Mr. 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

Mr. David Lochbaum
Union of Concerned Scientists
1707 H Street, NW
Suite 600
Washington, DC 20006-3919

Mr. Paul Gunter
Director of the Reactor Watchdog Project
Nuclear Information & Resource Service
1424 16th Street, NW, Suite 404
Washington, DC 20036

Mr. Adrian Heymer
Nuclear Energy Institute
Suite 400
1776 I Street, NW
Washington, DC 20006-3708

Mr. Russell Bell
Nuclear Energy Institute
Suite 400
1776 I Street, NW
Washington, DC 20006-3708

Mr. Thomas P. Miller
U.S. Department of Energy
Headquarters - Germantown

19901 Germantown Road
Germantown, MD 20874-1290

Mr. James Riccio
Greenpeace
702 H Street, NW, Suite 300
Washington, DC 20001

Ms. Patricia Campbell
Winston & Strawn
1400 L Street, NW
Washington, DC 20005

Mr. Ernie H. Kennedy
Vice President New Plants
Nuclear Plant Projects
Westinghouse Electric Company
2000 Day Hill Road
Windsor, CT 06095-0500

Dr. Regis A. Matzie
Senior Vice President and
Chief Technology Officer
Westinghouse Electric Company
2000 Day Hill Road
Windsor, CT 06095-0500

Mr. Gary Wright, Manager
Division of Nuclear Safety
Illinois Emergency Management Agency
1035 Outer Park Drive
Springfield, IL 62704

NORTH ANNA EARLY SITE PERMIT
SERVICE LIST

-2-

Mr. Glenn H. Archinoff
5275 Westview Drive
ACR Suite
Frederick, MD 21703-8306

Mr. Ed Wallace, General Manager
Projects
PBMR Pty LTD
PO Box 9396
Centurion 0046
Republic of South Africa

Mr. Brendan Hoffman
Research Associate on Nuclear Energy
Public Citizens Critical Mass Energy
and Environmental Program
215 Pennsylvania Avenue, SE
Washington, DC 20003

Mr. Tom Clements
6703 Guide Avenue
Takoma Park, MD 20912

Mr. Paul Leventhal
Nuclear Control Institute
1000 Connecticut Avenue, NW
Suite 410
Washington, DC 20036

Dr. Jack W. Roe
Vice President
Advanced Technologies & Laboratories
International, Inc.
20010 Century Boulevard, Suite 500
Germantown, MD 20874

Mr. Charles Brinkman
Westinghouse Electric Co.
Washington Operations
12300 Twinbrook Pkwy., Suite 330
Rockville, MD 20852

Mr. Marvin Fertel
Senior Vice President
and Chief Nuclear Officer
Nuclear Energy Institute
Suite 400
1776 I Street, NW

Washington, DC 20006-3708

Dr. Glenn R. George
PA Consulting Group
130 Potter Street
Haddonfield, NJ 08033

Mr. Arthur R. Woods
Enercon Services, Inc.
500 TownPark Lane
Kennesaw, GA 30144

Ms. Vanessa E. Quinn, Chief
Radiological Emergency Preparedness
Section
Department of Homeland Security/FEMA
500 C Street, SW
Washington, DC 20472

Mr. Michael M. Cline, State Coordinator
Virginia Department of Emergency
Management
10501 Trade Court
Richmond, Virginia 23236-3713

Mr. Jim Debiec
Director - Power Production
Old Dominion Electric Cooperative
4201 Dominion Blvd
Glen Allen, VA 23060

Mr. Thomas Mundy
Director, Project Development
Exelon Generation
200 Exelon Way, KSA3-N
Kennett Square, PA 19348

Ms. Joanne Tetrault
Librarian
Louisa County Public Library
881 Davis Highway
Mineral, VA 23117

Ms. Abhaya Thiele
406 Key West Drive

Charlottesville, VA 22911

External E-mail

David_Christian@dom.com

Eugene_Grecheck@dom.com

Jack_Davis@dom.com

Marvin_Smith@dom.com

Joseph_Hegner@dom.com

Lillian_Cuoco@dom.com

David_Sommers@dom.com

Vicki_Hull@dom.com

david.lewis@shawpittman.com

gzinke@entergy.com

jim.mallay@framatome-anp.com

eddie.grant@exeloncorp.com