

June 26, 2014

MEMORANDUM TO: Ronaldo V. Jenkins, Chief
Licensing Branch 3
Division of New Reactor Licensing
Office of New Reactors

FROM: Perry Buckberg, Senior Project Manager */RA/*
Licensing Branch 3
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF JUNE 19, 2014, PUBLIC MEETING WITH DOMINION VIRGINIA POWER TO DISCUSS NORTH ANNA COMBINED LICENSE APPLICATION FINAL SAFETY ANALYSIS REPORT SECTIONS 3.7 AND 3.8 SEISMIC STRUCTURAL ANALYSES

On June 19, 2014, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and Dominion Virginia Power (Dominion) at the NRC headquarters in Rockville, Maryland regarding the North Anna Unit 3 Combined Operating License Application (COLA). The meeting notice was issued on June 5, 2014, and was available through both the NRC public meeting website and the Agencywide Documents Access and Management System (ADAMS) under Accession Number ML14156A419. The list of meeting attendees is included as an enclosure.

On December 18, 2013, Dominion submitted a revised COLA that incorporated by reference the General Electric-Hitachi Economic Simplified Boiling Water Reactor, Revision 9 that included all necessary information for the staff to conduct its review. The staff issued a review schedule for the revised COLA on April 7, 2014 (ML14079A174). The staff review of the COLA Seismic Structural Analysis resulted in draft requests for additional information (RAIs) 7520, 7535, 7536, 7537 and 7538 being sent to Dominion on May 13, 2014 (ML14133A678) and the final versions of these RAIs being issued on June 5, 2014. These RAIs, as well as an overview of the COLA Final Safety Analysis Report Sections 3.7 and 3.8, were discussed during the May 22, 2014, public meeting (meeting summary - ML14153A274) and the discussion continued during this June 19, 2014, public meeting.

The meeting commenced at 8:30 a.m. with opening remarks, an introduction of attendees, announcement of meeting logistics, and then then the background and meeting purpose were discussed. After these logistical items, Dominion slides (ML14169A356) were presented and discussed. The presentation began with an overview of the process for addressing seismic exceedances then followed with a discussion of RAIs related to FSAR Sections 3.7.2, 3.8.4 and 3.8.5 that was continued from the May 22, 2014, public meeting. During the RAI discussion, as with the May 22, 2014, RAI discussion, the staff offered feedback on the Dominion draft RAI responses as to whether or not each draft response reflected a path toward successful RAI resolution. In addition to this general 'success path' feedback, some clarification was exchanged for certain RAIs as well as detailed technical discussion taking place. The RAI discussion was followed a discussion of sensitivity studies including the applicant's

benchmarking of the soil-structure interaction computer code (SASSI2010) Modified Subtraction Method. The staff then offered feedback on Dominion's May 9, 2014, response to RAI 7474, Question 3.7.4-2 (ML14140A087) as well as discussing draft RAI 7547 (ML14175A522) related to the North Anna Unit 3 seismic margins analysis. The remainder of the meeting included Dominion presenting information related to its overall seismic analysis plan. Slide 83 of the Dominion presentation included a request for the NRC to determine whether the current review schedule could support proposed RAI response date in the presentation. The NRC chose to defer responding to this review schedule related request to a later date.

Members of the public in attendance had two opportunities to comment and/or ask questions; prior to breaking for lunch, and prior to meeting closure. Prior to lunch the NRC staff was asked what magnitude earthquake North Anna Unit 3 was being designed to withstand. The staff reply provided information regarding the NUREG 2115, "Central and Eastern United States Seismic Source Characterization for Nuclear Facilities" criteria and its development. Prior to the end of the meeting, the same member of the public commented that the staff needs to take it into account the North Anna 3 site's seismic history and consider that allegedly some North Anna Nuclear Power Plant seismic sensors were not operating for a portion of the region's August 2011, earthquake. The meeting was then adjourned at 1520.

Docket No.: 52-017

Enclosure:
List of Attendees

cc w/encl: See next page

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ADAMS Accession Nos.: ML14177A160via email*

NRC-001

OFFICE	DNRL/LB3: PM	DNRL/LB3: LA	DNRL/LB2: PM
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DATE	06/26/2014	06/26/2014	06/26/2014

OFFICIAL RECORD COPY

List of Attendees

Public Meeting with Dominion to Discuss the North Anna Combined Application Seismic Structural Analyses Held on June 19, 2014

Name	Organization
Perry Buckberg	US NRC/NRO
Chandu Patel	US NRC/NRO
Vladimir Graizer	US NRC/NRO
Manas Chakravorty	US NRC/NRO
Jim Xu	US NRC/NRO
George Wang	US NRC/NRO
Frank Akstulewicz	US NRC/NRO
Manuel Miranda	Brookhaven National Laboratory
Gina Borsh	Dominion
Ross Milliken	Dominion
Mark Giles	Dominion
Joe Hegner	Dominion
John Waddill	Dominion
Patricia Campbell	General Electric – Hitachi (GEH)
Luben Todorovski	GEH
Tanya Kirby	GEH
Walter Schumitsch	GEH
*Taylor Black	GEH
*Matt Heiser	GEH
*Ai-Shen Liu	GEH
Alidad Hashemi	Bechtel
Richard Baker	Bechtel
Douglas Kemp	Bechtel

Enclosure

Name	Organization
*Jaspal Saini	Bechtel
*Jim Marrone	Bechtel
*Nick Gregor	Bechtel
*Dan Howard	Fluor
*Mark Loeffler	Enercon
*Erica Gray	Public
*David Martin	Public

*Attendance by conference bridge line only

COL - North Anna Mailing List
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Revised 05/19/2014)

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