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U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D. C. 20555

Serial No. NA3-11-015R
Docket No. 52-017
COL/MWH

DOMINION VIRGINIA POWER
NORTH ANNA UNIT 3 COMBINED LICENSE APPLICATION
SRP 03.11: RESPONSE TO RAI LETTER 62

On March 23, 2011, the NRC requested additional information to support the review of certain portions of the North Anna Unit 3 Combined License Application (COLA). The responses to the following Request for Additional Information (RAI) Questions are provided in Enclosures 1 and 2:

- RAI 5547 Question 03.11-9 Site-Specific EQ Equipment List
- RAI 5547 Question 03.11-10 Applicability of EQ Program to Site-Specific Equipment

This information will be incorporated into a future submission of the North Anna Unit 3 COLA, as described in the enclosures.

Please contact Regina Borsh at (804) 273-2247 (regina.borsh@dom.com) if you have questions.

Very truly yours,

Eugene S. Grecheck

D089
MWH

COMMONWEALTH OF VIRGINIA

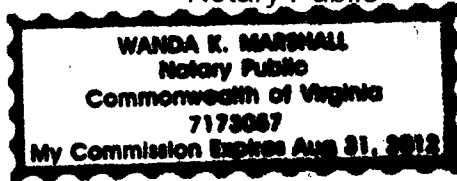
COUNTY OF HENRICO

The foregoing document was acknowledged before me, in and for the County and Commonwealth aforesaid, today by Eugene S. Grecheck, who is Vice President-Nuclear Development of Virginia Electric and Power Company (Dominion Virginia Power). He has affirmed before me that he is duly authorized to execute and file the foregoing document on behalf of the Company, and that the statements in the document are true to the best of his knowledge and belief.

Acknowledged before me this 13th day of April, 2011
My registration number is 7173057 and my
Commission expires: August 31, 2012

Wanda K. Marshall

Notary Public



cc: U. S. Nuclear Regulatory Commission, Region II
C. P. Patel, NRC
T. S. Dozier, NRC
J. T. Reece, NRC

Enclosures:

1. Response to NRC RAI Letter Number 62, RAI 5547 Question 03.11-9
2. Response to NRC RAI Letter Number 62, RAI 5547 Question 03.11-10

Commitments made by this letter:

1. Incorporate proposed changes in a future COLA submission.

ENCLOSURE 1

Response to NRC RAI Letter 62

RAI 5547 Question 03.11-9

RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION

**North Anna Unit 3
Dominion
Docket No. 52-017**

RAI NO.: 5547 (RAI Letter 62)

**SRP SECTION: 03.11 – ENVIRONMENTAL QUALIFICATION OF MECHANICAL AND
ELECTRICAL EQUIPMENT**

**QUESTIONS for Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR
Projects) (CIB1)**

DATE OF RAI ISSUE: 03/23/2011

QUESTION NO.: 03.11-9

Comanche Peak Units 3 and 4 FSAR (Revision 1) Table 3D-201, "Site-Specific Environmental Qualification Equipment List," includes heaters and fans with equipment tag numbers VRS-OFN-602C and D, VRS-OEQ-601A to D, VRS-OEQ-602A to D, and VRS-OEQ-603A, which are not listed in North Anna 3 FSAR (Revision 3) Table 3D-201. The NRC staff requests that Dominion confirm that this equipment is not planned for use in North Anna Unit 3.

Dominion Response

North Anna Unit 3 FSAR Table 3D-201, Item Numbers 19 through 29, were inadvertently omitted from the table. The FSAR will be revised to include the information associated with these item numbers as shown in the attached FSAR markup pages.

Components with equipment tag numbers VRS-OFN-602C and D, VRS-OEQ-601A to D, VRS-OEQ-602A to D, and VRS-OEQ-603A are planned for use in North Anna Unit 3 and are shown in the revised FSAR Table 3D-201.

Proposed COLA Revision

FSAR Table 3D-201 will be revised as indicated on the attached markup.

Markup of North Anna COLA

The attached markup represents Dominion's good faith effort to show how the COLA will be revised in a future COLA submittal in response to the subject RAI. However, the same COLA content may be impacted by revisions to the DCD, responses to other COLA RAIs, other COLA changes, plant design changes, editorial or typographical corrections, etc. As a result, the final COLA content that appears in a future submittal may be somewhat different than as presented herein.

NAPS COL 3.11(5)
NAPS COL 3.11(8)

Table 3D-201 Site-Specific Environmental Qualification Equipment List

Item Number	Equipment Tag	Description	Location	Purpose	Operational Duration	Environmental Conditions	Qualification Process	Seismic Category	Comments
			PCCV, R/B, A/B, O/B, T/B, UHSRS, ESWPT	ESF, PAM, Other		Harsh or Mild	E=Electrical M=Mechanical	I, II, Non	
17	VRS-OFN-602A	A - UHS Transfer Pump Room Exhaust Fan	UHSRS	ESF	1 yr	Mild	M	I	
18	VRS-OFN-602B	B - UHS Transfer Pump Room Exhaust Fan	UHSRS	ESF	1 yr	Mild	M	I	
19	VRS-OFN-602C	C - UHS Transfer Pump Room Exhaust Fan	UHSRS	ESF	1 yr	Mild	M	I	
20	VRS-OFN-602D	D - UHS Transfer Pump Room Exhaust Fan	UHSRS	ESF	1 yr	Mild	M	I	
21	VRS-OEQ-601A	A - ESW Pump Room Unit Heater	UHSRS	ESF	1 yr	Mild	M	I	
22	VRS-OEQ-601B	B - ESW Pump Room Unit Heater	UHSRS	ESF	1 yr	Mild	M	I	
23	VRS-OEQ-601C	C - ESW Pump Room Unit Heater	UHSRS	ESF	1 yr	Mild	M	I	
24	VRS-OEQ-601D	D - ESW Pump Room Unit Heater	UHSRS	ESF	1 yr	Mild	M	I	
25	VRS-OEQ-602A	A - ESW Pump Room Unit Heater	UHSRS	ESF	1 yr	Mild	M	I	
26	VRS-OEQ-602B	B - ESW Pump Room Unit Heater	UHSRS	ESF	1 yr	Mild	M	I	
27	VRS-OEQ-602C	C - ESW Pump Room Unit Heater	UHSRS	ESF	1 yr	Mild	M	I	
28	VRS-OEQ-602D	D - ESW Pump Room Unit Heater	UHSRS	ESF	1 yr	Mild	M	I	
29	VRS-OEQ-603A	A - UHS Transfer Pump Room Unit Heater	UHSRS	ESF	1 yr	Mild	M	I	

ENCLOSURE 2

Response to NRC RAI Letter 62

RAI 5547 Question 03.11-10

RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION

North Anna Unit 3

Dominion

Docket No. 52-017

RAI NO.: 5547 (RAI Letter 62)

SRP SECTION: 03.11 – ENVIRONMENTAL QUALIFICATION OF MECHANICAL AND ELECTRICAL EQUIPMENT

QUESTIONS for Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)

DATE OF RAI ISSUE: 03/23/2011

QUESTION NO.: 03.11-10

North Anna 3 FSAR (Revision 3) Table 3D-201, "Site-Specific Environmental Qualification Equipment List," includes valves identified as UHS-MOV-507A to D, UHS-MOV-508A to D, UHS-MOV-509A to D, and UHS-MOV-510A to D, which are not included in Comanche Peak Units 3 and 4 FSAR (Revision 1) Table 3D-201. The NRC staff requests that Dominion confirm that the provisions in the US-APWR Design Certification Design Control Document and Comanche Peak Units 3 and 4 US-APWR R-COLA FSAR for the EQ program will be applied to these site-specific valves for North Anna Unit 3, or describe the plant-specific EQ program for these valves.

Dominion Response

The North Anna Unit 3 site-specific Environmental Qualification (EQ) Program is described in FSAR Section 3.11. The US-APWR Design Control Document (DCD) Section 3.11, *Environmental Qualification of Mechanical and Electrical Equipment*, is incorporated by reference into FSAR Section 3.11. Additional programmatic information for the site-specific EQ program is provided in FSAR Sections 3.11.1.1, 3.11.1.2, 3.11.3, 3.11.4, 3.11.5, and 3.11.6 in response to COL Applicant items identified in DCD Section 3.11. This information is designated as standard COLA content and identical to that described in the Comanche Peak Units 3 and 4 FSAR Section 3.11. The North Anna Unit 3 EQ program described in FSAR Section 3.11 will be applied to the site-specific equipment identified in FSAR Table 3D-201, *Site-Specific Environmental Qualification Equipment List*, including UHS-MOV-507A to D, UHS-MOV-508A to D, UHS-MOV-509A to D, and UHS-MOV-510A to D.

Proposed COLA Revision

None