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Dominion®

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U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

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VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION)
NORTH ANNA POWER STATION UNITS 1 AND 2
EMERGENCY RESPONSE DATA SYSTEM (ERDS)
DATABASE REVISIONS

Pursuant to 10 CFR 50, Appendix E, VI.3.a, Dominion is hereby notifying the NRC of data point modifications implemented at North Anna Power Station Units 1 and 2 as a result of the replacement of the letdown radiation monitors. A summary of data point changes (i.e., change reports) is provided in Attachments 1 and 2 for North Anna Units 1 and 2, respectively. In addition, Updated Data Point Library Sheets for North Anna Units 1 and 2 are provided in Attachments 3 and 4, respectively.

If you have any questions regarding the information provided herein, please contact Mr. Thomas Shaub at (804) 273-2763.

Sincerely,

C. L. Funderburk – Director
Nuclear Licensing and Operations Support
Dominion Resources Services, Inc.
For Virginia Electric and Power Company

Attachments
1. North Anna Unit 1 Data Point Revision Summary
2. North Anna Unit 2 Data Point Revision Summary
3. North Anna Unit 1 Updated Data Point Library Sheets
4. North Anna Unit 2 Updated Data Point Library Sheets

Commitments made in this letter: None

cc: U.S. Nuclear Regulatory Commission
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NRC Senior Resident Inspector
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Attachment 1

North Anna Unit 1 Data Point Revision Summary

Virginia Electric and Power Company
(Dominion)
North Anna Power Station

UNIT: 1
PWR DATA POINT LIBRARY REFERENCE FILE

CHANGE REPORT

CHANGED POINT R1RM214C AT 2:35:37PM ON 12/16/2008. CHANGES WERE AS FOLLOWS:

DATE:	WAS : 03/07/1996
	IS : 12/16/2008
MAXIMUM INSTRUMENT RANGE:	WAS : 10000.0
	IS : 1.000E5

DATE:	WAS : 03/07/1996
	IS : 12/16/2008
MINIMUM INSTRUMENT RANGE:	WAS : 0.00000
	IS : 10.0000

STATION: North Anna
UNIT: 1

PRINTED
01/13/2009

PWR DATA POINT LIBRARY REFERENCE FILE
CHANGE REPORT

CHANGED POINT R1RM214C AT 1:09:41PM ON 01/13/2009. CHANGES WERE AS FOLLOWS:

DATE:	WAS	: 12/16/2008
	IS	: 01/13/2009
UNIQUE SYSTEM DESCRIPTION:	WAS	: Continuously monitors radiation level in the reactor coolant by means of a strap-on monitor on the letdown line.
	IS	: Continuously monitors radiation level in the reactor coolant by means of an external monitor adjacent to the letdown line.

Attachment 2

North Anna Unit 2 Data Point Revision Summary

Virginia Electric and Power Company
(Dominion)
North Anna Power Station

UNIT: 2
PWR DATA POINT LIBRARY REFERENCE FILE

CHANGE REPORT

CHANGED POINT R2RM214C AT 2:35:37PM ON 12/16/2008. CHANGES WERE AS FOLLOWS:

DATE:	WAS : 03/07/1996
	IS : 12/16/2008
MAXIMUM INSTRUMENT RANGE:	WAS : 10000.0
	IS : 1.000E5

DATE:	WAS : 03/07/1996
	IS : 12/16/2008
MINIMUM INSTRUMENT RANGE:	WAS : 0.00000
	IS : 10.0000

STATION: North Anna
UNIT: 2

PWR DATA POINT LIBRARY REFERENCE FILE
CHANGE REPORT

CHANGED POINT R2RM214C AT 1:14:33PM ON 01/13/2009. CHANGES WERE AS FOLLOWS:

DATE:	WAS	: 01/13/2009
	IS	: 01/13/2009
UNIQUE SYSTEM DESCRIPTION:	WAS	: Continuously monitors radiation level in the reactor coolant by means of a sample from the letdown line.
	IS	: Continuously monitors radiation level in the reactor coolant by means of an external monitor adjacent to the letdown line.

Attachment 3

North Anna Unit 1 Updated Data Point Library Sheets

Virginia Electric and Power Company
(Dominion)
North Anna Power Station

STATION: North Anna

UNIT: 1

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	01/13/2009
REACTOR UNIT:	NA1
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	RCS LTDN RAD
POINT ID:	R1RM214C
PLANT SPEC POINT DESC:	RCS LETDOWN HIGH RAD MON
GENERIC/COND DESC:	RAD LEVEL OF RCS LETDOWN LINE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	MR/HR
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	10.0000
MAXIMUM INSTR RANGE:	1.000E5
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSORS:	1
HOW PROCESSED:	EXPONENTIATED VALUE OF LOGARITHMIC INPUT
SENSOR LOCATIONS:	RCS LETDOWN LINE
ALARM/TRIP SETPOINTS:	VARIABLE
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURN-ON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	N/A
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE LEG:	N/A
UNIQUE SYSTEM DESC:	Continuously monitors radiation level in the reactor coolant by means of an external monitor adjacent to the letdown line.

Attachment 4

North Anna Unit 2 Updated Data Point Library Sheets

Virginia Electric and Power Company
(Dominion)
North Anna Power Station

STATION: North Anna

UNIT: 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	01/13/2009
REACTOR UNIT:	NA2
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	RCS LTDN RAD
POINT ID:	R2RM214C
PLANT SPEC POINT DESC:	RCS LETDOWN HIGH RAD MON
GENERIC/COND DESC:	RAD LEVEL OF RCS LETDOWN LINE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	MR/HR
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	10.0000
MAXIMUM INSTR RANGE:	1.000E5
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSORS:	1
HOW PROCESSED:	EXPONENTIATED VALUE OF LOGARITHMIC INPUT
SENSOR LOCATIONS:	RCS LETDOWN LINE
ALARM/TRIP SETPOINTS:	VARIABLE
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURN-ON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	N/A
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE LEG:	N/A
UNIQUE SYSTEM DESC:	Continuously monitors radiation level in the reactor coolant by means of an external monitor adjacent to the letdown line.