

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

October 22, 2014

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 UNIT 2
EMERGENCY RESPONSE DATA SYSTEM (ERDS)
DATABASE UPDATES

Pursuant to 10 CFR 50, Appendix E, VI.3.a, Dominion is hereby notifying the NRC of emergency response data system (ERDS) data point modifications implemented at North Anna Power Station, on October 5, 2014, as a result of the replacement of the Unit 2 Main Steam radiation monitors. A summary of data point changes (i.e., change reports) is provided in Attachment 1. Updated Data Point Library Sheets for North Anna Unit 2 are provided in Attachment 2.

If you have any questions regarding the information provided herein, please contact Mr. Jay Leberstien at (540) 894-2574.

Sincerely,



John R. Daugherty
Director, Nuclear Safety and Licensing

Attachments

1. North Anna Unit 2 Data Point Library Change Reports
2. North Anna Unit 2 Updated Data Point Library Sheets

Commitments made in this letter: None

A026
NLL

cc: U.S. Nuclear Regulatory Commission
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NRC Senior Resident Inspector
North Anna Power Station

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Attachment 1

North Anna Unit 2 Data Point Library Change Reports

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

**PWR DATA POINT LIBRARY REFERENCE FILE
CHANGE REPORT**

CHANGED POINT R2RM201C AT 9:19:48AM ON 09/12/2014. CHANGES WERE AS FOLLOWS:

DATE: WAS : 09/10/2002
IS : 09/12/2014

MAXIMUM INSTRUMENT RANGE: WAS : 1.259E7
IS : 1.000E7

DATE: WAS : 09/10/2002
IS : 09/12/2014

MINIMUM INSTRUMENT RANGE: WAS : 0.03980
IS : 1.00E-2

Point Changed in actual Plant Computer System (PCS) on 10/5/2014 07:00

PWR DATA POINT LIBRARY REFERENCE FILE
CHANGE REPORT

CHANGED POINT R2RM202C AT 9:26:05AM ON 09/12/2014. CHANGES WERE AS FOLLOWS:

DATE: WAS : 09/10/2002
IS : 09/12/2014

MAXIMUM INSTRUMENT RANGE: WAS : 1.259E7
IS : 1.000E7

DATE: WAS : 09/10/2002
IS : 09/12/2014

MINIMUM INSTRUMENT RANGE: WAS : 0.03980
IS : 1.00E-2

Point Changed in actual Plant Computer System (PCS) on 10/5/2014 07:00

**PWR DATA POINT LIBRARY REFERENCE FILE
CHANGE REPORT**

CHANGED POINT R2RM203C AT 9:28:01AM ON 09/12/2014. CHANGES WERE AS FOLLOWS:

DATE: WAS : 09/10/2002
IS : 09/12/2014

MAXIMUM INSTRUMENT RANGE: WAS : 1.259E7
IS : 1.000E7

DATE: WAS : 09/10/2002
IS : 09/12/2014

MINIMUM INSTRUMENT RANGE: WAS : 0.03980
IS : 1.00E-2

Point Changed in actual Plant Computer System (PCS) on 10/5/2014 07:00

PWR DATA POINT LIBRARY REFERENCE FILE
CHANGE REPORT

CHANGED POINT R2RM204C AT 9:31:19AM ON 09/12/2014. CHANGES WERE AS FOLLOWS:

DATE: WAS : 09/10/2002
IS : 09/12/2014

MAXIMUM INSTRUMENT RANGE: WAS : 1.259E7
IS : 1.00E7

DATE: WAS : 09/10/2002
IS : 09/12/2014

MINIMUM INSTRUMENT RANGE: WAS : 0.03980
IS : 1.00E-2

Point Changed in actual Plant Computer System (PCS) on 10/5/2014 07:00

Attachment 2

North Anna Unit 2 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:	09/12/2014
REACTOR UNIT:	NA2
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	EFF GAS RAD
POINT ID:	R2RM204C
PLANT SPEC POINT DESC:	AS LINE RADIATION MONITOR
GENERIC/COND DESC:	RADIOACTIVITY OF RELEASED GASES
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	MR/HR
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	1.00E-2
MAXIMUM INSTR RANGE:	1.00E7
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:	TURBINE-DRIVEN AUX FEED PUMP EXHAUST
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 the radiation level in the turbine-driven auxiliary feed pump exhaust ("Terry" turbine).

STATION: North Anna

UNIT: 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	09/12/2014
REACTOR UNIT:	NA2
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	MAIN SL 1/A
POINT ID:	R2RM201C
PLANT SPEC POINT DESC:	MS LINE A RAD MON (270)
GENERIC/COND DESC:	STM GEN A STEAM LINE RAD LEVEL
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	MR/HR
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	1.00E-2
MAXIMUM INSTR RANGE:	1.000E7
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:	MN STM SAFETY VLV RISER - M.S. VLV HOUSE
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 the 32 inch A main steam safety line and indicates radiation level.

STATION: North Anna

UNIT: 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: 09/12/2014
REACTOR UNIT: NA2
DATA FEEDER: N/A
NRC ERDS PARAMETER: MAIN SL 2/B
POINT ID: R2RM202C
PLANT SPEC POINT DESC: MS LINE B RAD MON (271)
GENERIC/COND DESC: STM GEN B STEAM LINE RAD LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: MR/HR
ENGR UNITS CONVERSION: N/A
MINIMUM INSTR RANGE: 1.00E-2
MAXIMUM INSTR RANGE: 1.000E7
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: MN STM SAFETY VLV RISER - M.S. VLV HOUSE
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 the 32 inch B main steam safety line and indicates radiation level.

STATION: North Anna

UNIT: 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	09/12/2014
REACTOR UNIT:	NA2
DATA FEEDER:	N/A
NRC ERDS PARAMETER:	MAIN SL 3/C
POINT ID:	R2RM203C
PLANT SPEC POINT DESC:	MS LINE C RAD MON (272)
GENERIC/COND DESC:	STM GEN C STEAM LINE RAD LEVEL
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	MR/HR
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	1.00E-2
MAXIMUM INSTR RANGE:	1.000E7
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:	MN STM SAFETY VLV RISER - M.S. VLV HOUSE
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 the 32 inch C main steam safety line and indicates radiation level.