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March 28, 2007
L-07-053

ATTN: Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Beaver Valley Power Station, Unit Nos. 1 and 2
BV-1 Docket No. 50-334, License No. DPR-66
BV-2 Docket No. 50-412, License No. NPF-73
Emergency Response Data System

In accordance with 10 CFR 50, Appendix E, Section VI, changes to the Beaver Valley Power Station (BVPS) Units No. 1 and No. 2 Data Point Libraries (DPL) for the Emergency Response Data System (ERDS) are provided in the Attachments. Attachment 1 provides DPL pages for the data points that have been changed. Unit No. 1 DPL information associated with reactor vessel dynamic level high alarm limits was changed due to rescaling of the Reactor Vessel Level Indicating System dynamic head differential pressure levels. Changes for the Unit No. 2 DPL information associated with reactor coolant loop flow low alarm limits were implemented based on new defined operating limits. Attachment 2 provides a list of data points that have changed and a summary of the changes for each listed datapoint.

There are no regulatory commitments contained in this letter. If there are any questions or if additional information is required, please contact Mr. Henry L. Hegrat, Supervisor - FENOC Fleet Licensing, at (330) 374-3114.

Sincerely,

James H. Lash

Attachments:
1. ERDS Data Point Library Changes
2. Summary Of Changes To Data Point Library (DPL)

c: Ms. N. S. Morgan, NRR Project Manager (w/o enclosure)
Mr. P. C. Cataldo, NRC Senior Resident Inspector
Mr. S. J. Collins, NRC Region I Administrator
Mr. D. J. Allard, Director BRP/DEP
Mr. L. E. Ryan (BRP/DEP)

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BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	3/20/2007
Reactor Unit:	BV1
Data Feeder:	IPC
NRC ERDS Parameter:	REAC-VES-LV4
Point ID:	L3212A
Plant Spec Point Desc.:	RX VESSEL DYNAMIC LEVEL - B
Generic/Cond Desc.:	REACTOR VESSEL WATER LEVEL
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	ICCM RVLIS ALGORITHM
Minimum Instr Range:	0
Maximum Instr Range:	120
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
Alarm/Trip Set Points:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
NI Detector Power Supply Cut-Off Power Level:	N/A
NI Detector Power Supply Turn-ON Power Level:	N/A
Instrument Failure Mode:	LOW
Temperature Compensation for DP Transmitters:	Y
Level Reference Leg:	WET
Unique System Desc.:	Connections to the Reactor Vessel at the Incore Instrument Tubes sense Reactor Vessel core and internal DP. Reference line tubing runs from the instrument tubes to high volume sensors that isolate the RCS from the remainder of the RVLIS tubing. Capillary tubing runs from the high volume sensors thru the containment wall to hydraulic isolators. RTDs are installed on capillary lines for containment temperature compensation. ICCM receives transmitter output; this reading is invalid unless RCPs are running. LT-1RC-1322 senses DP across Reactor Vessel and internals when any RCPs are running. LOW ALARM =95% (Mode 1 thru 5) HIGH ALARM =119.5% (Mode 1 thru 5) No alarms in Mode 6

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	3/20/2007
Reactor Unit:	BV1
Data Feeder:	IPC
NRC ERDS Parameter:	REAC-VES-LV3
Point ID:	L3206A
Plant Spec Point Desc.:	RX VESSEL DYNAMIC LEVEL - A
Generic/Cond Desc.:	REACTOR VESSEL WATER LEVEL
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	120
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
Alarm/Trip Set Points:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
NI Detector Power Supply Cut-Off Power Level:	N/A
NI Detector Power Supply Turn-ON Power Level:	N/A
Instrument Failure Mode:	LOW
Temperature Compensation for DP Transmitters:	Y
Level Reference Leg:	WET
Unique System Desc.:	Connections to the Reactor Vessel at the Incore Instrument Tubes sense Reactor Vessel core and internal DP. Reference line tubing runs from the instrument tubes to high volume sensors that isolate the RCS from the remainder of the RVLIS tubing. Capillary tubing runs from the high volume sensors thru the containment wall to hydraulic isolators. RTDs are installed on capillary lines for containment temperature compensation. ICCM receives transmitter output; this reading is invalid unless RCPs are running. LT-1RC-1312 senses DP across Reactor Vessel and internals when any RCPs are running. LOW ALARM = 95% (Modes 1 thru 5) HIGH ALARM =119.5% (Modes 1 thru 5) No alarms in Mode 6

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	3/20/2007
Reactor Unit:	BV2
Data Feeder:	PCS
NRC ERDS Parameter:	CORE-FLOW1
Point ID:	F0400A
Plant Spec Point Desc.:	RCL A FLW RCS-FT414
Generic/Cond Desc.:	REACTOR COOLANT LOOP A FLOW
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	FLOW
Minimum Instr Range:	0
Maximum Instr Range:	120
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
Alarm/Trip Set Points:	HI ALM @ 100, LO ALM @ 95
NI Detector Power Supply Cut-Off Power Level:	N/A
NI Detector Power Supply Turn-ON Power Level:	N/A
Instrument Failure Mode:	LOW
Temperature Compensation for DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	2RCS-FT414 senses RCS Loop A flow and provides a signal to the computer, SSPS, and the Main Control Board. The Reactor Coolant Pump design flow rate is 95,230 GPM at 542F and 2250 PSIG. 100% flow in Loop A is approximately 3.5E7 LBM/HR. 2RCS-FT414 senses flow at the Reactor Coolant Pipe Elbow at SG A Outlet. Ref: 10080-TLD-006-045; RM-406-1; RM-406-3; 2BVT 1.6.1.

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	3/20/2007
Reactor Unit:	BV2
Data Feeder:	PCS
NRC ERDS Parameter:	CORE-FLOW2
Point ID:	F0421A
Plant Spec Point Desc.:	RCL B FLW RCS-FT425
Generic/Cond Desc.:	REACTOR COOLANT LOOP B FLOW
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	FLOW
Minimum Instr Range:	0
Maximum Instr Range:	120
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
Alarm/Trip Set Points:	HI ALM @ 100, LO ALM @ 95
NI Detector Power Supply Cut-Off Power Level:	N/A
NI Detector Power Supply Turn-ON Power Level:	N/A
Instrument Failure Mode:	LOW
Temperature Compensation for DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	2RCS-FT425 senses RCS Loop B flow and provides a signal to the computer, SSPS, and the Main Control Board. The Reactor Coolant Pump design flow rate is 95,230 GPM at 542F and 2250 PSIG. 100% flow in Loop B is approximately 3.5E7 LBM/HR. 2RCS-FT425 senses flow at the Reactor Coolant Pipe Elbow at SG B Outlet. Ref: 10080-TLD-006-062; RM-406-1; RM-406-3; 2BVT 1.6.1.

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	3/20/2007
Reactor Unit:	BV2
Data Feeder:	PCS
NRC ERDS Parameter:	CORE-FLOW3
Point ID:	F0442A
Plant Spec Point Desc.:	RCL C FLW RCS-FT436
Generic/Cond Desc.:	REACTOR COOLANT LOOP C FLOW
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	FLOW
Minimum Instr Range:	0
Maximum Instr Range:	120
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
Alarm/Trip Set Points:	HI ALM @ 100, LO ALM @ 95
NI Detector Power Supply Cut-Off Power Level:	N/A
NI Detector Power Supply Turn-ON Power Level:	N/A
Instrument Failure Mode:	LOW
Temperature Compensation for DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	2RCS-FT436 senses RCS Loop C flow and provides a signal to the computer, SSPS, and the Main Control Board. The Reactor Coolant Pump design flow rate is 95,230 GPM at 542F and 2250 PSIG. 100% flow in Loop C is approximately 3.5E7 LBM/HR. 2RCS-FT436 senses flow at the Reactor Coolant Pipe Elbow at SG C Outlet. Ref: 10080-TLD-006-079; RM-406-1; RM-406-3; 2BVT 1.6.1.

SUMMARY OF CHANGES TO DATA POINT LIBRARY (DPL)

Reactor Unit	DPL Point	Description of Change(s)
BV1	L3212A	**Date: Changed to "3/20/2007"** **Plant Spec Point Desc.: Replaced** "RX VESSEL DYNAMIC RANGE -B" with "RX VESSEL DYNAMIC LEVEL -B" **Unique System Desc.:** Corrected typographical error "internals" in the last sentence. Replaced the "HIGH ALARM = 115 % (Modes 1 thru 5)" with a "HIGH ALARM = 119.5 % (Modes 1 thru 5)"
	L3206A	**Date: Changed to "3/20/2007"** **Unique System Desc.:** Replaced the "HIGH ALARM = 115 % (Modes 1 thru 5)" with a "HIGH ALARM = 119.5 % (Modes 1 thru 5)"
BV2	F0400A	**Date: Changed to "3/20/2007"** **Alarm/Trip Set Points.:** Replaced the "HI ALM @ 100, LO ALM @ 97" with "HI ALM @ 100, LO ALM @ 95"
	F0421A	**Date: Changed to "3/20/2007"** **Alarm/Trip Set Points.:** Replaced the "HI ALM @ 100, LO ALM @ 97" with "HI ALM @ 100, LO ALM @ 95"
	F0442A	**Date: Changed to "3/20/2007"** **Alarm/Trip Set Points.:** Replaced the "HI ALM @ 100, LO ALM @ 97" with "HI ALM @ 100, LO ALM @ 95"