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September 9, 2014 L-14-288

10 CFR 50, Appendix E, Section VI

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

SUBJECT: Beaver Valley Power Station, Unit No. 1 Docket No. 50-334, License No. DPR-66 Emergency Response Data System Data <u>Point Library Update</u>

In accordance with reporting requirement 10 CFR 50, Appendix E, Section VI.3.a, updates of the Emergency Response Data System (ERDS) Data Point Library (DPL) for Beaver Valley Power Station, Unit No. 1 (BV1) are provided. The attachment includes the required details of the changes, and the enclosure provides copies of the updated DPL pages.

There are no regulatory commitments contained in this letter. If there are any questions or if additional information is required, please contact Mr. William C. Cothen, Manager – Regulatory Compliance, at 724-682-4284.

Sincerely,

Eric A. Larson

Attachment: Summary of Changes to Data Point Library

Enclosure: Beaver Valley Power Station ERDS Data Point Library, Updated Pages

cc: NRC Region I Administrator NRC Resident Inspector NRC Project Manager (w/o enclosure) Director BRP/DEP Site BRP/DEP Representative

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## Attachment L-14-288

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# Summary of Changes to Data Point Library Page 1 of 1

Reactor Unit	DPL Point	Description of Change(s)
BV1	L0403A	Date: Changed to "08/19/2014"
		<b>Unique System Desc.:</b> Replaced "HIGH ALARM = 60% (Modes 1 thru 4)"
		with "HIGH ALARM = 70% (Modes 1 thru 4)"
		Replaced "lower tap at 752" with "lower tap at 742"
BV1	L0443A	Date: Changed to "08/19/2014"
		<b>Unique System Desc.:</b> Replaced "HIGH ALARM = 60% (Modes 1 thru 4)"
		with "HIGH ALARM = 70% (Modes 1 thru 4)"

# Enclosure L-14-288

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# Beaver Valley Power Station ERDS Data Point Library, Updated Pages (2 pages follow)

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### BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

Date:	8/19/2014
Reactor Unit:	BV1
Data Feeder:	IPC
NRC ERDS Parameter:	SG-LEVEL-1A
Point ID:	L0403A
Plant Spec Point Desc.:	SG A WIDE RANGE LVL LT-1FW-477
Generic/Cond Desc.:	STEAM GENERATOR A WATER LEVEL
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	100
Zero Point Reference:	UTUBES
Reference Point Notes:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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:	Ν
Level Reference Leg:	N/A
Unique System Desc.:	LT-1FW-477 senses wide range SG A level and transmits a signal to the Main Control Board, the Emergency Shutdown Panel and the Auxiliary Feed Pump Room. (see attached % level vs. Gallons curve) LT-1FW-477 senses wide range level between the upper tap at 789' 11" and the lower tap at 742' on SG A. Zero reference top of U Tubes elevation 775' 9". Normal water level is at elevation 783' 2". Ref: Op Manual Chapter 24; ISO 6.24-2743.
	LOW ALARM = 43% (Modes 1 thru 6)

HIGH ALARM = 70% (Modes 1 thru 4); 85% (Modes 5 and 6)

### BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

Date:	8/19/2014
Reactor Unit:	BV1
Data Feeder:	IPC
NRC ERDS Parameter:	SG-LEVEL-3C
Point ID:	L0443A
Plant Spec Point Desc.:	SG C WIDE RANGE LVL LT-1FW-497
Generic/Cond Desc.:	STEAM GENERATOR C WATER LEVEL
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	100
Zero Point Reference:	UTUBES
Reference Point Notes:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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:	Ν
Level Reference Leg:	N/A
Unique System Desc.:	LT-1FW-497 senses wide range SG C level and transmits a signal to the Main Control Board, the Emergency Shutdown Panel and the Auxiliary Feed Pump Room. (see attached % level vs. Gallons curve) LT-1FW-497 senses wide range level between the upper tap at 789' 11" and the lower tap at 742' on SG C. Zero reference top of U Tubes elevation 775' 9". Normal water level is at elevation 783' 2". Ref: Op Manual Chapter 24; ISO 6.24-2745.
	LOW ALARM = 43% (Modes 1 thru 6)

HIGH ALARM = 70% (Modes 1 thru 4); 85% (Modes 5 and 6)