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September 12, 2007  
L-07-124

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

**Subject: Beaver Valley Power Station, Unit No. 2**  
**BV-2 Docket No. 50-412, License No. NPF-73**  
**Emergency Response Data System**

In accordance with 10 CFR 50, Appendix E, Section VI, revisions to the Beaver Valley Power Station (BVPS) Unit No. 2 Data Point Library (DPL) for the Emergency Response Data System (ERDS) are enclosed. The DPL changes are associated with the Refueling Water Storage Tank (RWST) low level computer alarm changes made to the BVPS Unit No. 2 Plant Computer System (PCS). Attachment 1 provides a summary of the changes made for these data points.

There are no regulatory commitments contained in this letter. If there are any questions or if additional information is required, please contact Mr. Thomas A. Lentz, Manager - FENOC Fleet Licensing, at (330) 761-6071.

Sincerely,



Peter P. Sena III

Attachment 1 – Summary Of Changes To Data Point Library  
Enclosures – Revisions to Data Point Library (2 Pages)

c: Ms. N. S. Morgan, NRR Project Manager (w/o enclosure)  
Mr. D. L. Werkheiser, 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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NRR

SUMMARY OF CHANGES TO DATA POINT LIBRARY (DPL)

| Reactor Unit | DPL Point | Description of Change(s)   |
|--------------|-----------|--|
| BV2          | L0500A    | <b>Date: Changed to “8/21/2007”</b><br><br><b>Alarm/Trip Set Points:</b> Replaced “LO ALM @ 718 IN / HI ALM @ 721 IN” with “LO ALM @ 716.5 IN / HI ALM @ 721 IN” |
|              | L0501A    | <b>Date: Changed to “8/21/2007”</b><br><br><b>Alarm/Trip Set Points:</b> Replaced “LO ALM @ 718 IN / HI ALM @ 721 IN” with “LO ALM @ 716.5 IN / HI ALM @ 721 IN” |

BEAVER VALLEY POWER STATION  
ERDS DATA POINT LIBRARY

Date: 8/21/2007

Reactor Unit: BV2

Data Feeder: PCS

NRC ERDS Parameter: BWST-LEVEL1

Point ID: L0500A

Plant Spec Point Desc.: RWST LVL            QSS-LT100A

Generic/Cond Desc.: BORATED WATER STORAGE TANK LEVEL

Analog/Digital: A

Engr Units/Dig States: INCHES

Engr Units Conversion: LINEAR

Minimum Instr Range: 0

Maximum Instr Range: 730

Zero Point Reference: COMPLX

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: LO ALM @ 716.5 IN / HI ALM @ 721 IN

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.: The BWST at BV2 is referred to as "Refueling Water Storage Tank" (RWST). There is one RWST at BV2 with a capacity of 911,000 Gallons. There are 31,823 unusable Gallons below the Quench Spray Pump suction. There are approximately 1250 Gallons/Inch in the RWST. (see attached tank curve). 2QSS-LT100A senses level 12" from the bottom of the tank and 14" below the top of the Quench Spray Pump suction line. Zero reference 12" from bottom of BWST. Ref: MSP-2-13.11-I; 10080-TLD-13B-001; LSK-27-9D; LSK-29-6B; RK-325R.

BEAVER VALLEY POWER STATION  
ERDS DATA POINT LIBRARY

Date: 8/21/2007

Reactor Unit: BV2

Data Feeder: PCS

NRC ERDS Parameter: BWST-LEVEL2

Point ID: L0501A

Plant Spec Point Desc.: RWST LVL          QSS-LT100B

Generic/Cond Desc.: BORATED WATER STORAGE TANK LEVEL

Analog/Digital: A

Engr Units/Dig States: INCHES

Engr Units Conversion: LINEAR

Minimum Instr Range: 0

Maximum Instr Range: 730

Zero Point Reference: COMPLX

Reference Point Notes: SEE UNIQUE SYSTEM DESCRIPTION FIELD

PROC or SENS: S

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Sensor Location: SEE UNIQUE SYSTEM DESCRIPTION FIELD

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NI Detector Power Supply Turn-ON Power Level: N/A

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Temperature Compensation for DP Transmitters: N

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Unique System Desc.: The BWST at BV2 is referred to as "Refueling Water Storage Tank" (RWST). There is one RWST at BV2 with a capacity of 911,000 Gallons. There are 31,823 unusable Gallons below the Quench Spray Pump suction. There are approximately 1250 Gallons/Inch in the RWST. (see attached tank curve). 2QSS-LT100B senses level 12" from the bottom of the tank and 14" below the top of the Quench Spray Pump suction line. Zero reference 12" from bottom of BWST. Ref: MSP-2-13.11-I; 10080-TLD-13B-002; LSK-27-9D; LSK-29-6B; RK-325Q.