

# Duquesne Light Company

Beaver Valley Power Station  
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September 13, 1995

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

**Subject: Beaver Valley Power Station, Unit No. 1  
Docket No. 50-334, License No. DPR-66  
Emergency Response Data System (ERDS)**

In accordance with the requirements of 10 CFR Part 50, Appendix E, Section VI.3.a and NUREG-1394, Revision 1, Section 3.6, "Administrative Implementation Requirements," the enclosed Data Point Library (DPL) changes are being submitted. Four (4) DPLs have undergone a change in the Hi alarm setpoints. These changes are currently in effect on the Beaver Valley Power Station plant computers which provide data to the ERDS computer.

If you have any questions concerning the DPL changes, please contact Mr. J. S. Senko, (412) 393-5728.

Sincerely,

  
George S. Thomas

## Attachments

c: Mr. L. W. Rossbach, Sr. Resident Inspector  
Mr. T. T. Martin, NRC Region I Administrator  
Mr. D. S. Brinkman, Sr. Project Manager  
Mr. J. R. Jolicoeur, USNRC Incident Response Branch  
Mr. T. P. LaRosa, NUS Corporation/EI Division  
Mr. R. R. Keimig, NRC Region 1, Emergency Preparedness  
Mr. P. D. Kaufman, NRC Region 1, Emergency Preparedness

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BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date: 08/24/95

Reactor Unit: BV1

Data Feeder: PVC

NRC ERDS Parameter: COND A/E RAD

Point ID: R0029A

Plant Spec Point Desc.: CONDENSER AIR EJECT ACTIV R-SV100

Generic/Cond Desc.: COND AIR EJECTOR RADIOACTIVITY

Analog/Digital: A

Engr Units/Dig States: CPM

Engr Units Conversion: N/A

Minimum Instr Range: 10

Maximum Instr Range: 1E6

Zero Point Reference: N/A

Reference Point Notes: N/A

PROC or SENS: S

Number Of Sensors: 1

How Processed: N/A

Sensor Locations: SEE UNIQUE SYSTEM DESCRIPTION FIELD

Alarm/Trip Set Points: HI ALM @ 408 CPM/LO ALM @ -100 CPM

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.:

RM-1SV-100 CONTINUOUSLY MONITORS THE EFFLUENT FOR GASEOUS ACTIVITY (I-131, XE-133, KR-85) FROM THE CONDENSER AIR EJECTOR VENT. AN ALARM INDICATES A PRIMARY TO SECONDARY LEAK. A HIGH-HIGH RADIOACTIVITY ALARM DIVERTS THE GASEOUS DISCHARGE TO THE CONTAINMENT BUILDING FOR SUBSEQUENT DISCHARGE THROUGH THE ELEVATED RELEASE POINT. A BETA SCINTILLATION DETECTOR CONTINUOUSLY MONITORS THE CONDENSER AIR EJECTOR VENT. OP MANUAL CHAPTER 43, RM-422-1

## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV1 ERDS INPUT

Date: 08/24/95

Reactor Unit: BV1

Data Feeder: PVC

NRC ERDS Parameter: EFF LIQ RAD

Point ID: R0030A

Plant Spec Point Desc.: LIQUID DISCH RAD MONITOR R-LW104

Generic/Cond Desc.: RADIOACTIVITY OF RELEASED LIQUID

Analog/Digital: A

Engr Units/Dig States: CPM

Engr Units Conversion: N/A

Minimum Instr Range: 10

Maximum Instr Range: 1E6

Zero Point Reference: N/A

Reference Point Notes: N/A

PROC or SENS: S

Number Of Sensors: 1

How Processed: N/A

Sensor Locations: SEE UNIQUE SYSTEM DESCRIPTION FIELD

Alarm/Trip Set Points: HI ALM @ 3.44E5 CPM/LO ALM @ -1600 CPM

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.:

RM-1LW-104 MONITORS THE ACTIVITY (CO-60 & CS-137) OF ANY RADIOACTIVE LIQUID WASTE DISCHARGED FROM THE STATION. A HIGH-HIGH ACTIVITY AUTOMATICALLY TERMINATES FLOW BY CLOSING THE DISCHARGE LINE ISOLATION VALVES. A GAMMA SCINTILLATION DETECTOR MONITORS THE ACTIVITY OF RADIOACTIVE LIQUID WASTE DISCHARGED DOWNSTREAM OF THE LAST POINT OF RADIOACTIVE EFFLUENT ADDITION TO THE DISCHARGE HEADER. OP MANUAL CHAPTER 43, RM-417-1

## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV1 ERDS INPUT

Date: 08/24/93

Reactor Unit: BV1

Data Feeder: PVC

NRC ERDS Parameter: EFF LIQ RAD

Point ID: Y0705A

Plant Spec Point Desc.: CCW/RS RW DISCH ACT R-RW100

Generic/Cond Desc.: RADIOACTIVITY OF RELEASED LIQUID

Analog/Digital: A

Engr Units/Dig States: CPM

Engr Units Conversion: N/A

Minimum Instr Range: 10

Maximum Instr Range: 1E6

Zero Point Reference: N/A

Reference Point Notes: N/A

PROC or SENS: S

Number Of Sensors: 1

How Processed: N/A

Sensor Locations: SEE UNIQUE SYSTEM DESCRIPTION FIELD

Alarm/Trip Set Points: HI ALM @ 1.81E4 CPM

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.:

RM-1RW-100 SAMPLES FOR ACTIVITY (CO-60 & CS-137) AT THE DISCHARGE OF THE REACTOR COMPONENT COOLING WATER HEAT EXCHANGERS. FOLLOWING A CIB SIGNAL THE HHSI PUMP OIL COOLER AND THE RECIRC SPRAY HEAT EXCHANGER DISCHARGE IS ALSO MONITORED. HIGH ACTIVITY IS INDICATIVE OF A HEAT EXCHANGER LEAK. A GAMMA SCINTILLATION DETECTOR MONITORS THE COMBINED RIVER WATER DISCHARGE MANIFOLD DOWNSTREAM OF THE REACTOR PLANT COMPONENT COOLING WATER/RECIRC SPRAY HEAT EXCHANGERS. OP MANUAL CHAPTER 43, RM-430-3

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	08/24/95
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	EFF LIQ RAD
Point ID:	Y0717A
Plant Spec Point Desc.:	LQD WASTE CONTAM DRN ACT R-LW116
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED LIQUID
Analog/Digital:	A
Engr Units/Dig States:	CPM
Engr Units Conversion:	N/A
Minimum Instr Range:	10
Maximum Instr Range:	1E5
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
Alarm/Trip Set Points:	HI ALM @ 7.00E5 CPM
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.:	RM-1LW-116 CONTINUOUSLY MONITORS THE ACTIVITY (CO-60 & CS-137) OF THE EFFLUENT DOWNSTREAM OF THE LIQUID WASTE CONTAMINATED DRAINS FILTER. A HIGH-HIGH ACTIVITY WILL AUTOMATICALLY CLOSE THE ISOLATION VALVES TO TERMINATE FLOW. A GAMMA SCINTILLATION DETECTOR MONITORS THE ACTIVITY OF LIQUID WASTE CONTAMINATED DRAINS EFFLUENT DOWNSTREAM OF THE CONTAMINATED DRAINS FILTER. OP MANUAL CHAPTER 43, RM-417-1