



# Duquesne Light

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

Subject: Beaver Valley Power Station, Unit No. 1 and Unit No. 2  
BV-1 Docket No. 50-334, License No. DPR-66  
BV-2 Docket No. 50-412, License No. NPF-73  
Final Rule - 10 CFR Part 50 Emergency Response Data System

In accordance with the Beaver Valley Power Station Emergency Response Data System (ERDS) implementation plan dated November 12, 1991, the following attachments are being supplied. Attachment 1 contains the Data Point Library (DPL) for Beaver Valley Unit #1. Attachment 2 contains the DPL for Beaver Valley Unit #2. Minor modifications are possible to the DPL prior to the completion of ERDS acceptance testing. Any modifications will be incorporated during the final validation and verification portions of the project and forwarded as part of the final ERDS documentation.

Any questions regarding this project may be directed to Glenn McKee at 412-393-5778.

Sincerely,

Roy K. Brosi  
Manager Emergency Planning

RKB/GAM:plg

Attachments

cc: Mr. L. W. Roszback, Sr. Resident Inspector  
Mr. T. T. Martin, NRC Region 1 Administrator  
Mr. J. R. Jolicoeur, USNRC Incident Response Branch  
Mr. T. P. LaRosa, NUS Corporation/EI Division  
Mr. C. Z. Gordon, NRC Region 1, Emergency Preparedness  
Mr. C. Conklin, NRC Region 1, Emergency Preparedness  
Mr. A. W. DeAgazio, Project Manager  
Mr. M. L. Bowling (VEPCO)

*Handwritten notes and signatures:*  
Add: NRR / DREP / PEPB  
AEOR / ROA / IRB  
H. S. G.  
A. O. S.  
14

ATTACHMENT 1

## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	N1 POWER RNG
Point ID:	NGJ49A
Plant Spec Point Desc.:	PWR RNG CHANNEL 1 Q (QUAD 4)
Generic/Cond Desc.:	NUCLEAR INSTRUMENTS, POWER RANGE
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	LINEAR
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 Locations:	EXCORE DETECTOR QUAD 4, CH 1 (NM41F)
Alarm/Trip Set Points:	LOW POWER @ -3 %/HI ALM @ 105 %
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.:	POWER RANGE LEVEL IS CALIBRATED FROM SECONDARY CALORIMETRIC CALC. TO PROVIDE PERCENT FULL RATED POWER. THE CALC. IS PERFORMED "AT POWER" BY MEASURING THE HEAT TRANSFER RATE ACROSS THE STEAM GENERATORS AND THEN CALIBRATING THE POWER RANGE INDICATION.

## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	NI POWER RNG
Point ID:	N0050A
Plant Spec Point Desc.:	PWR RNG CHANNEL 2 Q (QUAD 2)
Generic/Cond Desc.:	NUCLEAR INSTRUMENTS, POWER RANGE
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	LINEAR
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 Locations:	EXCORE DETECTOR QUAD 2, CH 2 (HM42F)
Alarm/Trip Set Points:	LOW POWER @ -3 %/HI ALM @ 105%
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.:	POWER RANGE LEVEL IS CALIBRATED FROM SECONDARY CALORIMETRIC CALC. TO PROVIDE PERCENT FULL RATED POWER. THE CALC. IS PERFORMED "AT POWER" BY MEASURING THE HEAT TRANSFER RATE ACROSS THE STEAM GENERATORS AND THEN CALIBRATING THE POWER RANGE INDICATION.



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	NI POWER RNG
Point ID:	N0051A
Plant Spec Point Desc.:	PWR RNG CHANNEL 3 Q (QUAD 1)
Generic/Cond Desc.:	NUCLEAR INSTRUMENTS, POWER RANGE
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	LINEAR
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 Locations:	EXCORE DETECTOR QUAD 1, CH 3 (NM43F)
Alarm/Trip Set Points:	LOW POWER @ -3 %/NI ALM @ 105%
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.:	POWER RANGE LEVEL IS CALIBRATED FROM SECONDARY CALORIMETRIC CALC. TO PROVIDE PERCENT FULL RATED POWER. THE CALC. IS PERFORMED "AT POWER" BY MEASURING THE HEAT TRANSFER RATE ACROSS THE STEAM GENERATORS AND THEN CALIBRATING THE POWER RANGE INDICATION.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	NI POWER RNG
Point ID:	N0052A
Plant Spec Point Desc.:	PWR RNG CHANNEL 4 Q (QUAD 3)
Generic/Cond Desc.:	NUCLEAR INSTRUMENTS, POWER RANGE
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	LINEAR
Minimum Instr Range:	0
Maximum Instr Range:	120
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PRCC or SeNS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	EXCORE DETECTOR QUAD 3, CH 4 (NM44F)
Alarm/Trip Set Points:	LOW POWER @ -3 %/HI ALM @ 105%
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.:	POWER RANGE LEVEL IS CALIBRATED FROM SECONDARY CALORIMETRIC CALC. TO PROVIDE PERCENT FULL RATED POWER. THE CALC. IS PERFORMED "AT POWER" BY MEASURING THE HEAT TRANSFER RATE ACROSS THE STEAM GENERATORS AND THEN CALIBRATING THE POWER RANGE INDICATION.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	NI INTER RNG
Point ID:	W0035A
Plant Spec Point Desc.:	INTERM RNG DETECTOR 1 LOG Q(HI)
Generic/Cond Desc.:	NUC INSTRUMENTS, INT RANGE
Analog/Digital:	A
Engr Units/Dig States:	AMP
Engr Units Conversion:	LOG Y = B/5 (VOLTS) -5
Minimum Instr Range:	10E-11
Maximum Instr Range:	10E-3
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	OUTSIDE REACTOR VESSEL (NM35B)
Alarm/Trip Set Points:	HIGH ALM @ 1.3E-4 AMP/LOW ALM @ 0 AMP
NI Detector Power Supply Cut-off Power Level:	2/4 PWR RNG>10%
NI Detector Power Supply Turn-on Power Level:	3/4 PWR RNG<10%
Instrument Failure Mode:	LOW
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	INTERMEDIATE LEVEL INDICATION FROM 10E-11 TO 10E-3 AMPS CORRESPONDS TO ABOUT 10E-6 % TO 10E2 % FULL RATED POWER (DEPENDING ON INSTRUMENT ALIGNMENT). POWER RANGE LEVEL INDICATION WILL NOT COME ON SCALE UNTIL RX POWER RISES TO ABOUT 10E-5 AMPS INTERMEDIATE RANGE (~ 1 % FULL POWER).

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	N1 INTER RNG
Point ID:	N0036A
Plant Spec Point Desc.:	INTERM RNG DETECTOR 2 LOG Q(H1)
Generic/Cond Desc.:	NUC INSTRUMENTS, INT RANGE
Analog/Digital:	A
Engr Units/Dig States:	AMP
Engr Units Conversion:	LOG Y = 8/5 (VOLTS) -5
Minimum Instr Range:	10E-11
Maximum Instr Range:	10E-3
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	OUTSIDE REACTOR VESSEL (NM36B)
Alarm/Trip Set Points:	HIGH ALM @ 1.3E-4 AMP/LOW ALM @ 0 AMP
N1 Detector Power Supply Cut-off Power Level:	2/4 PWR RNG>10%
N1 Detector Power Supply Turn-on Power Level:	3/4 PWR RNG<10%
Instrument Failure Mode:	LOW
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	INTERMEDIATE LEVEL INDICATION FROM 10E-11 TO 10E-3 AMPS CORRESPONDS TO ABOUT 10E-6 % TO 10E2 % FULL RATED POWER (DEPENDING ON INSTRUMENT ALIGNMENT). POWER RANGE LEVEL INDICATION WILL NOT COME ON SCALE UNTIL RX POWER RISES TO ABOUT 10E-5 AMPS INTERMEDIATE RANGE (~ 1 % FULL POWER).

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	N1 SOURC RNG
Point ID:	N0031A
Plant Spec Point Desc.:	SOURCE RNG DETECTOR 1 LOG Q
Generic/Cond Desc.:	NUCLEAR INSTRUMENTS SOURCE RANGE
Analog/Digital:	A
Engr Units/Dig States:	CPS
Engr Units Conversion:	LOG Y = 6/5 (VOLTS) -1
Minimum Instr Range:	1
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:	OUTSIDE REACTOR VESSEL (NM31F)
Alarm/Trip Set Points:	HIGH ALM @ 90,000 CPS/LOW ALM @ 0 CPS
N1 Detector Power Supply Cut-off Power Level:	1/2INTRNG>1E-10
N1 Detector Power Supply Turn-on Power Level:	2/2INTRNG<1E-10
Instrument Failure Mode:	LOW
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	SOURCE RANGE PROVIDES POWER LEVEL INDICATION FROM ABOUT 10E-10 % TO 10E-4 %. SOURCE RANGE POWER LEVEL IS CALIBRATED FROM 10 TO 10E6 COUNTS PER SECONDS.

BEAVER VALLEY POWER STATION EKDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	N1 SOURC RNG
Point ID:	N0032A
Plant Spec Point Desc.:	SOURCE RNG DETECTOR 2 LOG Q
Generic/Cond Desc.:	NUCLEAR INSTRUMENTS SOURCE RANGE
Analog/Digital:	A
Engr Units/Dig States:	CPS
Engr Units Conversion:	LOG Y = 6/5 (VOLTS) -1
Minimum Instr Range:	1
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:	OUTSIDE REACTOR VESSEL (NM32F)
Alarm/Trip Set Points:	HIGH ALARM @ 90,000 CPS
N1 Detector Power Supply Cut-off Power Level:	1/2INTRNG>1E-10
N1 Detector Power Supply Turn-on Power Level:	2/2INTRNG<1E-10
Instrument Failure Mode:	LOW
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	SOURCE RANGE PROVIDES POWER LEVEL INDICATION FROM ABOUT 10E-10 % TO 10E-4 %. SOURCE RANGE POWER LEVEL IS CALIBRATED FROM 10 TO 10E6 COUNTS PER SECOND

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	REAC VES LEV
Point ID:	L3204A
Plant Spec Point Desc.:	RX VESSEL FULL RANGE 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 Locations:	LT-RC1311
Alarm/Trip Set Points:	N/A
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.:	INADEQUATE CORE COOLING MONITOR (ICCM) RECEIVES TRANSMITTER OUTPUT. ICCM THEN TRANSMITS SIGNAL TO PVC AS 0-5 VDC. POINT VALUE INVALID IF REACTOR COOLANT PUMPS ON.



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	REAC VES LEV
Point ID:	L3210A
Plant Spec Point Desc.:	RX VESSEL FULL RANGE LEVEL - B
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 Locations:	LT-RC1321
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	L...
Temperature Compensation For DP Transmitters:	Y
Level Reference Leg:	WET
Unique System Desc.:	INADEQUATE CORE COOLING MONITOR (ICCM) RECEIVES TRANSMITTER OUTPUT. ICCM THEN TRANSMITS SIGNAL TO PVC AS 0-5 VDC. POINT VALUE IS INVALID IF REACTOR COOLANT PUMPS ON.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	REAC VES LEV
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 Locations:	LT-RC1312
Alarm/Trip Set Points:	N/A
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.:	INADEQUATE CORE COOLING MONITOR (ICCM) RECEIVES TRANSMITTER OUTPUT. ICCM THEN TRANSMITS SIGNAL TO PVC AS 0-5 VDC. POINT VALUE IS INVALID IF REACTOR COOLANT PUMPS ON.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	REAC VES LEV
Point ID:	L3212A
Plant Spec Point Desc.:	RX VESSEL DYNAMIC RANGE - 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 SEWS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	LT-RC1322
Alarm/Trip Set Points:	N/A
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.:	INADEQUATE CORE COOLING MONITOR (ICCM) RECEIVES TRANSMITTER OUTPUT. ICCM THEN TRANSMITS SIGNAL TP PVC AS 0 TO 5 VDC. POINT VALUE IS INVALID IF REACTOR COOLANT PUMP OFF.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date: 03/05/92

Reactor Unit: BV1

Data Feeder: PVC

NRC ERDS Parameter: TEMP CORE EX

Point ID: U1003

Plant Spec Point Desc.: CETC 5 HIGHEST AVG (ALL 51 TC)

Generic/Cond Desc.: HIGHEST TEMPERATURE AT CORE EXIT

Analog/Digital: A

Engr Units/Dig States: DEGF

Engr Units Conversion: N/A

Minimum Instr Range: 32

Maximum Instr Range: 2300

Zero Point Reference: N/A

Reference Point Notes: N/A

PROC or SENS: P

Number Of Sensors: 51

How Processed: MARSAT

Sensor Locations: CORE EXIT T/CS (CETC) - CNMT/RX VESSEL

Alarm/Trip Set Points: HI ALM @ 700 DEGF

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.: U1003 IS CALCULATED BY "MARSAT" (MARGIN-TO-SATURATION CALCULATION PROGRAM) WHICH IS EXECUTED EVERY 5 SECONDS. MARSAT WILL READ ALL INCORE T/CS, AND RCS WIDE RANGE PRESSURE CURRENT VALUES. MARSAT WILL THEN CALCULATE THE AVERAGE OF THE 5 HIGHEST GOOD VALUES (CETC 5 HIGHEST AVERAGE) SELECTED FROM ALL INCORE T/CS.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
MRC ERDS Parameter:	SUB MARGIN
Point ID:	U1002
Plant Spec Point Desc.:	MARGIN-TO-SATURATION
Generic/Cond Desc.:	SATURATION TEMP - HIGHEST CET
Analog/Digital:	A
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	-35
Maximum Instr Range:	200
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	53
How Processed:	MARSAT
Sensor Locations:	CETC/RCT WIDE RNG P - CNMT
Alarm/Trip Set Points:	N/A
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.:	U1002 IS CALCULATED BY "MARSAT" WHICH IS EXECUTED EVERY 5 SEC. MARSAT WILL READ INCORE T/CS (CETCS) AND RCS WIDE RNG. PRESS. (P) CURRENT VALUES. MARSAT WILL THEN EVAL. THE AVG. OF THE 5 HIGHEST GOOD VALUES SELECTED FROM ALL CETCS. MARSAT WILL ALSO SELECT THE LOWEST GOOD VALUE OF THE 2 RCS WIDE RNG. PS. THIS LOWEST GOOD RCS WIDE RNG. P WILL THEN BE CONVERTED (VIA STEAM TABLE ROUTINE "PT") TO RCS T-SAT MINIMUM. MARSAT WILL FINALLY TAKE THE DIFF.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	CORE FLOW
Point ID:	ARCSFLOW
Plant Spec Point Desc.:	RX CLNT LOOP A - AVERAGE FLOW
Generic/Cond Desc.:	TOTAL REACTOR COOLANT FLOW
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:	P
Number Of Sensors:	3
How Processed:	BELIEVED VALUE ALGORITHM
Sensor Locations:	F-RC414, F-RC415, F-RC416
Alarm/Trip Set Points:	HI ALM @ 120 %/LO ALM @ 92 %
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.:	ARCSFLOW IS COMPOSED OF THREE LOOP A RCS FLOWS. THE POINT CAN BE THE AVERAGE OF THREE, AVERAGE OF TWO, OR A SINGLE VALUE DEPENDING ON THE DEVIATION OF THE VALUES.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	CORE FLOW
Point ID:	BRCSFLOW
Plant Spec Point Desc.:	RX CLNT LOOP B - AVERAGE FLOW
Generic/Cond Desc.:	TOTAL REACTOR COOLANT FLOW
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:	P
Number Of Sensors:	3
How Processed:	BELIEVED VALUE ALGORITHM
Sensor Locations:	F-RC424, F-RC425, F-RC426
Alarm/Trip Set Points:	HI ALM @ 120 %/LO ALM @ 92 %
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 Log:	N/A
Unique System Desc.:	BRCSFLOW IS COMPOSED OF THREE LOOP B RCS FLOWS. POINT CAN BE THE AVERAGE OF THREE, AVERAGE OF TWO OR A SINGLE VALUE DEPENDING ON THE DEVIATION OF THE VALUES.



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	CORE FLOW
Point ID:	CRCSFLOW
Plant Spec Point Desc.:	RX CLNT LOOP C - AVERAGE FLOW
Generic/Cond Desc.:	TOTAL REACTOR COOLANT FLOW
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:	P
Number Of Sensors:	3
How Processed:	BELIEVED VALUE ALGORITHM
Sensor Locations:	F-RC434, F-RC435, F-RC436
Alarm/Trip Set Points:	HI ALM @ 120 %/LOW ALM @ 92%
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.:	CRCSFLOW IS COMPOSED OF THREE LOOP C RCS FLOWS. THE POINT CAN BE THE AVERAGE OF THREE, AVERAGE OF TWO OR A SINGLE VALUE DEPENDING ON THE DEVIATION OF THE VALUES.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	SG LEVEL A
Point ID:	L0403A
Plant Spec Point Desc.:	STM GEN A WR LEVEL L-FW477
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:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	L-FW477
Alarm/Trip Set Points:	HIGH ALM @ 70 %/LO ALM @ 43 %
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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV1	
Data Feeder:	PVC	
NRC ERDS Parameter:	SG LEVEL B	
Point ID:	10423A	
Plant Spec Point Desc.:	STM GEN B WR LEVEL	L-FW487
Generic/Cond Desc.:	STEAM GENERATOR B 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:	N/A	
Reference Point Notes:	N/A	
PROC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	L-FW487	
Alarm/Trip Set Points:	HIGH ALM @ 70 %/LO ALM @ 43 %	
NI Detector Power Supply Cut-off Power Level:	N/A	
NI Detector Power Supply Turn-on Power Level:	N/A	
Instrument Failure Mode:	LDW	
Temperature Compensation For DP Transmitters:	N	
Level Reference Leg:	N/A	
Unique System Desc.:		

## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV1 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV1	
Data Feeder:	PVC	
NRC ERDS Parameter:	SG LEVEL C	
Point ID:	L0443A	
Plant Spec Point Desc.:	STM GEN C WR LEVEL	L-FW497
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:	N/A	
Reference Point Notes:	N/A	
PROC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	L-FW497	
Alarm/Trip Set Points:	HIGH ALM @ 70 %/LO ALM @ 43 %	
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 Lsg:	N/A	
Unique System Desc.:		

## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	SG PRESS A
Point ID:	ASGPRESS
Plant Spec Point Desc.:	A S/G AVERAGE PRESSURE
Generic/Cond Desc.:	STEAM GENERATOR A PRESSURE
Analog/Digital:	A
Engr Units/Dig States:	PSIG
Engr Units Conversion:	LINEAR
Minimum Instr Range:	0
Maximum Instr Range:	1400
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	3
How Processed:	BELIEVED VALUE ALGORITHM
Sensor Locations:	P-MS474, P-MS475, P-MS476
Alarm/Trip Set Points:	HI ALM @ 1400 PSIG/LO ALM @ 600 PSIG
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.:	ASGPRESS IS COMPOSED OF THREE LOOP A STEAM GENERATOR PRESSURES. THE POINT CAN BE THE AVERAGE OF THREE, AVERAGE OF TWO OR A SINGLE VALUE DEPENDING ON THE DEVIATION OF THE VALUES.

## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	SG PRESS B
Point ID:	BSGPRESS
Plant Spec Point Desc.:	B S/G AVERAGE PRESSURE
Generic/Cond Desc.:	STEAM GENERATOR B PRESSURE
Analog/Digital:	A
Engr Units/Dig States:	PSIG
Engr Units Conversion:	LINEAR
Minimum Instr Range:	0
Maximum Instr Range:	1400
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	3
How Processed:	BELIEVED VALUE ALGORITHM
Sensor Locations:	P-MS484, P-MS485, P-MS486
Alarm/Trip Set Points:	HI ALM @ 1400 PSIG/LO ALM @ 600 PSIG
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.:	BSGPRESS IS COMPOSED OF THREE LOOP B STEAM GENERATOR PRESSURES. THE POINT CAN BE THE AVERAGE OF THREE, AVERAGE OF TWO OR A SINGLE VALUE DEPENDING ON THE DEVIATION OF THE VALUES.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	SG PRESS C
Point ID:	CSGPRESS
Plant Spec Point Desc.:	C S/G AVERAGE PRESSURE
Generic/Cond Desc.:	STEAM GENERATOR C PRESSURE
Analog/Digital:	A
Engr Units/Dig States:	PSIG
Engr Units Conversion:	LINEAR
Minimum Instr Range:	0
Maximum Instr Range:	1400
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	3
How Processed:	BELIEVED VALUE ALGORITHM
Sensor Locations:	P-MS494, P-MS495, P-MS496
Alarm/Trip Set Points:	HI ALM @ 1400 PSIG/LO ALM @ 600 PSIG
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.:	CSGPRESS IS COMPOSED OF THREE LOOP C STEAM GENERATORS PRESSURES. THE POINT CAN BE THE AVERAGE OF THREE, AVERAGE OF TWO OR A SINGLE VALUE DEPENDING ON THE DEVIATION OF THE VALUES.



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	MN FD FL A
Point ID:	F0403A
Plant Spec Point Desc.:	STM GEN A FW IN 1 FLOW F-FW476
Generic/Cond Desc.:	STM GEN A MAIN FEEDWATER FLOW
Analog/Digital:	A
Engr Units/Dig States:	KLB/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	4612
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	F-FW476
Alarm/Trip Set Points:	H1 ALM @ 4400 KLB/HR/LOW ALM @ -2 KLB/HR
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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
HRC ERDS Parameter:	MN FD FL A
Point ID:	F0404A
Plant Spec Point Desc.:	STM GEN A FW IN 2 FLOW F-FW477
Generic/Cond Desc.:	STM GEN A MAIN FEEDWATER FLOW
Analog/Digital:	A
Engr Units/Dig States:	KLB/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	4512
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	F-FW477
Alarm/Trip Set Points:	HI ALM @ 4400 KLB/HR/LO ALM @ -2 KLB/HR
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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	MN FD FL B
Point ID:	F0423A
Plant Spec Point Desc.:	STM GEN B FW IN 1 FLOW F-FW486
Generic/Cond Desc.:	STM GEN B MAIN FEEDWATER FLOW
Analog/Digital:	A
Engr Units/Dig States:	K/B/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	4612
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	F-FW486
Alarm/Trip Set Points:	HI ALM @ 4400 KLB/HR/LO ALM @ -2 KLB/HR
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:	
Unique System Desc.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	MN FD FL B
P.I. ID:	FD424A
Plant Spec Point Desc.:	STM GEN B FW IN 2 FLOW F-FW487
Generic/Cond Desc.:	STM GEN B MAIN FEEDWATER FLOW
Analog/Digital:	A
Engr Units/Dig States:	KLB/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	4612
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PRDC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	F-FW487
Alarm/Trip Set Points:	H1 ALM @ 4400 KLB/HR/LO ALM @ -2 KLB/HR
NI Detector Power Supply Cut-off Power Level:	N/C
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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	MN FD FL C
Point ID:	FD443A
Plant Spec Point Desc.:	STM GEN C FW IN 1 FLOW F-FW496
Generic/Cond Desc.:	STM GEN C MAIN FEEDWATER FLOW
Analog/Digital:	A
Engr Units/Dig States:	KLB/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	4612
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	.
How Processed:	N/A
Sensor Locations:	F-FW496
Alarm/Trip Set Points:	HI ALM @ 4400 KLB/HR/LO ALM @ -2 KLB/HR
Hi Detector Power Supply Cut-off Power Level:	N/A
Hi 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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	MN FD FL C
Point ID:	FD444A
Plant Spec Point Desc.:	STM GEN C FW IN 2 FLOW F-FW497
Generic/Cond Desc.:	STM GEN C MAIN FEEDWATER FLOW
Analog/Digital:	A
Engr Units/Dig States:	KLB/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	4612
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	F-FW497
Alarm/Trip Set Points:	H1 ALM @ 4400 KLB/HR/LD ALM @ -2 KLB/HR
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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	B:1
Data Feeder:	PVC
NRC ERDS Parameter:	AX FD FL A
Point ID:	F0601A
Plant Spec Point Desc.:	STM GEN A AUX FEED FLOW F-FW100A
Generic/Cond Desc.:	STM GEN A AUXILIARY FW FLOW
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	400
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	F-FW100A
Alarm/Trip Set Poir.:	N/A
N1 Detector Power Supply Cut-off Power Level:	N/A
N1 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.:	



## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	AX FD FL B
Point ID:	F0602A
Plant Spec Point Desc.:	STM GEN B AUX FEED FLOW F-FW100B
Generic/Cond Desc.:	STM GEN B AUXILIARY FW FLOW
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	400
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	F-FW100B
Alarm/Trip Set Points:	N/A
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.:	

CHERRY VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Plant Units:	BV1
Feeder:	PVC
NRC ERDS Parameter:	AX FD FL C
Point ID:	F0603A
Plant Spec Point Desc.:	STM GEN C AUX FEED FLOW F-FW100C
Generic/Cond Desc.:	STM GEN C AUXILIARY FW FLOW
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	400
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	F-FW100C
Alarm/Trip Set Points:	N/A
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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV1	
Data Feeder:	PVC	
NRC ERDS Parameter:	HL TEMP A	
Point ID:	T0419A	
Plant Spec Point Desc.:	RCLA HOT TEMP	T-RC413
Generic/Cond Desc.:	STM GEN A INLET TEMPERATURE	
Analog/Digital:	A	
Engr Units/Dig States:	DEGF	
Engr Units Conversion:	N/A	
Minimum Instr Range:	0	
Maximum Instr Range:	700	
Zero Point Reference:	N/A	
Reference Point Notes:	N/A	
PROC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	T-RC413	
Alarm/Trip Set Points:	H1 ALM @ 650 DEGF/LO ALM @ 32 DEGF	
H1 Detector Power Supply Cut-off Power Level:	N/A	
H1 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.:		

DEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV1	
Data Feeder:	PVC	
NRC ERDS Parameter:	HL TEMP B	
Point ID:	T0439A	
Plant Spec Point Desc.:	RCLB HOT TEMP	T-RC423
Generic/Cond Desc.:	STM GEN B INLET TEMPERATURE	
Analog/Digital:	A	
Engr Units/Dig States:	DEGF	
Engr Units Conversion:	N/A	
Minimum Instr Range:	0	
Maximum Instr Range:	700	
Zero Point Reference:	N/A	
Reference Point Notes:	N/A	
PROC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	T-RC423	
Alarm/Trip Set Points:	H1 ALM @ 650 DEGF/LO ALM @ 32 DEGF	
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.:		

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

BV1 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV1	
Data Feeder:	PVC	
NRC ERDS Parameter:	HL TEMP C	
Point ID:	T0459A	
Plant Spec Point Desc.:	RCLC HOT TEMP	T-RC433
Generic/Cond Desc.:	STM GEN C INLET TEMPERATURE	
Analog/Digital:	A	
Engr Units/Dig States:	DEGF	
Engr Units Conversion:	N/A	
Minimum Instr Range:	0	
Maximum Instr Range:	700	
Zero Point Reference:	N/A	
Reference Point Notes:	N/A	
PROC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	T-RC433	
Alarm/Trip Set Points:	H1 ALM @ 650 DEGF/LO ALM @ 32 DEGF	
N1 Detector Power Supply Cut-off Power Level:	N/A	
N1 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.:		

## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV1 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV1	
Data Feeder:	PVC	
NRC ERDS Parameter:	CL TEMP A	
Point ID:	TD406A	
Plant Spec Point Desc.:	RCLA COLD TEMP	T-RC410
Generic/Cond Desc.:	STM CYN A OUTLET TEMPERATURE	
Analog/Digital:	A	
Engr Units/Dig States:	DEGF	
Engr Units Conversion:	N/A	
Minimum Instr Range:	0	
Maximum Instr Range:	700	
Zero Point References:	N/A	
Reference Point Notes:	N/A	
PRC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	T-RC410	
Alarm/Trip Set Points:	HI ALM @ 650 DEGF/LO ALM @ 32 DEGF	
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.:		

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV1	
Data Feeder:	PVC	
NRC ERDS Parameter:	CL TEMP B	
Point ID:	TD426A	
Plant Spec Point Desc.:	RCLB COLD TEMP	T-RC420
Generic/Cond Desc.:	STM GEN B OUTLET TEMPERATURE	
Analog/Digital:	A	
Engr Units/Dig States:	DEGF	
Engr Units Conversion:	N/A	
Minimum Instr Range:	0	
Maximum Instr Range:	700	
Zero Point Reference:	N/A	
Reference Point Notes:	N/A	
PROC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	T-RC420	
Alarm/Trip Set Points:	HI ALM @ 650 DEGF/LO ALM @ 32 DEGF	
HI Detector Power Supply Cut-off Power Level:	N/A	
HI 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.:		

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV1	
Data Feeder:	PVC	
NRC ERDS Parameter:	CL TEMP C	
Point ID:	T0446A	
Plant Spec Point Desc.:	RCLC COLD TEMP	T-RC430
Generic/Cond Desc.:	STM GEN C OUTLET TEMPERATURE	
Analog/Digital:	A	
Engr Units/Dig States:	DEGF	
Engr Units Conversion:	N/A	
Minimum Instr Range:	0	
Maximum Instr Range:	700	
Zero Point Reference:	N/A	
Reference Point Notes:	N/A	
PR/C or SENS:	S	
Number Of Sensors:	1	
Row Processed:	N/A	
Sensor Locations:	T-RC430	
Alarm/Trip Set Points:	HI ALM @ 650 DEGF/LO ALM @ 32 DEGF	
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.:		



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV1	
Data Feeder:	PVC	
NRC ERDS Parameter:	RCS PRESSURE	
Point ID:	P0498A	
Plant Spec Point Desc.:	RCS LOOP 1 PRESS	PT-RC403
Generic/Cond Desc.:	REACTOR COOLANT SYSTEM PRESSURE	
Analog/Digital:	A	
Engr Units/Dig States:	PSIG	
Engr Units Conversion:	N/A	
Minimum Instr Range:	0	
Maximum Instr Range:	3000	
Zero Point Reference:	N/A	
Reference Point Notes:	N/A	
PROC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	PT-RC403 (INSIDE CNMT)	
Alarm/Trip Set Points:	HI ALM @ 2275 PSIG/LO ALM @ 0 PSIG	
NI Detector Power Supply Cut-off Power Level:	N/A	
NI Detector Power Supply Turn-on Power Level:	N/A	
Instrument Failure MoCs:	LOW	
Temperature Compensation For DP Transmitters:	N	
Level Reference Leg:	N/A	
Unique System Desc.:	PT-RC403 IS RCS WIDE RANGE PRESSURE LOCATED IN CONTAINMENT AND ASSOCIATED WITH THE "A" RCS LOOP PRESSURE.	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV1	
Data Feeder:	PVC	
NRC ERDS Parameter:	RCS PRESSURE	
Point ID:	P0499A	
Plant Spec Point Desc.:	RCS LOOP 3 PRESS	P-RC402
Generic/Cond Desc.:	REACTOR COOLANT SYSTEM PRESSURE	
Analog/Digital:	A	
Engr Units/Dig States:	PSIG	
Engr Units Conversion:	N/A	
Minimum Instr Range:	0	
Maximum Instr Range:	3000	
Zero Point Reference:	N/A	
Reference Point Notes:	N/A	
PROC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	PT-RC402 (INSIDE CNMT)	
Alarm/Trip Set Points:	HI ALM @ 2275 PSIG/LO ALM @ 0 PSIG	
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.:	PT-RC402 IS RCS WIDE RANGE PRESSURE LOCATED IN CONTAINMENT AND ASSOCIATED WITH THE "C" RCS LOOP PRESSURE	

## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	RCS PRESSURE
Point ID:	PZRPRESS
Plant Spec Point Desc.:	PRZ AVERAGE PRESSURE
Generic/Cond Desc.:	REACTOR COOLANT SYSTEM PRESSURE
Analog/Digital:	A
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	1700
Maximum Instr Range:	2500
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	3
How Processed:	BELIEVED VALUE ALGORITHM
Sensor Locations:	P-RC455, P-RC456, P-RC457
Alarm/Trip Set Points:	N/A
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.:	PZRPRESS IS COMPOSED OF THREE PRESSURIZER PRESSURES, THE POINT CAN BE THE AVERAGE OF THREE, AVERAGE OF TWO OR A SINGLE VALUE DEPENDING ON THE DEVIATION OF VALUES.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameters:	PRZR LEVEL
Point ID:	PRZLEVEL
Plant Spec Point Desc.:	PRZ AVERAGE NARROW RANGE LEVEL
Generic/Cond Desc.:	PRIMARY SYSTEM PRESSURIZER LEVEL
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	100
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	3
How Processed:	BELIEVED VALUE POINT
Sensor Locations:	LT-RC459, LT-RC460, LT-RC461
Alarm/Trip Set Points:	HI ALM @ 60 %/LO ALM @ 12 %
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.:	PZRLEVEL IS COMPOSED OF THREE PRESSURIZER LEVELS. THE POINT CAN BE THE AVERAGE OF THREE, AVERAGE OF TWO OR A SINGLE VALUE DEPENDING ON THE DEVIATION OF VALUES.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	RCS CHG/MU
Point ID:	FD128A
Plant Spec Point Desc.:	CHARG PMP DISCH HDR F F-CH122
Generic/Cond Desc.:	PRIMARY SYSTEM CHG OR MU FLOW
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	150
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	F-CH122
Alarm/Trip Set Points:	HI ALM @ 150 GPM/LO ALM @ -5 GPM
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
Un/que System Desc.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV1	
Data Feeder:	PVC	
MRC ERDS Parameter:	HP SI FLOW	
Point ID:	F5943A	
Plant Spec Point Desc.:	BIT NNSI FLOW	F-S1943
Gener./Cond Desc.:	HIGH PRESS SAFETY INJECTION FLOW	
Analog/Digital:	A	
Engr Units/Dig States:	GPM	
Engr Units Conversion:	N/A	
Minimum Instr Range:	0	
Maximum Instr Range:	1000	
Zero Point Reference:	N/A	
Reference Point Notes:	N/A	
PROC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	F-S1943	
Alarm/Trip Set Points:	N/A	
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.:		

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	HP S1 FLOW
Point ID:	F5940A
Plant Spec Point Desc.:	FILL HEADER HYSI FLOW - F-S1940
Generic/Cond Desc.:	HIGH PRESS SAFETY INJECTION FLOW
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	1000
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	F-S1940
Alarm/Trip Set Points:	N/A
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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Plexer:	PVC
NRC ERDS Parameter:	LP S: FLOW
Point ID:	F5945A
Plant Spec Point Desc.:	SI-P-1A DISCHARGE FLOW F-S1945
Generic/Common Desc.:	LOW PRESS SAFETY INJECTION FLOW
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	4000
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	FT-S1945
Alarm/Trip Set Points:	N/A
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.:	



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV1	
Data Feeder:	PVC	
NRC ERDS Parameter:	LP S1 FLOW	
Point ID:	F5966A	
Plant Spec Point Desc.:	S1-P-1B DISCHARGE FLOW	F-S1946
Generic/Cond Desc.:	LOW PRESS SAFETY INJECTION FLOW	
Analog/Digital:	A	
Units/Dia States:	GPM	
Engr Units Conversion:	N/A	
Minimum Instr Range:	0	
Maximum Instr Range:	4000	
Zero Point Reference:	N/A	
Reference Point Notes:	N/A	
PROC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	FT-S1946	
Alarm/Trip Set Points:	N/A	
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.:		

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV1	
Data Feeder:	PVC	
NRC ERDS Parameter:	CNMNT SMP NR	
Point ID:	L0752A	
Plant Spec Point Desc.:	CNMNT SUMP WTR L 3	L-DA100
Generic/Convl Desc.:	CNMNT SUMP NARROW RANGE LEVEL	
Analog/Digital:	A	
Engr Units/Dig States:	IN	
Engr Units Conversion:	N/A	
Minimum Instr Range:	3	
Maximum Instr Range:	15	
Zero Point Reference:	N/A	
Reference Point Notes:	N/A	
PROC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	LT-DA100 (LOCATED 'N CNMT)	
Alarm/Trip Set Points:	H1 ALM @ 8.5 IN/LO ALM @ 3.0 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.:		

## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV1 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV1	
Data Feeder:	PVC	
HRC ERDS Parameter:	CTMNT SMP WR	
Point ID:	L0750A	
Plant Spec Point Desc.:	RECIRC SUMP WTR L 1	L-RS151A
Generic/Cond Desc.:	CTMNT SUMP WIDE RANGE LEVEL	
Analog/Digital:	A	
Engr Units/Dig States:	IN	
Engr Units Conversion:	N/A	
Minimum Instr Range:	0	
Maximum Instr Range:	90	
Zero Point Reference:	N/A	
Reference Point Notes:	N/A	
PROC or SEWS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	LT-RS151A (LOCATED IN CNMT)	
Alarm/Trip Set Points:	N/A	
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.:		

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV1	
Data Feeder:	PVC	
NRC ERDS Parameter:	CTMNT SMP WR	
Point ID:	L0751A	
Plant Spec Point Desc.:	RECIRC SUMP WTR L 2	L-RS151B
Generic/Cond Desc.:	CTMNT SUMP WIDE RANGE LEVEL	
Analog/Digital:	A	
Engr Units/Dig States:	IN	
Engr Units Conversion:	N/A	
Minimum Instr Range:	0	
Maximum Instr Range:	90	
Zero Point Reference:	N/A	
Reference Point Notes:	N/A	
PROC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	LT-RS151B (LOCATED IN CNMT)	
Alarm/Trip Set Points:	N/A	
N1 Detector Power Supply Cut-off Power Level:	N/A	
N1 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.:		

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	XR001
Plant Spec Point Desc.:	1RM-MS-101
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSED
Analog/Digital:	A
Engr Units/Dig States:	uCi/cc
Engr Units Conversion:	N/A
Minimum Instr Range:	0.01
Maximum Instr Range:	4E4
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	CALCULATED
Sensor Locations:	AUX FEEDWATER PUMP TURBINE EXHAUSE
Alarm/Trip Set Points:	N/A
N1 Detector Power Supply Cut-off Power Level:	N/A
N1 Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	MONITOR EFFICIENCY DETERMINED BY RELIEF VALVE POSITION SWITCHES. IF NO VALVES ARE OPEN, THE MONITOR READING DEFAULTS TO 0.02 uCi/cc. INSTANTANEOUS VALUE UPDATED EVERY MINUTE. VALUE IS DENSITY CORRECTED TO ATMOSPHERIC PRESSURE.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	XR002
Plant Spec Point Desc.:	1RM-MS-100A
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	UC1/CC
Engr Units Conversion:	N/A
Minimum Instr Range:	0.01
Maximum Instr Range:	4E4
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	CALCULATED
Sensor Locations:	MAIN STEAM RELIEF LOOP A
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique system Desc.:	MONITOR EFFICIENCY DETERMINED BY RELIEF VALVE POSITION SWITCHES. IF NO VALVES ARE OPEN, THE MONITOR READING DEFAULTS TO 0.02 UC1/CC. INSTANTANEOUS VALUE UPDATED EVERY MINUTE. VALUE IS DENSITY CORRECTED TO ATMOSPHERIC PRESSURE.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	XR003
Plant Spec Point Desc.:	12M-MS-100B
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	UCI/CC
Engr Units Conversion:	N/A
Minimum Instr Range:	0.01
Maximum Instr Range:	4E4
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	CALCULATED
Sensor Locations:	MAIN STEAM RELIEF LOOP B
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation for DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	MONITOR EFFICIENCY DETERMINED BY RELIEF VALVE POSITION SWITCHES. IF NO VALVES ARE OPEN, THE MONITOR READING DEFAULTS TO 0.02 UCI/CC. INSTANTANEOUS VALUE UPDATED EVERY MINUTE. VALUE IS DENSITY CORRECTED TO ATMOSPHERIC PRESSURE.



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	KR004
Plant Spec Point Desc.:	IRM-MS-100C
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	uCi/CC
Engr Units Conversion:	N/A
Minimum Instr Range:	0.01
Maximum Instr Range:	4E4
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	CALCULATED
Sensor Locations:	MAIN STEAM RELIEF LOOP C
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	MONITOR EFFICIENCY DETERMINED BY RELIEF VALVE POSITION SWITCHES. IF NO VALVES ARE OPEN, THE MONITOR READING DEFAULTS TO 0.02 uCi/CC. INSTANTANEOUS VALUE UPDATED EVERY MINUTE. VALUE IS DENSITY CORRECTED TO ATMOSPHERIC PRESSURE.



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	KR006
Plant Spec Point Desc.:	IRM-VS-109 CHS
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	CPM
Engr Units Conversion:	Xe133=1.24E7 CPM/UCI/CC
Minimum Instr Range:	1.0
Maximum Instr Range:	1.2E6
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	VENTILATION VENT
Alarm/Trip Set Points:	HIGH 4.40E2 CPM >BACKGROUND
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS 1 MINUTE AVERAGE. SITE DOSE ASSESSMENT VARIES CPM TO UCI/CC CONVERSION DEPENDING ON WHICH DEFAULT SOURCE TERM WAS SELECTED AND DECAY PERIOD. ALARM SETPOINT CORRESPONDS TO 1MPC AT MOST RESTRICTIVE RECEPTOR PER ODCM.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	ARERAS
RadC ERDS Parameter:	EFF GAS RAD
Point ID:	XR007
Plant Spec Point Desc.:	IRM-VS-109 CH7
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	.
Engr Units/Dig States:	CPM
Engr Units Conversion:	Xe133=3.54E2 CPM/uCi/CC
Minimum Instr Range:	1.0
Maximum Instr Range:	1.2E6
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	VENTILATION VENT
Alarm/Trip Set Points:	HIGH 2.75E2 CPM >BACKGROUND
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS 1 MINUTE AVERAGE. SITE DOSE ASSESSMENT VARIES CPM TO uCi/CC CONVERSION DEPENDING ON WHICH DEFAULT SOURCE TERM WAS SELECTED AND DECAY PERIOD. ALARM SETPOINT CORRESPONDS TO A GENERAL EMERGENCY FOR EIGHT HOURS.

## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	ARFRAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	XR008
Plant Spec Point Desc.:	1RM-VS-109 CH9
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	CPM
Engr Units Conversion:	Xe133=3.95 CPM/uCi/CC
Minimum Instr Range:	1.0
Maximum Instr Range:	1.2E6
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	VENTILATION VENT
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS 1 MINUTE AVERAGE. SITE DOSE ASSESSMENT VARIES CPM TO uCi/CC CONVERSION DEPENDING ON WHICH DEFAULT SOURCE TERM WAS SELECTED AND DECAY PERIOD.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	XR009
Plant Spec Point Desc.:	1RM-VS-110 CH5
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GAS
Analog/Digital:	A
Engr Units/Dig States:	CPM
Engr Units Conversion:	Xe133=1.33E7 CPM/UCI/CC
Minimum Instr Range:	1.0
Maximum Instr Range:	1.2E6
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	SLCRS
Alarm/Trip Set Points:	HIGH 1.01E3 CPM >BACKGROUND
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS 1 MINUTE AVERAGE. SITE DOSE ASSESSMENT VARIES CPM TO UCI/CC CONVERSION DEPENDING ON WHICH DEFAULT SOURCE TERM WAS SELECTED AND DECAY PERIOD. ALARM SETPOINT CORRESPONDS TO 1MPC AT MOST RESTRICTIVE RECEPTOR PER OOCM.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	XR010
Plant Spec Point Desc.:	1RM-VS-110 CH7
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	CPM
Engr Units Conversion:	Xe133=3.01E2 CPM/UCI/CC
Minimum Instr Range:	1.0
Maximum Instr Range:	1.2E6
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	SLCRS
Alarm/Trip Set Points:	HIGH 3.51E2 CPM >BACKGROUND
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS 1 MINUTE AVERAGE. SITE DOSE ASSESSMENT VARIES CPM TO UCI/CC CONVERSION DEPENDING ON WHICH DEFAULT SOURCE TERM WAS SELECTED AND DECAY PERIOD. ALARM SETPOINT CORRESPONDS TO A GENERAL EMERGENCY IF THE RELEASE CONTINUES EIGHT HOURS.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	XR011
Plant Spec Point Desc.:	1RM-VS-110 CH9
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	CPM
Engr Units Conversion:	Xe133=4.87 CPM/uCI/CC
Minimum Instr Range:	1.0
Maximum Instr Range:	1.2E6
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	SLCRS
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS 1 MINUTE AVERAGE. SITE DOSE ASSESSMENT VARIES CPM TO uCI/CC CONVERSION DEPENDING ON WHICH DEFAULT SOURCE TERM WAS SELECTED AND DECAY PERIOD.



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
COMMON BV1/BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	XR013
Plant Spec Point Desc.:	IRM-QW-109 CH5
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	CPM
Engr Units Conversion:	Xe133=1.26E7 CPM/UCI/CC
Minimum Instr Range:	1.0
Maximum Instr Range:	1.2E6
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	PROCESS VENT
Alarm/Trip Set Points:	HIGH 6.6E6 CPM >BACKGROUND
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS 1 MINUTE AVERAGE. SITE DOSE ASSESSMENT VARIES CPM TO UCI/CC CONVERSION DEPENDING ON WHICH DEFAULT SOURCE TERM WAS SELECTED AND DECAY PERIOD. ALARM SETPOINT CORRESPONDS TO 1 MPC AT MOST RESTRICTIVE RECEPTOR PER ODCM.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
COMMON BV1/BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	XR014
Plant Spec Point Desc.:	1RM-GW-109 CH7
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	CPM
Engr Units Conversion:	Xe133=3.00E2 CPM/uCi/CC
Minimum Instr Range:	1.0
Maximum Instr Range:	1.2E6
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	PROCESS VENT
Alarm/Trip Set Points:	N/A
N1 Detector Power Supply Cut-off Power Level:	N/A
N1 Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS 1 MINUTE AVERAGE. SITE DOSE ASSESSMENT VARIES CPM TO UCI/CC CONVERSION DEPENDING ON WHICH DEFAULT SOURCE TERM WAS SELECTED AND DECAY PERIOD.



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
COMMON BV1/BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	XR015
Plant Spec Point Desc.:	TRM-GW-109 CH9
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	CPM
Engr Units Conversion:	Xe133=3.95 CPM/UCI/CC
Minimum Instr Range:	1.0
Maximum Instr Range:	1.2E6
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
Row Processed:	N/A
Sensor Locations:	PROCESS VENT
Alarm/Trip Set Points:	HIGH 1.80E4 CPM >BACKGROUND
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS 1 MINUTE AVERAGE. SITE JOSE ASSESSMENT VARIES CPM TO UCI/CC CONVERSION DEPENDING ON WHICH DEFAULT SOURCE TERM WAS SELECTED AND DECAY PERIOD. ALARM SETPOINT CORRESPONDS TO A GENERAL EMERGENCY IF THE RELEASE CONTINUES FOR EIGHT HOURS.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	EFF LIQ RAD
Point ID:	R0030A
Plant Spec Point Desc.:	LIQUID DISCH RAD MONITOR R-LW-104
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 Not.:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	RM-LW104
Alarm/Trip Set Points:	HI ALM @ 18000 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.:	THE RADIOACTIVE LIQUID WASTE WHICH IS DISCHARGED FROM THE STATION IS CONTINUOUSLY ANALYZED BY AN EFFICIENT MONITOR. THE DETECTOR IS LOCATED IN AN IN-LINE LEAD-SHIELDED SAMPLER.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	4V1	
Data Feeder:	PVC	
NRC ERDS Parameter:	EFF LIQ RAD	
Point ID:	YJ705A	
Plant Spec Point Desc.:	CCW/RS RW DISCH ACT	R-RW100
Generic/Conc 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:	R-RW100	
Alarm/Trip Set Points:	HI ALM @ 349 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.:	THE RADIOACTIVE LIQUID WASTE WHICH IS DISCHARGED FROM THE STATION IS CONTINUOUSLY ANALYZED BY AN EFFICIENT MONITOR. THE DETECTOR IS LOCATED IN AN IN-LINE LEAD-SHIELDED SAMPLER.	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
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:	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:	RW-LW-116
Alarm/Trip Set Points:	H1 ALM @ 61499.9 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.:	THE RADIOACTIVE LIQUID WASTE WHICH IS DISCHARGED FROM THE STATION IS CONTINUOUSLY ANALYZED BY AN EFFICIENT MONITOR. THE DETECTOR IS LOCATED IN AN IN-LINE LEAD-SHIELDED SAMPLER.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	COND A/E RAD
Point ID:	R0029A
Plant Spec Point Desc.:	CONDENSER AIR EJEC 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:	RIS-SV100
Alarm/Trip Set Points:	HI ALM @ 3000CPM/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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameters:	CNTMNT RAD
Point ID:	R0070A
Plant Spec Point Desc.:	CMMT AREA HI RNG RAD1      RIS-RM219A
Generic/Cond Desc.:	RADIATION LEVEL IN CONTAINMENT
Analog/Digital:	A
Engr Units/Dig States:	R/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	1
Maximum Instr Range:	1E7
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	RIS-RM219A
Alarm/Trip Set Points:	HI ALM @ 3 R/HR
HI Detector Power Supply Cut-off Power Level:	N/A
HI 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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
MRC ERDS Parameter:	CNTMNT RAD
Point ID:	R0071A
Plant Spec Point Desc.:	CNMT AREA HI RNG RAD2 RIS-RM219B
Generic/Cond Desc.:	RADIATION LEVEL IN CONTAINMENT
Analog/Digital:	A
Engr Units/Dig States:	R/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	1
Maximum Instr Range:	1E7
Zero Point Reference:	N/A
Reference Point Notes:	1/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	RIS-RM219B
Alarm/Trip Set Points:	HI ALM @ 3 R/HR
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.:	



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV1	
Data Feeder:	PVC	
NRC ERDS Parameter:	CNTMNT RAD	
Point ID:	Y0735A	
Plant Spec Point Desc.:	RX CNMT RAD LOW RNO	R-RM202
Generic/Cond Desc.:	RADIATION LEVEL IN CONTAINMENT	
Analog/Digital:	A	
Engr Units/Dig States:	MR/HR	
Engr Units Conversion:	N/A	
Minimum Instr Range:	0.1	
Maximum Instr Range:	10000	
Zero Point Reference:	N/A	
Reference Point Notes:	N/A	
PROC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	R-RM202	
Alarm/Trip Set Points:	HI ALM @ 147.0 MR/HR	
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.:		



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV1	
Data Feeder:	PVC	
NRC ERDS Parameter:	RCS LTDN RAD	
Point ID:	R0036A	
Plant Spec Point Desc.:	RC LTDN HI RNG ACTIV	R-CH101A
Generic/Cond Desc.:	RAD LEVEL OF RCS LETDOWN LINE	
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	
PRGC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	R-CH101A	
Alarm/Trip Set Points:	HI ALM @ 6.0E5 CPM/LO ALM @ -6.4E3 CPM	
HI Detector Power Supply Cut-off Power Level:	N/A	
HI 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.:		

REAVES VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV1	
Data Feeder:	PVC	
NRC ERDS Parameter:	RCS LTDW RAD	
Point ID:	R0037A	
Plant Spec Point Desc.:	RC LTDW LO RNC ACTIV	R-CH101B
Generic/Cond Desc.:	RAD LEVEL OF RCS LEYDOWN LINE	
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:	R-CH101B	
Alarm/Trip Set Points:	HI ALM @ 4.0E4 CPM/LO ALM @ -6.4E3 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.:		

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	SG BD RAD
Point ID:	R0034A
Plant Spec Point Desc.:	STM GEN BLOWDOWN ACTIV R-BD100
Generic/Cond Desc.:	1 GEN A/B/C BLOWDOWN RAD LEVEL
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:	RIS-BD100
Alarm/Trip Set Points:	HI ALM @ 1230 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 Log:	N/A
Unique System Desc.:	STM GEN A, B, C BLOWDOWN LINES COME INTO A COMMON HEADER WHERE RAD ACTIVITY IS MONITORED BY RIS-BD100.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03 05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	CTMWT FRESS
Point ID:	U1000
Plant Spec Point Desc.:	AVERAGE CNMT PRESSURE 2/3/4
Generic/Cond Desc.:	CONTAINMENT PRESSURE
Analog/Digital:	A
Engr Units/Dig States:	PSIA
Engr Units Conversion:	N/A
Minimum Instr Range:	5
Maximum Instr Range:	70
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	3
How Processed:	BELIEVED VALUE ALGORITHM
Sensor Locations:	P-LM100A, P-LM100B, P-LM100C
Alarm/Trip Set Points:	HI ALM @ 14.7 PSIA/LO ALM @ 9.0 PSIA
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.:	U1000 IS COMPOSED OF THREE CONTAINMENT PRESSURES. THE POINT CAN BE THE AVERAGE OF THREE, AVERAGE OF TWO OR A SINGLE VALUE DEPENDING ON THE DEVIATION OF VALUES.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	CTMNT PRESS
Point ID:	P1008A
Plant Spec Point Desc.:	WIDE RANGE CNRT EXCESS S P-LM101A
Generic/Cond Desc.:	CONTAINMENT PRESSURE
Analog/Digital:	A
Engr Units/Dig States:	PSIA
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	200
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	P-LM101A
Alarm/Trip Set Points:	N/A
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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	CTMNT PRESS
Point ID:	P1009A
Plant Spec Point Desc.:	WIDE RANGE CNMT PRESS 6 P-LM101B
Generic/Cond Desc.:	CONTAINMENT PRESSURE
Analog/Digital:	A
Engr Units/Dig States:	PSIA
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	200
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	P-LM101B
Alarm/Trip Set Points:	N/A
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.:	



## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	CTMNT TEMP
Point ID:	U2080
Plant Spec Point Desc.:	AVG CNMT TEMP - TECHSPEC TRB'S
Generic/Cond Desc.:	CONTAINMENT TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	300
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	5
How Processed:	AVERAGE
Sensor Locations:	T-LM100-4, 7, 13, 15, 16
Alarm/Trip Set Points:	HI ALM @ 103 DEGF/LO ALM @ 32 DEGF
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	HIGH
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	U2080 IS THE AVERAGE OF THE 5 INPUTS.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV\* ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV1	
Data Feeder:	PVC	
NRC ERDS Parameter:	H2 CONC	
Point ID:	C0201A	
Plant Spec Point Desc.:	CNMT HYD CONCENT 1	H-HY101A
Generic/Cond Desc.:	CONTAINMENT HYDROGEN CONC	
Analog/Digital:	A	
Engr Units/Dig States:	%	
Engr Units Conversion:	LINEAR	
Minimum Instr Range:	0	
Maximum Instr Range:	10	
Zero Point Reference:	N/A	
Reference Point Notes:	N/A	
PROC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	H2-HY101A	
Alarm/Trip Set Points:	N/A	
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.:		



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV' ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV1	
Data Feeder:	PVC	
NRC ERDS Parameter:	H2 CONC	
Point ID:	C0202A	
Plant Spec Point Desc.:	CNMT HYD CONCENT 2	H-HY101B
Generic/Cond Desc.:	CONTAINMENT HYDROGEN CONC	
Analog/Digital:	A	
Engr Units/Dig States:	%	
Engr Units Conversion:	LINEAR	
Minimum Instr Range:	0	
Maximum Instr Range:	10	
Zero Point Reference:	N/A	
Reference Point Notes:	N/A	
PROC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	H2-HY101B	
Alarm/Trip Set Points:	N/A	
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 Log:	N/A	
Unique System Desc.:		

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV1 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	PVC
NRC ERDS Parameter:	BWST LEVEL
Point ID:	RWSTLEV
Plant Spec Point Desc.:	RWST AVERAGE LEVEL 1/2/3
Generic/Cond Desc.:	BORATED WATER STORAGE TANK LEVEL
Analog/Digital:	A
Engr Units/Dig States:	FEET
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	55
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	3
How Processed:	BELIEVED VALUE POINT
Sensor Locations:	L-QS100A, L-QS100B, L-QS100C
Alarm/Trip Set Points:	N/A
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.:	BWST AT BV1 IS REFERRED TO AS "REFUELING WATER STORAGE TANK" (RWST) RWSTLEV IS COMPOSED OF THREE RWST LEVELS. THE POINT CAN BE THE AVERAGE OF THREE, AVERAGE OF TWO OR A SINGLE VALUE DEPENDING ON THE DEVIATION OF THE VALUES.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
COMMON BV1/BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	WIND SPEED
Point ID:	XM006
Plant Spec Point Desc.:	WIND SPEED 35' LEVEL
Generic/Cord Desc.:	WIND SPEED AT THE REACTOR SITE
Analog/Digital:	A
Engr Units/Dig States:	MPH
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	50
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	FAILOVER SUBSTITUTION
Sensor Locations:	SITE METEOROLOGICAL TOWER 35' LEVEL
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS THE 15 MINUTE AVERAGE VALUE FOR PRIMARY SENSOR. REDUNDANT SENSOR VALUE SUBSTITUTED IF PRIMARY BAD OR MISSING. SENSORS ARE SAME QUALITY/CALIBRATION. VALUE USED IN DOSE ASSESSMENTS, AS GROUND LEVEL SPEED.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
COMMON BV1/BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	WIND SPEED
Point ID:	XM026
Plant Spec Point Desc.:	WIND SPEED 500' ELEVATION
Generic/Cond Desc.:	WIND SPEED AT THE REACTOR SITE
Analog/Digital:	A
Engr Units/Dig States:	MPH
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	50
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	FAILOVER SUBSTITUTION
Sensor Locations:	SITE METEOROLOGICAL TOWER 500' ELEV
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS THE 15 MINUTE AVERAGE VALUE FOR PRIMARY SENSOR. REDUNDANT SENSOR SUBSTITUTED IF PRIMARY BAD OR MISSING. SENSORS ARE SAME QUALITY/CALIBRATION. VALUE IS DOSE ASSESSMENTS AS ELEVATED WIND SPEED.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
COMMON RV1/BVZ ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	WIND DIR
Point ID:	XM051
Plant Spec Point Desc.:	WIND DIRECTION 150' ELEVATION
Generic/Cond Desc.:	WIND DIRECTION AT REACTOR SITE
Analog/Digital:	A
Engr Units/Dig States:	DEGFR
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	360
Zero Point Reference:	N/A
Reference Point Notes:	N/A
FLDC or JENS:	P
Number Of Sensors:	2
R/W Proceed:	FAILOVER SUBSTITUTION
Sensor Locations:	SITE METEOROLOGICAL TOWER 150' ELEV
Alarm/Trip Set Points:	N/A
#1 Detector Power Supply Cut-off Power Level:	N/A
#1 Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS THE 15 MINUTE AVERAGE VALUE FOR PRIMARY SENSOR. REDUNDANT SENSOR VALUE SUBSTITUTED IF PRIMARY BAD OR MISSING. SENSORS ARE SAME QUALITY CALIBRATION. VALUE USED IN DOSE ASSESSMENTS AS GROUND LEVEL DIRECTION.

BEAVER VALLEY POWER STATION ENDS DATA POINT LIBRARY  
COMMON BV1/BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameters:	WIND DIR
Point ID:	XWD61
Plant Spec Point Desc.:	WIND DIRECTION 500' ELEVATION
Generic/Cond Desc.:	WIND DIRECTION AT REACTOR SITE
Analog/Digital:	A
Engr Units/Dig States:	DEGFR
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	360
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	FAILOVER SUBSTITUTION
Sensor Locations:	SITE METEOROLOGICAL TOWER 500' ELEV
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS THE 15 MINUTE AVERAGE VALUE FOR PRIMARY SENSOR. REDUNDANT SENSOR VALUE SUBSTITUTED IF PRIMARY BAD OR MISSING. SENSORS ARE SAME QUALITY/CALIBRATION. VALUE USED IN DOSE ASSESSMENTS AS GROUND LEVEL DIRECTION.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
COMMON BV1/BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	AREAS
NRC ERDS Parameter:	STAB CLASS
Point ID:	XMOB3
Plant Spec Point Desc.:	STABILITY-GROUND LEVEL
Generic/Cond Desc.:	AIR STABILITY AT REACTOR SITE
Analog/Digital:	A
Engr Units/Dig States:	STAB1
Engr Units Conversion:	N/A
Minimum Instr Range:	1
Maximum Instr Range:	7
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	FAILOVER SUBSTITUTION
Sensor Locations:	SITE METEOROLOGICAL TOWER 35', 150' ELEV
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS BASED ON 15 MINUTE AVERAGE DELTA-T FOR 35' AND 150' TEMPERATURE SENSORS. BASED ON REDUNDANT SENSOR IF PRIMARY BAD OR MISSING. SENSORS ARE SAME QUALITY/CALIBRATION.



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
COMMON BV1/BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	STAB CLASS
Point ID:	XM087
Plant Spec Point Desc.:	STABILITY-ELEVATED
Generic/Cond Desc.:	AIR STABILITY AT REACTOR SITE
Analog/Digital:	A
Enb' Wt' /Dig States:	STAB1
Engr Units Conversion:	N/A
Minimum Instr Range:	1
Maximum Instr Range:	7
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	FAILOVER SUBSTITUTION
Sensor Locations:	SITE METEOROLOGICAL TOWER 35', 500' ELEV
Alarm/Trip Set Points:	N/A
N1 Detector Power Supply Cut-off Power Level:	N/A
N1 Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS BASED ON 15 MINUTE AVERAGE DELTA-T FOR 35' AND 500' TEMPERATURE SENSORS. BASED ON REDUNDANT SENSOR IF PRIMARY BAD OR MISSING. SENSORS ARE SAME QUALITY/CALIBRATION.



ATTACHMENT 2

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV2	
Data Feeder:	ERFCS	
NRC ERDS Parameter:	N1 POWER RNG	
Point ID:	N0049A	
Plant Spec Point Desc.:	PWR RNG CHAN 1 FLUX	NM41F
Generic/Cond Desc.:	NUCLEAR INSTRUMENTS, POWER RANGE	
Analog/Digital:	A	
Engr Units/Dig States:	X	
Engr Units Conversion:	LINEAR	
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 Locations:	EXCORE DETECTOR CH 1 (NM41F)	
Alarm/Trip Set Points:	HI ALM @ 101%/LO ALM @ -1%	
N1 Detector Power Supply Cut-off Power Level:	N/A	
N1 Detector Power Supply Turn-on Power Level:	N/A	
Instrument Failure Mode:	LOW	
Temperature Compensation For DP Transmitters:	N	
Level Reference Log:	N/A	
Unique System Desc.:	PWR RNG LEVEL IS CALIBRATED FROM SECONDARY CALORIMETRIC CALC. TO PROVIDE PERCENT FULL RATE PWR. THE CALC. IS PERFORMED "AT PWR" BY MEASURING THE HEAT TRANSFER RATE ACROSS THE STM GENERATORS AND THEN CALIBRATING THE PWR RNG INDICATION.	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	N1 POWER RNG
Point ID:	ND050A
Plant Spec Point Desc.:	PWR RNG CHAN 2 FLUX NM42F
Generic/Cond Desc.:	NUCLEAR INSTRUMENTS, POWER RANGE
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	LINEAR
Minimum Instr Range:	0
Maximum Instr Range:	170
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	EXCORE DETECTOR CH 2 (NM42F)
Alarm/Trip Set Points:	HI ALM @ 101%/LO ALM @ -1%
N1 Detector Power Supply Cut-off Power Level:	N/A
N1 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.:	POWER RNG LEVEL IS CALIBRATED FROM SECONDARY CALORIMETRIC CALC. TO PROVIDE PERCENT FULL RATED PWR. THE CALC. IS PERFORMED "AT PWR" BY MEASURING THE HEAT TRANSFER RATE ACROSS THE STM GENERATORS AND THEN CALIBRATING THE PWR RNG INDICATION.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	N1 POWER RNG
Point ID:	ND051A
Plant Spec Point Desc.:	PWR RNG CHAN 3 FLUX NM43F
Generic/Cond Desc.:	NUCLEAR INSTRUMENTS, POWER RANGE
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	LINEAR
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
Row Processed:	N/A
Sensor Locations:	EXCORE DETECTOR CH 3 (NM43F)
Alarm/Trip Set Points:	N1 ALM @ 101%/LO ALM @ -1%
N1 Detector Power Supply Cut-off Power Level:	N/A
N1 Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	LOW
Temperature Compensation For DP Transmitters:	N
Level Reference Log:	N/A
Unique System Desc.:	PWR RNG LEVEL IS CALIBRATED FROM SECONDARY CALORIMETRIC CALC. TO PROVIDE PERCENT FULL RATED PWR. THE CALC. IS PERFORMED "AT PWR" BY MEASURING THE HEAT TRANSFER RATE ACROSS THE STM GENERATORS AND THEN CALIBRATING THE PWR RNG INDICATION.

BEAVER VALLEY POWER STATION ERLJ DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV2	
Data Feeder:	ERFCS	
NRC ERDS Parameter:	N1 POWER RNG	
Point ID:	N0052A	
Plant Spec Point Desc.:	PWR RNG CHAN 4 FLUX	NM44F
Generic/Cond Desc.:	NUCLEAR INSTRUMENTS, POWER RANGE	
Analog/Digital:	A	
Engr Units/Dig States:	%	
Engr Units Conversion:	LINEAR	
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 Locations:	EXCORE DETECTOR CH 4 (NM44F)	
Alarm Trip Set Points:	HI ALM @ 101%/LO ALM @ -1%	
N1 Detector Power Supply Cut-off Power Level:	N/A	
N1 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.:	PWR RNG LEVEL IS CALIBRATED FROM SECONDARY CALORIMETRIC CALC. TO PROVIDE PERCENT FULL RATED PWR. THE CALC. IS PERFORMED "AT PWR" BY MEASURING THE HEAT TRANSFER RATE ACROSS THE STM GENERATORS AND THEN CALIBRATING THE PWR RNG INDICATION.	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

BV2 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV2	
Data Feeder:	ERTCS	
MRC ERDS Parameter:	N1 INTER RNG	
Point ID:	ND035A	
Plant Spec Point Desc.:	INT RNG DET 1 FLUX	NM35B
Generic/Cond Desc.:	NUCLEAR INSTRUMENTS, INT RANGE	
Analog/Digital:	A	
Engr Units/Dig Status:	AMP	
Engr Units Conversion:	LOG Y = B/5 (VOLTS) -5	
Minimum Instr Range:	1E-11	
Maximum Instr Range:	1E-3	
Zero Point Reference:	N/A	
Reference Point Notes:	N/A	
PROC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	OUTSIDE REACTOR VESSEL (NM35B)	
Alarm/Trip Set Points:	N/A	
N1 Detector Power Supply Cut-off Power Level:	2/4 PWRNG >10%	
N1 Detector Power Supply Turn-on Power Level:	3/4 PWRNG <10%	
Instrument Failure Mode:	LOW	
Temperature Compensation For DP Transmitters:	N	
Level Reference Leg:	N/A	
Unique System Desc.:	INTERMEDIATE LEVEL INDICATION FROM 10E-11 TO 10E-3 AMPS CORRESPONDS TO ABOUT 10E-6 % TO 10E2 % FULL RATED PWR (DEPENDING ON INSTRUMENT ALIGNMENT). PWR RNG LEVEL INDICATION WILL NOT COME ON SCALE UNTIL REACTOR PWR RISES TO ABOUT 10E-5 AMPS INTERMEDIATE RNG (~ 1 % FULL POWER).	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV2	
Data Feeders:	ERPCS	
NRC ERDS Parameter:	N1 INTER RNG	
Point ID:	N0036A	
Plant Spec Point Desc.:	INT RNG DET 2 FLUX	NM36B
Generic/Cond Desc.:	NUCLEAR INSTRUMENTS, INT RANGE	
Analog/Digital:	A	
Engr Units/Dig States:	AMP	
Engr Units Conversion:	LOG Y = B/5 (VOLTS) -5	
Minimum Instr Range:	1E-11	
Maximum Instr Range:	1E-3	
Zero Point Reference:	N/A	
Reference Point Notes:	N/A	
PROC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	OUTSIDE REACTOR VESSEL (NM36B)	
Alarm/Trip Set Points:	N/A	
N1 Detector Power Supply Cut-off Power Level:	2/4 PWRRNG >10%	
N1 Detector Power Supply Turn-on Power Level:	3/4 PWRRNG <10%	
Instrument Failure Mode:	LOW	
Temperature Compensation for DP Transmitters:	N	
Level Reference Leg:	N/A	
Unique System Desc.:	INTERMEDIATE LEVEL INDICATION FROM 10E-11 TO 10E-3 AMPS CORRESPONDS TO ABOUT 10E-6 % TO 10E2 % FULL RATED POWER (DEPENDING ON INSTRUMENT ALIGNMENT). PWR RNG LEVEL INDICATION WILL NOT COME ON SCALE UNTIL REACTOR POWER RISES TO ABOUT 10E-5 AMPS INTERMEDIATE RANGE (~ 1 % FULL POWER).	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERTCS
NRC ERDS Parameter:	N1 SOURCE RNG
Point ID:	ND031A
Plant Spec Point Desc.:	SOURCE RNG DET 1 FLUX NM31F
Generic/Cond Desc.:	NUCLEAR INSTRUMENTS, SOURCE RANGE
Analog/Digital:	A
Engr Units/Dig States:	CPS
Engr Units Conversion:	LOG Y = 6/5 (VOLTS) -1
Minimum Instr Range:	1
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:	OUTSIDE REACTOR VESSEL (NM31F)
Alarm/Trip Set Points:	N/A
N1 Detector Power Supply Cut-off Power Level:	1/2 INTRNG > 1E-10
N1 Detector Power Supply Turn-on Power Level:	2/2 INTRNG < 1E-10
Instrument Failure Mode:	LOW
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	SOURCE RANGE PROVIDES POWER LEVEL INDICATION FROM ABOUT 10E-10 % TO 10E-4 %. SOURCE RANGE POWER LEVEL IS CALIBRATED FROM 10 TO 10E6 COUNTS PER SECOND.



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

BV2 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV2	
Data Feeder:	ER/CS	
NRC ERDS Parameter:	N1 SOURC RNG	
Point ID:	NU032A	
Plant Spec Point Desc.:	SOURCE RNG DET 2 FLUX	NM32F
Generic/Cond Desc.:	NUCLEAR INSTRUMENTS, SOURCE RANGE	
Analog/Digital:	A	
Engr Units/Dig States:	CPS	
Engr Units Conversion:	LCS Y = 6/5 (VOLTS) -1	
Minimum Instr Range:	1	
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:	OUTSIDE REACTOR VESSEL (NM32F)	
Alarm/Trip Set Points:	N/A	
N1 Detector Power Supply Cut-off Power Level:	1/2INTRNG>1E-10	
N1 Detector Power Supply Turn-on Power Level:	2/2INTRNG<1E-10	
Instrument Failure Mode:	LOW	
Temperature Compensation For DP Transmitters:	N	
Level Reference Leg:	N/A	
Unique System Desc.:	SOURCE RANGE PROVIDES POWER LEVEL INDICATION FROM ABOUT 10E-10 % TO 10E-4 %. SOURCE RANGE POWER LEVEL IS CALIBRATED FROM 10 TO 10E6 COUNTS PER SECOND.	

## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV2 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV2	
Data Feeder:	ERFCS	
NRC ERDS Parameter:	REAC VES LEV	
Point ID:	L0072A	
Plant Spec Point Desc.:	RX WR LVL	RCS*LY1312
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:	PSMS RVLIS ALGORITHM	
Sensor Locations:	2RCS*LY1312	
Alarm/Trip Set Points:	N/A	
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.:	VALUE AND DATA QUALITY RECEIVED OVER DATA LINK FROM PLANT SAFETY MONITORING SYSTEM. VALUE AND DATA QUALITY WILL BE BAD IF REACTOR COOLANT PUMPS OFF.	

## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV2 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV2	
Data Feeder:	ERFCS	
NRC ERDS Parameter:	REAC VES LEV	
Point ID:	L0075A	
Plant Spec Point Desc.:	RX WR LVL	RCS*LT1322
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:	PSMS RVLIS ALGORITHM	
Sensor Locations:	2RCS*LT1322	
Alarm/Trip Set Points:	N/A	
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.:	VALUE AND DATA QUALITY RECEIVED OVER DATA LINK FROM PLANT SAFETY MONITORING SYSTEM. VALUE AND DATA QUALITY WILL BE BAD IF REACTOR COOLANT PUMPS OFF.	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV2	
Data Feeder:	ERFCS	
NRC ERDS Parameter:	REAC VES LEV	
Point ID:	LD071A	
Plant Spec Point Desc.:	RX NR LVL	RCS*LT1311
Generic/Cond Desc.:	REACTOR VESSEL WATER LEVEL	
Analog/Digital:	A	
Engr Units/Dig States:	%	
Engr Units Conversion:	PSMS RVLIS ALGORITHM	
Minimum Instr Range:	0	
Maximum Instr Range:	120	
Zero Point Reference:	N/A	
Reference Point Notes:	N/A	
FRDC or SENS:	S	
Number Of Sensors:	1	
How Processed:	PSMS RVLIS ALGORITHM	
Sensor Locations:	2RCS*LT1311	
Alarm/Trip Set Points:	N/A	
NI Detector Power Supply Cut-off Power Level:	N/A	
NI Detector Power Supply Turn-on Power Level:	N/A	
Instrument Failure Mode:	LDJ	
Temperature Compensation For DP Transmitters:	Y	
Level Reference Leg:	WET	
Unique System Desc.:	VALUE AND DATA QUALITY RECEIVED OVER DATA LINK FROM PLANT SAFETY MONITORING SYSTEM. VALUE AND DATA QUALITY WILL BE BAD IF REACTOR COOLANT PUMPS OFF.	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV2	
Data Feeder:	ERFCS	
NRC ERDS Parameter:	REAC VES LEV	
Point ID:	L0074A	
Plant Spec Point Desc.:	RX NR LVL	RCS*LT1321
Generic/Cond Desc.:	REACTOR VESSEL WATER LEVEL	
Analog/Digital:	A	
Engr Units/Dig States:	%	
Engr Units Conversion:	PSMS RVLIS ALGOR1/HM	
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:	PSMS RVLIS ALGORITHM	
Sensor Locations:	2RCS*LT1312	
Alarm/Trip Set Points:	N/A	
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.:	VALUE AND DATA QUALITY RECEIVED OVER DATA LINK FROM PLANT SAFETY MONITORING SYSTEM. VALUE AND DATA QUALITY WILL BE BAD IF REACTOR COOLANT PUMPS OFF.	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	TEMP CORE EX
Point ID:	UT1003
Plant Spec Point Desc.:	MAX CORE EXIT
Generic/Cond Desc.:	HIGHEST TEMPERATURE AT CORE EXIT
Analog/Digital:	A
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	N/A
Maximum Instr Range:	N/A
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	51
How Processed:	ERFCS ALGORITHM "CET"
Sensor Locations:	CORE EXIT THERMOCOUPLES INPUTS INTO PSMS
Alarm/Trip Set Points:	N/A
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.:	ERFCS ACCEPTS THE INPUTS OF THE COMPENSATED CORE EXIT THERMOCOUPLES (51 TOTAL) VIA DATA LINK FROM THE PLANT SAFETY MONITORING SYSTEM (PSMS). THE SPDS ALGORITHM, "CET", THEN SELECTS THE MAXIMUM CORE EXIT THERMOCOUPLE TEMPERATURE. ALARM LIMITS ARE DEPENDANT ON PLANT CONDITION. ALARM CONDITION WILL BE TRANSMITTED OVER ERDS LINE.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeders:	ERFCS
NRC ERDS Parameter:	SUB MARGIN
Point ID:	UT1002
Plant Spec Point Desc.:	MIN SUBCOOL
Generic/Cond Desc.:	SATURATION TEMP - HIGHEST CET
Analog/Digital:	A
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	N/A
Maximum Instr Range:	N/A
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	0
How Processed:	ERFCS ALGORITHM "DIFF"
Sensor Locations:	PSMS
Alarm/Trip Set Points:	N/A
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.:	ERFCS USES THE AVERAGE WIDE RANGE PRESSURE UP1001 AND THEN DETERMINES T-SAT (UT1005). THE MINIMUM SUBCOOL WITHIN ERFCS THEN IS DETERMINED BY "DIFF" WHICH IS THE DIFFERENCE BETWEEN THE SATURATION TEMPERATURE AND HIGHEST CET OR BASICALLY UT1005-UT1003. ALARM LIMITS VARY WITH PLANT CONDITION. ALARM CONDITION WILL BE TRANSMITTED OVER ERDS LINK.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV2	
Data Feeder:	ERFCS	
NRC ERDS Parameter:	CORE FLOW	
Point ID:	FD400C	
Plant Spec Point Desc.:	RCL A FLW	RCS*FT414
Generic/Cond Desc.:	TOTAL REACTOR COOLANT FLOW	
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:	P	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	2RCS*FT414 (CNMT)	
Alarm/Trip Set Points:	N/A	
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.:		



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV2	
Data Feeder:	ERFCS	
NRC ERDS Parameter:	CORE FLOW	
Point ID:	F04210	
Plant Spec Point Desc.:	RCL B FLW	RCS*FT425
Generic/Cord Desc.:	TOTAL REACTOR COOLANT FLOW	
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:	P	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	2RCS*FT425 (CNMT)	
Alarm/Trip Set Points:	N/A	
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.:		

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV2	
Data Feeder:	ERFCS	
NRC ERDS Parameter:	CORE FLOW	
Point ID:	FD442C	
Plant Spec Point Desc.:	RCL C FLW	RCS*FT436
Generic/Cond Desc.:	TOTAL REACTOR COOLANT FLOW	
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:	P	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	2RCS*FT436 (CNMT)	
Alarm/Trip Set Points:	N/A	
N1 Detector Power Supply Cut-off Power Level:	N/A	
N1 Detector Power Supply Turn-on Power Level:	N/A	
Instrument Failure Mode:	LOW	
Is this a Compensated For DP Transmitters:	N	
Is this a Reference Leg:	N/A	
Unique System Desc.:		

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV2	
Data Feeder:	ERFCS	
NRC ERDS Parameter:	SG LEVEL A	
Point ID:	L0403A	
Plant Spec Point Desc.:	SG 21A WR LVL	FWS*LT477
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:	N/A	
Reference Point Notes:	N/A	
PROC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	2FWS*LT477	
Alarm/Trip Set Points:	HIGH ALM @ 65 %/LO ALM @ 43 %	
N1 Detector Power Supply Cut-off Power Level:	N/A	
N1 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.:		

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV2	
Data Feeder:	ERFCS	
NRC ERDS Parameter:	PG LEVEL B	
Point ID:	LD425A	
Plant Spec Point Desc.:	SG 21B WR LVL	FWS*LT487
Generic/Cond Desc.:	STEAM GENERATOR B 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:	N/A	
Reference Point Notes:	N/A	
PROC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	2FWS*LT487	
Alarm/Trip Set Points:	HIGH ALM @ 65 %/LO ALM @ 43 %	
N1 Detector Power Supply Cut-off Power Level:	N/A	
N1 Detector Power Supply Turn-on Power Level:	N/A	
Instrument Failure Mode:	LDW	
Temperature Compensation For DP Transmitters:	N	
Level Reference Leg:	N/A	
Unique System Desc.:		

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92	
Reactor Unit:	BV2	
Data Feeder:	ERFCS	
NRC ERDS Parameter:	SG LEVEL C	
Point ID:	LD443A	
Plant Spec Point Desc.:	SG 21C WR LVL	FWS*LT497
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:	N/A	
Reference Point Notes:	N/A	
PROC or SENS:	S	
Number Of Sensors:	1	
How Processed:	N/A	
Sensor Locations:	2FWS*LT497	
Alarm/Trip Set Points:	HIGH ALM @ 65 %/LO ALM @ 43 %	
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.:		

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	SG PRESS A
Point ID:	UP1003
Plant Spec Point Desc.:	SG A MAIN STM PRESS AVG
Generic/Cond Desc.:	STEAM GENERATOR A PRESSURE
Analog/Digital:	A
Engr Units/Dig States:	PSIG
Engr Units Conversion:	LINEAR
Minimum Instr Range:	0
Maximum Instr Range:	1400
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC c: SENS:	P
Number Of Sensors:	3
How Processed:	REDUNDANT SENSOR ALGORITHM (RSA)
Sensor Locations:	2MSS*PT474, 2MSS*PT475, 2MSS*PT476
Alarm/Trip Set Points:	HI ALM @ 1300 PSIG
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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	SG PRESS B
Point ID:	UP1004
Plant Spec Point Desc.:	SG B MAIN STM PRESS AVG
Generic/Cond Desc.:	STEAM GENERATOR B PRESSURE
Analog/Digital:	A
Engr Units/Dig States:	PSIG
Engr Units Conversion:	LINEAR
Minimum Instr Range:	0
Maximum Instr Range:	1400
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	3
How Processed:	REDUNDANT SENSOR ALGORITHM (RSA)
Sensor Locations:	2MSS*PT484, 2MSS*PT485, 2MSS*PT486
Alarm/Trip Set Points:	H1 ALM @ 1300 PSIG
H1 Detector Power Supply Cut-off Power Level:	N/A
H1 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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	SG PRESS C
Point ID:	UP1005
Plant Spec Point Desc.:	SG C MAIN STM PRESS AVG
Generic/Cond Desc.:	STEAM GENERATOR C PRESSURE
Analog/Digital:	A
Engr Units/Dig States:	PSI"
Engr Units Conversion:	LINEAR
Minimum Instr Range:	0
Maximum Instr Range:	1400
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	3
How Processed:	REDUNDANT SENSOR ALGORITHM (RSA)
Sensor Locations:	N/A
Alarm/Trip Set Points:	H1 ALM @ 1300 PSIG
N1 Detector Power Supply Cut-off Power Level:	N/A
N1 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.:	



## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	MN FD FL A
Point ID:	UF1001
Plant Spec Point Desc.:	MF FLO SG A AVG
Generic/Cond Desc.:	STM GEN A MAIN FEEDWATER FLOW
Analog/Digital:	A
Engr Units/Dig States:	KLB/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	4612
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	REDUNDANT SENSOR ALGORITHM (RSA)
Sensor Locations:	2FWS*FT476, 2FWS*FT477
Alarm/Trip Set Point:	N/A
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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	MN FD FL B
Point ID:	UF1002
Plant Spec Point Desc.:	MF FLO SG B AVG
Generic/Cond Desc.:	STM GEN B MAIN FEEDWATER FLOW
Analog/Digital:	A
Engr Units/Dig States:	KLB/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	4612
Zero Point Reference:	N/A
Reference Point Notes:	N/A
Pressure SENS:	P
Number of Sensors:	2
How Processed:	REDUNDANT SENSOR ALGORITHM (RSA)
Location:	2FWS*FT486, 2FWS*FT487
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	LDW
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	MN FD FL C
Point ID:	UF1003
Plant Spec Point Desc.:	MF FLD SG C AVG
Generic/Cond Desc.:	STM GEN C MAIN FEEDWATER FLOW
Analog/Digital:	A
Engr Units/Dig States:	KLB/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	4612
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	REDUNDANT SENSOR ALGORITHM (RSA)
Sensor Locations:	2FWS*FT496, 2FWS*FT497
Alarm/Trip Set Points:	N/A
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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	AX FD FL A
Point ID:	UF3000
Plant Spec Point Desc.:	AF FLO SG A
Generic/Cond Desc.:	STM GEN A AUXILIARY FW FLOW
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	200
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	REDUNDANT SENSOR ALGORITHM (RSA)
Sensor Locations:	2FWE*FT100A, 2FW*FT100A1
Alarm/Trip Set Points:	N/A
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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	AX FD FL B
Point ID:	UF3001
Plant Spec Point Desc.:	AF FLO SG B
Generic/Cond Desc.:	STM GEN B AUXILLIARY FW FLOW
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	200
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	REDUNDANT SENSOR ALGORITHM (RSA)
Sensor Locations:	2FWE*FT100B, 2FWE*FT100B1
Alarm/Trip Set Points:	N/A
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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	AX FD FL C
Point ID:	UF3002
Plant Spec Point Desc.:	AF FLO SG C
Generic/Cond Desc.:	STM GEN C AUXILIARY FW FLOW
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	200
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	REDUNDANT SENSOR ALGORITHM (RSA)
Sensor Locations:	2FWE*FT100C, 2FWE*TH100C1
Alarm/Trip Set Points:	N/A
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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	HL TEMP A
Point ID:	T0419A
Plant Spec Point Desc.:	RCL A HOT LEG TEMP
Generic/Cond Desc.:	STM GEN A INLET TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2RCS*1E413 (CNMT)
Alarm/Trip Set Points:	N/A
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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Units:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	HL TEMP B
Point ID:	T0439A
Plant Spec Point Desc.:	RCL B HOT LEG TEMP
Generic/Cond Desc.:	STM GEN B INLET TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2RCS*TE423 (CNMT)
Alarm/Trip Set Points:	N/A
N1 Detector Power Supply Cut-off Power Level:	N/A
N1 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.:	



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	HL TEMP C
Point ID:	TD459A
Plant Spec Point Desc.:	RCL C HL TEMP
Generic/Cond Desc.:	STM GEN C INLET TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2RCS*TE433
Alarm/Trip Set Points:	HI ALM @ 650 DEGF
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.:	

## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV2 ERDS INPUT

Date:	07/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	CL TEMP A
Point ID:	T0406A
Plant Spec Point Desc.:	RCL A COLD LEG TEMP
Generic/Cond Desc.:	STM GEN A OUTLET TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2RCS*1E410
Alarm/Trip Set Points:	N/A
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 Log:	N/A
Unique System Desc.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	CL T <sup>2</sup> MP B
Point ID:	10426A
Plant Spec Point Desc.:	RCL B COLD LEG TEMP
Generic/Cond Desc.:	STM GEN B OUTLET TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2RCS*TE420
Alarm/Trip Set Points:	N/A
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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	CL TEMP C
Point ID:	TD446A
Plant Spec Point Desc.:	RCL C COLD LEG TEMP
Generic/Cond Desc.:	STM GEN C OUTLET TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2RCS*1E430
Alarm/Trip Set Points:	HI ALM @ 650 DEGF
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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	RCS PRESSURE
Point ID:	UP1001
Plant Spec Point Desc.:	RCS WR PRESS
Generic/Cond Desc.:	REACTOR COOLANT SYSTEM PRESSURE
Analog/Digital:	A
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	3000
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	3
How Processed:	REDUNDANT SENSOR ALGORITHM (RSA)
Sensor Locations:	2RCS*PT440, 2RCS*PT441, 2RCS*PT442
Alarm/Trip Set Points:	N/A
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*PT440 IS RCS WIDE RANGE PRESSURE LOCATED OUTSIDE CONTAINMENT AND ASSOCIATED WITH THE "A" RCS LOOP PRESSURE. TRANSMITTER SENSE PRESSURE IS FROM RVLIS CAPILLARY TUBE. PROVIDES INPUT TO SUBCOOLING. ALARM LIMITS ARE VARIABLE DEPENDING ON PLANT CONDITION ALARM CONDITION WILL TRANSMIT OVER THE DATA LINK.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	PRZR LEVEL
Point ID:	UL1000
Plant Spec Point Desc.:	PRZR LEV AVG
Generic/Cond Desc.:	PRIMARY SYSTEM PRESSURIZER LEVEL
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	100
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	3
How Processed:	REDUNDANT SENSOR ALGORITHM (RSA)
Sensor Locations:	2RCS*LT459, 2RCS*LT460, 2RCS*LT461
Alarm/Trip Set Points:	HI ALM @ 92 %/LO ALM @ 14 %
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.:	



## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	RCS CHG/MU
Point ID:	UF1015
Plant Spec Point Desc.:	TOTAL CHARGING FLD
Generic/Cond Desc.:	PRIMARY SYSTEM CHG OR MU FLOW
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	195
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	4
How Processed:	SUM
Sensor Locations:	2CHS-FT122, 124, 127, 130, 154A, 155A, 156A
Alarm/Trip Set Points:	N/A
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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NKC ERDS Parameter:	HP SI FLOW
Point ID:	UF1011
Plant Spec Point Desc.:	H1 SI TOTAL FLOW
Generic/Cond Desc.:	HIGH PRESS SAFETY INJECTION FLOW
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	2000
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	SUM
Sensor Locations:	2S1S*FT940, 2S1S*FT943
Alarm/Trip Set Points:	N/A
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.:	



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	LP SI FLOW
Point ID:	UF1014
Plant Spec Point Desc.:	LO SI FLO
Generic/Cond Desc.:	LOW PRESS SAFETY INJECTION FLOW
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	10,000
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SCNS:	P
Number Of Sensors:	2
How Processed:	SUM
Sensor Locations:	2S1S*FT945, 2S1S*FT946
Alarm/Trip Set Points:	N/A
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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
MRC ERDS Parameter:	CTMNT SMP NR
Point ID:	LD100A
Plant Spec Point Desc.:	CNMT SUMP LVL
Generic/Cond Desc.:	CTMNT SUMP NARROW RANGE LEVEL
Analog/Digital:	A
Engr Units/Dig States:	IN
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	12
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	C
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2DAS*LT220 (LOCATED IN CNMT)
Alarm/Trip Set Points:	H: ALM @ 3.0 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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	CTMNT SMP NR
Point ID:	L0102A
Plant Spec Point Desc.:	CNMT SUMP LVL
Generic/Cond Desc.:	CTMNT SUMP NARROW RANGE LEVEL
Analog/Digital:	A
Engr Units/Dig States:	IN
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	12
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2DA5*LT222 (LOCATED IN CNMT)
Alarm/Trip Set Points:	HI ALM @ 3.0 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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	CTMNT SMP WR
Point ID:	L0750A
Plant Spec Point Desc.:	RX CNMT SUMP LVL
Generic/Cond Desc.:	CTMNT SUMP WIDE RANGE LEVEL
Analog/Digital:	A
Engr Units/Dig States:	IN
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	225
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2RSS*LT151A (LOCATED IN CNMT)
Alarm/Trip Set Points:	H1 ALM @ 3.0 IN
H1 Detector Power Supply Cut-off Power Level:	N/A
H1 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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameters:	CTMNT SMP WR
Point ID:	L0751A
Plant Spec Point Desc.:	RK CNMT SUMP LVL
Generic/Cond Desc.:	CTMNT SUMP WIDE RANGE LEVEL
Analog/Digital:	A
Engr Units/Dig States:	IN
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	225
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2RSS*LT1516 (LOCATED IN CNMT)
Alarm/Trip Set Points:	H1 ALM @ 3.0 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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
COMMON BV1/BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	XR013
Plant Spec Point Desc.:	1RM-GW-109 CH5
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	CPM
Engr Units Conversion:	Xe133=1.26E7 CPM/UCI/CC
Minimum Instr Range:	1.0
Maximum Instr Range:	1.2E6
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	PROCESS VENT
Alarm/Trip Set Points:	HIGH 6.6E6 CPM >BACKGROUND
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on r Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS 1 MINUTE AVERAGE. SITE DOSE ASSESSMENT VARIES CPM TO UCI/CC CONVERSION DEPENDING ON WHICH DEFAULT SOURCE TERM WAS SELECTED AND DECAY PERIOD. ALARM SETPOINT CORRESPONDS TO 1 MPC AT MOST RESTRICTIVE RECEPTOR PER ODCM.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
COMMON BV1/BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	XR014
Plant Spec Point Desc.:	IRM-GW-109 CH7
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	CPM
Engr Units Conversion:	Xe133=3.00E2 CPM/UCI/CC
Minimum Instr Range:	1.0
Maximum Instr Range:	1.2E6
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	PROCESS VENT
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS 1 MINUTE AVERAGE. SITE DOSE ASSESSMENT VARIES CPM TO UCI/CC CONVERSION DEPENDING ON WHICH DEFAULT SOURCE TERM WAS SELECTED AND DECAY PERIOD.



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
COMMON BV1/BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	XR015
Plant Spec Point Desc.:	1RM-GW-109 CH9
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	CPM
Engr Units Conversion:	Xe133=3.65 CPM/uCi/cc
Minimum Instr Range:	1.0
Maximum Instr Range:	1.2E6
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENG:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	PROCESS VENT
Alarm/Trip Set Points:	HIGH 1.80E4 CPM >BACKGROUND
N1 Detector Power Supply Cut-off Power Level:	N/A
N1 Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS 1 MINUTE AVERAGE. SITE DOSE ASSESSMENT VARIES CPM TO uCi/cc CONVERSION DEPENDING ON WHICH DEFAULT SOURCE TERM WAS SELECTED AND DECAY PERIOD. ALARM SETPOINT CORRESPONDS TO A GENERAL EMERGENCY IF THE RELEASE CONTINUES FOR EIGHT HOURS.



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	XR041
Plant Spec Plant Desc.:	2HVS-RQ1101A
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	uCi/CC
Engr Units Conversion:	N/A
Minimum Instr Range:	5.6E-11
Maximum Instr Range:	5.6E-5
Zero Point Reference:	0
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	VENTILATION VENT
Alarm/Trip Set Points:	HIGH 1.4E-8 uCi/CC >BACKGROUND
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation for DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	1 MINUTE AVERAGE DATA. SITE DOSE ASSESSMENT ASSIGNS CORRECTION FACTORS TO THE uCi/CC TO CORRECT FOR SOURCE TERM DIFFERENCES DEPENDING ON SELECTED DEFAULT SOURCE TERM AND DECAY PERIOD.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/09/92
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	XR047
Plant Spec Point Desc.:	2HVS-RQ1101B
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	UCI/CC
Engr Units Conversion:	N/A
Minimum Instr Range:	3.7E-7
Maximum Instr Range:	0.37
Zero Point Reference:	0
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	VENTILATION VENT
Alarm/Trip Set Points:	HIGH 9.04E-5 UCI/CC >BACKGROUND
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	1 MINUTE AVERAGE DATA. SITE DOSE ASSESSMENT ASSIGNS CORRECTION FACTORS TO THE UCI/CL TO CORRECT FOR SOURCE TERM DIFFERENCES DEPENDING ON SELECTED DEFAULT SOURCE TERM AND DECAY PERIOD.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	XR045
Plant Spec Point Desc.:	2HVS-RQ1109A
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	uCi/cc
Engr Units Conversion:	N/A
Minimum Instr Range:	3.3E-11
Maximum Instr Range:	3.3E-5
Zero Point Reference:	0
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	SLCR5
Alarm/Trip Set Points:	HIGH 3.4E-9 uCi/cc >BACKGROUND
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	1 MINUTE AVERAGE DATA. SITE DOSE ASSESSMENT ASSIGNS CORRECTION FACTORS TO THE uCi/cc TO CORRECT FOR SOURCE TERM DIFFERENCES DEPENDING ON SELECTED DEFAULT SOURCE TERM AND DECAY PERIOD.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	XR046
Plant Spec Point Desc.:	ZHVS-RQ1109
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	uCi/CC
Engr Units Conversion:	N/A
Minimum Instr Range:	1.9E-7
Maximum Instr Range:	0.19
Zero Point Reference:	0
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	SLCRS
Alarm/Trip Set Points:	HIGH 3.26E-5 uCi/CC
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	1 MINUTE AVERAGE DATA. SITE DOSE ASSESSMENT ASSIGNS CORRECTION FACTORS TO THE uCi/CC TO CORRECT FOR SOURCE TERM DIFFERENCES DEPENDING ON SELECTED DEFAULT SOURCE TERM AND DECAY PERIOD. THIS IS A MULTI-RANGE MONITOR. LOWEST ONSCALE CHANNEL REPORT.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	XR053
Plant Spec Point Desc.:	2MSS-RQ1101A
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	UCI/CC
Engr Units Conversion:	N/A
Minimum Instr Range:	2.5E-3
Maximum Instr Range:	2.5E3
Zero Point Reference:	0
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	MAIN STEAM RELIEF LOOP A
Alarm/Trip Set Points:	HIGH 3.9E-2 UCI/CC >BACKGROUND
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	1 MINUTE AVERAGE DATA. SITE DOSE ASSESSMENT ASSIGNS CORRECTION FACTORS TO THE UCI/CC TO CORRECT FOR SOURCE TERM DIFFERENCES DEPENDING ON SELECTED DEFAULT SOURCE TERM AND DECAY PERIOD. ONLY READ IF RELEASE ONGOING. DENSITY CORRECTED TO ATMOS PRESS.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	GRERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	KR054
Plant Spec Point Desc.:	2MSS-RQ1101B
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASES
Analog/Digital:	A
Engr Units/Dig States:	UCI/CC
Engr Units Conversion:	N/A
Minimum Instr Range:	2.5E-3
Maximum Instr Range:	2.5E3
Zero Point Reference:	0
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	MAIN STEAM RELIEF LOOP B
Alarm/Trip Set Points:	HIGH 3.9E-2 UCI/CC >BACKGROUND
N1 Detector Power Supply Cut-off Power Level:	N/A
N1 Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	1 MINUTE AVERAGE DATA. SITE DOSE ASSESSMENT ASSIGNS CORRECTION FACTORS TO THE UCI/CC TO CORRECT FOR SOURCE TERM DIFFERENCES DEPENDING ON SELECTED DEFAULT SOURCE TERM AND DECAY PERIOD. ONLY READ IF RELEASE ONGOING. DENSITY CORRECTED TO ATMOS PRESS.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	KR055
Plant Spec Point Desc.:	2MSE-RQ1101C
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	uCi/CC
Engr Units Conversion:	N/A
Minimum Instr Range:	2.5E-3
Maximum Instr Range:	2.5E3
Zero Point Reference:	0
Reference Point Notes:	N/A
PROC o. SENS:	P
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	MAIN STEAM RELIEF LOOP C
Alarm/Trip Set Points:	HIGH 3.9E-2 uCi/CC >BACKGROUND
N1 Detector Power Supply Cut-off Power Level:	N/A
N1 Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	1 MINUTE AVERAGE DATA. SITE DOSE ASSESSMENT ASSIGNS CORRECTION FACTORS TO THE uCi/CC TO CORRECT FOR SOURCE TERM DIFFERENCES DEPENDING ON SELECTED DEFAULT SOURCE TERM AND DECAY PERIOD. ONLY READ IF RELEASE ONGOING. DENSITY CORRECTED TO ATMOS PRESS.



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERTCS
NRC ERDS Parameter:	EFF LIQ RAD
Point ID:	R0094A
Plant Spec Point Desc.:	LIQ WST EFFLUENT
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED LIQ
Analog/Digital:	A
Engr Units/Dig States:	UC1/CC
Engr Units Conversion:	N/A
Minimum Instr Range:	5.1E-8
Maximum Instr Range:	5.1E-2
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2SGC-RQ100
Alarm/Trip Set Points:	N/A
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.:	RAD MONITOR VALUE AND MEASUREMENT CONDITION SUPPLIED BY DATA LINK WITH DIGITAL RADIATION MONITOR SYSTEM (DRMS) ONCE PER MINUTE. DATA QUALITY WILL BE TRANSMITTED OVER THE ERDS LINK.



## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	COND A/E RAD
Point ID:	R0001A
Plant Spec Point Desc.:	AIR EJ DISCH
Generic/Cond Desc.:	COND AIR EJECTOR RADIOACTIVITY
Analog/Digital:	A
Engr Units/Dig States:	uCi/cc
Engr Units Conversion:	N/A
Minimum Instr Range:	1.08E-7
Maximum Instr Range:	1.08E-1
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	ZARC-RQ100
Alarm/Trip Set Points:	N/A
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.:	RAD MONITOR VALUE AND MEASUREMENT CONDITION SUPPLIED BY DATA LINK WITH DIGITAL RADIATION MONITOR SYSTEM (DRMS) ONCE PER MINUTE. DATA QUALITY WILL BE TRANSMITTED OVER THE ERDS LINK.

## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	COND A/E RAD
Point ID:	R0010A
Plant Spec Point Desc.:	AIR EJ OR DELAY BED
Generic/Cond Desc.:	COND AIR EJECTOR RADIOACTIVITY
Analog/Digital:	A
Engr Units/Dig States:	uCi/cc
Engr Units Conversion:	1
Minimum Instr Range:	2.1e-7
Maximum Instr Range:	2.3e-6
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PRDC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2GWS-R0102
Alarm/Trip Set Points:	N/A
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.:	RAD MONITOR VALUE AND MEASUREMENT CONDITION SUPPLIED BY DATA LINK WITH DIGITAL RADIATION MONITOR SYSTEM (DRMS) ONCE PER MINUTE. DATA QUALITY PROPAGATION IS AUTOMATIC DATA QUALITY WILL BE TRANSMITTED OVER THE ERDS LINK.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	CNTMNT RAD
Point ID:	R0086A
Plant Spec Point Desc.:	IN-CMNT AREA HI ENG
Generic/Cond Desc.:	RADIATION LEVEL IN CONTAINMENT
Analog/Digital:	A
Engr Units/Dig States:	R/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	1
Maximum Instr Range:	TEB
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2RMR*RQ206
Alarm/Trip Set Points:	N/A
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.:	RAD MONITOR VALUE AND MEASUREMENT CONDITION SUPPLIED BY DATA LINK WITH DIGITAL RADIATION MONITOR SYSTEM (DRMS) ONCE PER MINUTE. DATA QUALITY WILL BE TRANSMITTED OVER THE ERDS LINK.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	CNTMNT RAD
Point ID:	R0087A
Plant Spec Point Desc.:	IN-CNMT AREA HI RNG
Generic/Cond Desc.:	RADIATION LEVEL IN CONTAINMENT
Analog/Digital:	A
Engr Units/Dig States:	R/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	1
Maximum Instr Range:	1EB
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2RMR*RQ207
Alarm/Trip Set Points:	N/A
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 Log:	N/A
Unique System Desc.:	RAD MONITOR VALUE AND MEASUREMENT CONDITION SUPPLIED BY DATA LINK WITH DIGITAL RADIATION MONITOR SYSTEM (DRMS) ONCE PER MINUTE. DATA QUALITY PROPAGATION IS AUTOMATIC DATA QUALITY WILL BE TRANSMITTED OVER THE ERDS LINK.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	RCS LTDN RAD
Point ID:	R0003A
Plant Spec Point Desc.:	RCS CLNT HI RND 2CHS-RQ101B
Generic/Cond Desc.:	RAD LEVEL OF RCS LETDOWN LINE
Analog/Digital:	A
Engr Units/Dig States:	UC1/CC
Engr Units Conversion:	N/A
Minimum Instr Range:	7.2E-2
Maximum Instr Range:	7.2E4
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	CHS-RQ101B
Alarm/Trip Set Points:	N/A
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.:	RAD MONITOR VALUE AND MEASUREMENT CONDITION SUPPLIED BY DATA LINK WITH DIGITAL RADIATION MONITOR SYSTEM (DRMS) ONCE PER MINUTE. DATA QUALITY PROPAGATION IS AUTOMATIC DATA QUALITY WILL BE TRANSMITTED OVER THE ERDS LINK.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	RCS LTDN RAD
Point ID:	RD002A
Plant Spec Point Desc.:	RCS LTDN LO RNG
Generic/Cond Desc.:	RAD LEVEL OF RCS LETDOWN LINE
Analog/Digital:	A
Engr Units/Dig States:	UCI/CC
Engr Units Conversion:	N/A
Minimum Instr Range:	1.7E-4
Maximum Instr Range:	1.7E2
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	CHS-RQ101A
Alarm/Trip Set Points:	N/A
N1 Detector Power Supply Cut-off Power Level:	N/A
N1 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.:	RAD MONITOR VALUE AND MEASUREMENT CONDITION SUPPLIED BY DATA LINK WITH DIGITAL RADIATION MONITOR SYSTEM (DRMS) ONCE PER MINUTE. DATA QUALITY PROPAGATION IS AUTOMATIC DATA QUALITY WILL BE TRANSMITTED OVER THE ERDS LINK.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	MAIN SL A
Point ID:	W0088A
Plant Spec Point Desc.:	MAIN STM ACTIVITY
Generic/Cond Desc.:	STM GEN A STEAM LINE RAD LEVEL
Analog/Digital:	A
Engr Units/Dig States:	UCI/CC
Engr Units Conversion:	N/A
Minimum Instr Range:	2.5E-3
Maximum Instr Range:	2.5E3
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2MSS*RG101A
Alarm/Trip Set Points:	N/A
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.:	RAD MONITOR VALUE AND MEASUREMENT CONDITION SUPPLIED BY DATA LINK WITH DIGITAL RADIATION MONITORING SYSTEM (DRMS) ONCE PER MINUTE. DATA QUALITY PROPAGATION IS AUTOMATIC. DATA QUALITY WILL BE TRANSMITTED OVER THE ERDS LINK.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	MAIN SL B
Point ID:	R0089A
Plant Spec Point Desc.:	MAIN STM ACTIVITY
Generic/Cond Desc.:	STM GEN B STEAM LINE RAD LEVEL
Analog/Digital:	A
Engr Units/Dig States:	UCI/CC
Engr Units Conversion:	N/A
Minimum Instr Range:	2.5E-3
Maximum Instr Range:	2.5E3
Zero Point References:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2MSS*RQ10TB
Alarm/Trip Set Points:	N/A
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.:	RAD MONITOR VALUE AND MEASUREMENT CONDITION SUPPLIED BY DATA LINK WITH DIGITAL RADIATION MONITOR SYSTEM (DRMS) ONCE PER MINUTE. DATA QUALITY PROPAGATION IS AUTOMATIC DATA QUALITY WILL BE TRANSMITTED OVER THE ERDS LINK.



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	MAIN SL C
Point ID:	R0090A
Plant Spec Point Desc.:	MAIN STM ACTIVITY
Generic/Cond Desc.:	STM GEN C STEAM LINE RAD LEVEL
Analog/Digital:	A
Engr Units/Dig States:	uCi/CC
Engr Units Conversion:	N/A
Minimum Instr Range:	2.5E-3
Maximum Instr Range:	2.5E3
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2MSS*RG101C
Alarm/Trip Set Points:	N/A
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.:	RAD MONITOR VALUE AND MEASUREMENT CONDITION SUPPLIED BY DATA LINK WITH DIGITAL RADIATION MONITOR SYSTEM (DRMS) ONCE PER MINUTE. DATA QUALITY PROPAGATION IS AUTOMATIC DATA QUALITY WILL BE TRANSMITTED OVER THE ERDS LINK.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	SG BD RAD
Point ID:	R0079A
Plant Spec Point Desc.:	SG BLDN SAMPLE
Generic/Cond Desc.:	STM GEN A/B/C BLOWDOWN RAD LEVEL
Analog/Digital:	A
Engr Units/Dig States:	uCi/cc
Engr Units Conversion:	N/A
Minimum Instr Range:	7.7E-8
Maximum Instr Range:	7.7E-2
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2SSR-RQ100
Alarm/Trip Set Points:	N/A
N1 Detector Power Supply Cut-off Power Level:	N/A
N1 Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	LOW
Temp. ...ure Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	STM GEN A, B, C BLOWDOWN LINES COME INTO A COMMON HEADER WHERE RAD ACTIVITY IS MONITORED BY 2SSR-RQ100. RAD MONITOR VALUE AND MEASUREMENT CONDITION SUPPLIED BY DATA LINK WITH DIGITAL RADIATION MONITOR SYSTEM (DRMS) ONCE PER MINUTE. DATA QUALITY PROPAGATION IS AUTOMATIC DATA QUALITY WILL BE TRANSMITTED OVER THE ERDS LINK.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	CTMNT PRESS
Point ID:	UP1000
Plant Spec Point Desc.:	CNMT PRESS AVG
Generic/Cond Desc.:	CONTAINMENT PRESSURE
Analog/Digital:	A
Engr Units/Dig States:	PSIA
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	180
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	REDUNDANT SENSOR ALGORITHM (RSA)
Sensor Locations:	2LMS*PT106A, 2LMS*PT106B
Alarm/Trip Set Points:	H1 ALM @ 59.7 PSIA
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 DESIGN PRESSURE OF BVPS-2 CONTAINMENT IS 8 PSIA TO 45 PSIA.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	CTMNT TEMP
Point ID:	11002A
Plant Spec Point Desc.:	RX CNMT TEMP
Generic/Cond Desc.:	CONTAINMENT TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	300
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2LMS-TE100-2 (CNMT)
Alarm/Trip Set Points:	H1 ALM @ 103.0 DEGF
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	HIGH
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	CMNT TEMP
Point ID:	T100BA
Plant Spec Point Desc.:	RX CMNT TEMP
Generic/Cond Desc.:	CONTAINMENT TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	50
Maximum Instr Range:	130
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2LMS-TE100-B (CMNT)
Alarm/Trip Set Points:	HI ALM @ 103.0 DEGF
HI Detector Power Supply Cut-off Power Level:	N/A
HI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	HIGH
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	CTMNT TEMP
Point ID:	T1013A
Plant Spec Point Desc.:	RX CNMT TEMP
Generic/Cond Desc.:	CONTAINMENT TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	300
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2LMS-TE100-13 (CNMT)
Alarm/Trip Set Points:	H1 ALM @ 103.0 DEGF
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	HIGH
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	CTMNT TEM
Point ID:	T1014A
Plant Spec Point Desc.:	RX CNMT TEMP
Generic/Cond Desc.:	CONTAINMENT TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	300
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2LMS-TE100-14 (CNMT)
Alarm/Trip Set Points:	HI ALM @ 103.0 DEGF
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	HIGH
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	

## BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY

## BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	_RFCS
NRC ERDS Parameter:	CTMNT TEMP
Point ID:	11015A
Plant Spec Point Desc.:	RX CNMT TEMP
Generic/Cond Desc.:	CONTAINMENT TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	300
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2LMS-TE100-15 (CNMT)
Alarm/Trip Set Points:	HI ALM @ 103.0 DEGF
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	HIGH
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	H2 CONC
Point ID:	Y0752A
Plant Spec Point Desc.:	CNMT H2 CONC TRN A
Generic/Cond Desc.:	CONTAINMENT HYDROGEN CONC
Analog/Digital:	A
Engr Units/Dig Stufes:	%
Engr Units Conversion:	LINEAR
Minimum Instr Range:	0
Maximum Instr Range:	10
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2HCS*HA100A
Alarm/Trip Set Points:	H1 ALM @ 6.0 %
H1 Detector Power Supply Cut-off Power Level:	N/A
H1 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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	H2 CONC
Point ID:	Y0753A
Plant Spec Point Desc.:	CNMT H2 CONC TRN B
Generic/Cond Desc.:	CONTAINMENT HYDROGEN CONC
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	LINEAR
Minimum Instr Range:	0
Maximum Instr Range:	10
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	2HCS*HA100B
Alarm/Trip Set Points:	H1 ALM @ 6.0 %
N1 Detector Power Supply Cut-off Power Level:	N/A
N1 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.:	

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
NRC ERDS Parameter:	BWST LEVEL
Point ID:	LD5004
Plant Spec Point Desc.:	RWST LVL
Generic/Cond Desc.:	BORATED WATER STORAGE TANK LEVEL
Analog/Digital:	A
Engr Units/Dig States:	IN
Engr Units Conversion:	LINEAR
Minimum Instr Range:	0
Maximum Instr Range:	730
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	QSS*LT100A
Alarm/Trip Set Points:	LO ALM @ 20.0 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.:	BWST AT BV2 IS REFERED TO AS "REFUELING WATER STORAGE TANK" (RWST).

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ERFCS
MRC ERDS Parameter:	BWST LEVEL
Point ID:	LOS01A
Plant Spec Point Desc.:	RWST LVL
Generic/Cond Desc.:	BORATED WATER STORAGE TANK LEVEL
Analog/Digital:	A
Engr Units/Dig States:	IN
Engr Units Conversion:	LINEAR
Minimum Instr Range:	0
Maximum Instr Range:	730
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number Of Sensors:	1
How Processed:	N/A
Sensor Locations:	QSS*LT10UB
Alarm/Trip Set Points:	LO ALM @ 20.0 IN
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument      ure Mode:	LOW
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	BWST AT BV2 IS REFERED TO AS "REFUELING WATER STORAGE TANK" (RWST).

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
COMMON BV1/BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	WIND SPEED
Point ID:	XMOD6
Plant Spec Point Desc.:	WIND SPEED 35' LEVEL
Generic/Cond Desc.:	WIND SPEED AT THE REACTOR SITE
Analog/Digital:	A
Engr Units/Dig States:	MPH
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	50
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	FAILOVER SUBSTITUTION
Sensor Locations:	SITE METEOROLOGICAL TOWER 35' LEVEL
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS THE 15 MINUTE AVERAGE VALUE FOR PRIMARY SENSOR. REDUNDANT SENSOR VALUE SUBSTITUTED IF PRIMARY BAD OR MISSING. SENSORS ARE SAME QUALITY/CALIBRATION. VALUE USED IN DOSE ASSESSMENTS, AS GROUND LEVEL SPEED.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
COMMON BV1/BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	WIND SPEED
Point ID:	XM026
Plant Spec Point Desc.:	WIND SPEED 500' ELEVATION
Generic/Cond Desc.:	WIND SPEED AT THE REACTOR SITE
Analog/Digital:	A
Engr Units/Dig States:	1/H
Engr Units Conversion:	H/A
Minima Instr Range:	0
Maximum Instr Range:	50
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	FAILOVER SUBSTITUTION
Sensor Locations:	SITE METEOROLOGICAL TOWER 500' ELEV
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Log:	N/A
Unique System Desc.:	POINT IS THE 15 MINUTE AVERAGE VALUE FOR PRIMARY SENSOR. REDUNDANT SENSOR SUBSTITUTED IF PRIMARY BAD OR MISSING. SENSORS ARE SAME QUALITY/CALIBRATION. VALUE IS DOSE ASSESSMENTS AS ELEVATED WIND SPEED.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
COMMON BV1/BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	APERAS
NRC ERDS Parameter:	WIND DIR
Point ID:	XM051
Plant Spec Point Desc.:	WIND DIRECTION 150' ELEVATION
Generic/Cond Desc.:	WIND DIRECTION AT REACTOR SITE
Analog/Digital:	A
Engr Units/Dig States:	D2GFR
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	360
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	FAILOVER SUBSTITUTION
Sensor Locations:	SITE METEOROLOGICAL TOWER 150' ELEV
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS THE 15 MINUTE AVERAGE VALUE FOR PRIMARY SENSOR. REDUNDANT SENSOR VALUE SUBSTITUTED IF PRIMARY BAD OR MISSING. SENSORS ARE SAME QUALITY/CALIBRATION. VALUE USED IN DOSE ASSESSMENTS AS GROUND LEVEL DIRECTION.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
COMMON BV1/BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	WIND DIR
Point ID:	XM061
Plant Spec Point Desc.:	WIND DIRECTION 500' ELEVATION
Generic/Cond Desc.:	WIND DIRECTION AT REACTOR SITE
Analog/Digital:	A
Engr Units/Dig States:	DEGFR
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	360
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	FAILOVER SUBSTITUTION
Sensor Locations:	SITE METEOROLOGICAL TOWER 500' ELEV
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS THE 15 MINUTE AVERAGE VALUE FOR PRIMARY SENSOR. REDUNDANT SENSOR VALUE SUBSTITUTED IF PRIMARY BAD OR MISSING. SENSORS ARE SAME QUALITY/CALIBRATION. VALUE USED IN DOSE ASSESSMENTS AS GROUND LEVEL DIRECTION.



BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
COMMON BV1/BV2 ERDS INPUT

Date:	6/3/05/92
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	STAB CLASS
Point ID:	XM083
Plant Spec Point Desc.:	STABILITY-GROUND LEVEL
Generic/Cond Desc.:	AIR STABILITY AT REACTOR SITE
Analog/Digital:	A
Engr Units/Dig State.:	STAB1
Engr Units Conversion:	N/A
Minimum Instr Range:	1
Maximum Instr Range:	7
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	FAILOVER SUBSTITUTION
Sensor Locations:	SITE METEOROLOGICAL TOWER 35', 150' ELEV
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference leg:	N/A
Unique System Desc.:	POINT IS BASED ON 15 MINUTE AVERAGE DELTA-T FOR 35' AND 150' TEMPERATURE SENSORS. BASED ON REDUNDANT SENSOR IF PRIMARY BAD OR MISSING. SENSORS ARE SAME QUALITY/CALIBRATION.

BEAVER VALLEY POWER STATION ERDS DATA POINT LIBRARY  
COMMON BV1/BV2 ERDS INPUT

Date:	03/05/92
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	STAB CLASS
Point ID:	XMOB7
Plant Spec Point Desc.:	STABILITY-ELEVATED
Generic/Cond Desc.:	AIR STABILITY AT REACTOR SIYE
Analog/Digital:	A
Engr Units/Dig States:	STABI
Engr Units Conversion:	N/A
Minimum Instr Range:	1
Maximum Instr Range:	7
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number Of Sensors:	2
How Processed:	FAILOVER SUBSTITUTION
Sensor Locations:	SITE METEOROLOGICAL TOWER 35', 500' ELEV
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	DEPENDS ON FAILURE MODE
Temperature Compensation For DP Transmitters:	N
Level Reference Leg:	N/A
Unique System Desc.:	POINT IS BASED ON 15 MINUTE AVERAGE DELTA-T FOR 35' AND 500' TEMPERATURE SENSORS. BASED ON REDUNDANT SENSOR IF PRIMARY BAD OR MISSING. SENSORS ARE SAME QUALITY/CALIBRATION.