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

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

Attachment 1 provides revised pages for the Emergency Response Data System (ERDS) Data Point Library (DPL) required by 10 CFR 50, Appendix E, Section VI. The revised pages replace information for all data points provided by the Atmospheric Radioactive Effluent Release Assessment System (ARERAS) computer for both Beaver Valley Power Station, Unit No. 1 and Unit No. 2. Attachment 2 is a table describing the changes reflected in the DPL. The changes are a result of a comprehensive review of the DPL against ARERAS computer data provided to the ERDS.

No regulatory commitments are contained in this submittal. If you have any questions concerning the DPL changes, please contact Mr. Henry L. Hegrat, Supervisor, Licensing at 330-315-6944.

Sincerely,

L. W. Pearce

L. William Pearce

Attachments

c: Mr. T. G. Colburn, NRR Sr. Project Manager
Mr. T. Kardaras, USNRC Incident Response Division
Mr. P. C. Cataldo, NRC Sr. Resident Inspector
Mr. S. J. Collins, NRC Region I Administrator

A026

ATTACHMENT 1
DATA POINT LIBRARY
REPLACEMENT PAGES

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	WIND-SPEED1
Point ID:	XM006
Plant Spec Point Desc.:	WIND SPEED 35' 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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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. Ref: Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	WIND-SPEED2
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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. Ref: Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	WIND-DIR1
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
PROC or SENS:	P
Number of Sensors:	2
How Processed:	FAILOVER SUBSTITUTION
Sensor Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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. Wind direction 0 is North. Wind direction is direction from which wind is coming. Ref: Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	WIND-DIR2
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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. Wind direction 0 is North. Wind direction is direction from which wind is coming. Ref: Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	STAB-CLASS1
Point ID:	XM083
Plant Spec Point Desc.:	STABILITY-GROUND LEVEL
Generic/Cond Desc.:	AIR STABILITY AT REACTOR SITE
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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. Stability classes 1 thru 7 correspond to stability classes A to G. Ref: Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	STAB-CLASS2
Point ID:	XM087
Plant Spec Point Desc.:	STABILITY-ELEVATED
Generic/Cond Desc.:	AIR STABILITY AT REACTOR SITE
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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. Stability classes 1 thru 7 correspond to stability classes A thru G. Ref: Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EXTRA11
Point ID:	XR001
Plant Spec Point Desc.:	1RM-MS-101
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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.:	RM-1MS-101 monitors the activity in one of the two exhaust lines of the turbine driven auxiliary feed pump. High activity alarms alert the operator to abnormal conditions. Monitor is a gamma scintillation detector. Ref: Op Manual Chapter 43; RM-421-1; Ref: Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EXTRA12
Point ID:	XR002
Plant Spec Point Desc.:	1RM-MS-100A
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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.:	RM-1MS-100A monitors the activity in the discharge path of Main Steam Relief Loop A when the Atmospheric Dump Valve or Main Steam Safety Valves discharge to the environment. Detector located in discharge piping downstream of the lowest lift setpoint Main Steam Safety Valve and the Atmospheric Dump Valve on Main Steam Relief Loop A. Ref: Op Manual Chapter 43; RM-421-1; Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EXTRA13
Point ID:	XR003
Plant Spec Point Desc.:	1RM-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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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.:	RM-1MS-100B monitors the activity in the discharge path of Main Steam Relief Loop B when the Atmospheric Dump Valve or Main Steam Safety Valves discharge to the environment. Detector located in discharge piping downstream of the lowest lift setpoint Main Steam Safety Valve and the Atmospheric Dump Valve on Main Steam Relief Loop B. Ref: Op Manual Chapter 43; RM-421-1; Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EXTRA14
Point ID:	XR004
Plant Spec Point Desc.:	1RM-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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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.:	RM-1MS-100C monitors the activity in the discharge path of Main Steam Relief Loop C when the Atmospheric Dump Valve or Main Steam Safety Valves discharge to the environment. Detector located in discharge piping downstream of the lowest lift setpoint Main Steam Safety Valve and the Atmospheric Dump Valve on Main Steam Relief Loop C. Ref: Op Manual Chapter 43; RM-421-1; Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	12/4/1992
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF-GAS-RAD1
Point ID:	XR005
Plant Spec Point Desc.:	1RM-VS-109 CH5
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
Alarm/Trip Set Points:	HIGH 879 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 10 CFR 20 Limits at most restrictive receptor per ODCM. RM-1VS-109 monitors for low range noble gases at the discharge of the Auxiliary Building shielded area exhaust fans and at the discharge of the Containment Refueling and Purge Exhaust Fan (during refueling). Provides alarms to warn the operator of abnormal releases and provides input to compute integrated release data. Ref: Op Manual Chapter 43; RM-416-1; Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	12/4/1992
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF-GAS-RAD2
Point ID:	XR006
Plant Spec Point Desc.:	1RM-VS-109 CH7
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
Alarm/Trip Set Points:	HIGH <= 669 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. RM-1VS-109 Channel 7 monitors for mid range noble gases at the discharge of the Auxiliary Building Shielded Area Exhaust Fans and at the discharge of the Containment Refueling and Purge Exhaust Fan (during refueling). This SPING monitor provides alarms to warn the operator of abnormal releases and provides input to compute integrated release data. Ref: Op Manual Chapter 43; RM-416-1; Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	12/4/1992
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF-GAS-RAD3
Point ID:	XR007
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
Alarm/Trip Set Points:	13.2
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. RM-1VS-109 Channel 9 monitors for high range noble gases at the discharge of the Auxiliary Building Shielded Area Exhaust Fans and at the discharge of the Containment Refueling and Purge Exhaust Fan (during refueling). This SPING monitor provides alarms to warn the operator of abnormal releases and provides input to compute integrated release data. Ref: Op Manual Chapter 43; RM-416-1; Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF-GAS-RAD4
Point ID:	XR009
Plant Spec Point Desc.:	1RM-VS-110 CH5
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
Alarm/Trip Set Points:	HIGH 2030 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 10 CFR 20 Limits at most restrictive receptor per ODCM. RM-1VS-110 Channel 5 monitors for low range noble gases at the discharge of the Leak Collection Area Exhaust Fans before the Elevated Release Vent. This SPING monitor provides alarms to warn the operator of abnormal releases and provides input to compute integrated release data. Ref: Op Manual Chapter 43; RM-416-1; Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF-GAS-RAD5
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
Alarm/Trip Set Points:	HIGH <= 798 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 8 hours. RM-1VS-110 Channel 7 monitors for mid range noble gases at the discharge of the Leak Collection Area Exhaust Fans before the Elevated Release Vent. This SPING monitor provides alarms to warn the operator of abnormal releases and provides input to compute integrated release data. Ref: Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF-GAS-RAD6
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
Alarm/Trip Set Points:	22.8
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. RM-1VS-110 Channel 9 monitors for high range noble gases at the discharge of the Leak Collection Area Exhaust Fans before the Elevated Release Vent. This SPING monitor provides alarms to warn the operator of abnormal releases and provides input to compute integrated release data. Ref: Op Manual Chapter 43; RM-416-1; Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EXTRA15
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
Alarm/Trip Set Points:	HIGH 3.6E5 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 10 CFR 20 Limits at most restrictive receptor per ODCM. RM-1GW-109 Channel 5 monitors for low range noble gases at the discharge of the gaseous waste disposal blowers. This SPING monitor provides alarms to warn the operator of abnormal releases and provides input to compute integrated release data. Ref: Op Manual Chapter 43; RM-419-1; Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EXTRA16
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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. RM-1GW-109 Channel 7 monitors for mid range noble gases at the discharge of the gaseous waste disposal blowers. This SPING monitor provides alarms to warn the operator of abnormal releases and provides input to compute integrated release data. Ref: Op Manual Chapter 43; RM-419-1; Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV1
Data Feeder:	ARERAS
NRC ERDS Parameter:	EXTRA17
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=3.95 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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
Alarm/Trip Set Points:	HIGH 1.83E5 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 for eight hours. RM-1GW-109 Channel 9 monitors for High Range noble gases at the discharge of the Gaseous Waste Disposal Blowers. The monitor provides alarms to warn the operator of abnormal releases and provides input to compute integrated release data. Ref: Op Manual Chapter 43; RM-419-1; Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	WIND-SPEED1
Point ID:	XM006
Plant Spec Point Desc.:	WIND SPEED 35' 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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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. Ref: Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	WIND-SPEED2
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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. Ref: Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	WIND-DIR1
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
PROC or SENS:	P
Number of Sensors:	2
How Processed:	FAILOVER SUBSTITUTION
Sensor Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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. Wind direction 0 is North. Wind direction is direction from which wind is coming. Ref: Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	WIND-DIR2
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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. Wind direction 0 is North. Wind direction is direction from which wind is coming. Ref: Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	STAB-CLASS1
Point ID:	XM083
Plant Spec Point Desc.:	STABILITY-GROUND LEVEL
Generic/Cond Desc.:	AIR STABILITY AT REACTOR SITE
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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. Stability classes 1 thru 7 correspond to stability classes A to G. Ref: Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	STAB-CLASS2
Point ID:	XM087
Plant Spec Point Desc.:	STABILITY-ELEVATED
Generic/Cond Desc.:	AIR STABILITY AT REACTOR SITE
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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. Stability classes 1 thru 7 correspond to stability classes A thru G. Ref: Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	EXTRA15
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
Alarm/Trip Set Points:	HIGH 3.6E5 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 10 CFR 20 Limits at most restrictive receptor per ODCM. RM-1GW-109 Channel 5 monitors for low range noble gases at the discharge of the gaseous waste disposal blowers. This SPING monitor provides alarms to warn the operator of abnormal releases and provides input to compute integrated release data. Ref: Op Manual Chapter 43; RM-419-1; Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	EXTRA16
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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. RM-1GW-109 Channel 7 monitors for mid range noble gases at the discharge of the gaseous waste disposal blowers. This SPING monitor provides alarms to warn the operator of abnormal releases and provides input to compute integrated release data. Ref: Op Manual Chapter 43; RM-419-1; Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	EXTRA17
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=3.95 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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
Alarm/Trip Set Points:	HIGH 1.83E5 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 for eight hours. RM-1GW-109 Channel 9 monitors for High Range noble gases at the discharge of the Gaseous Waste Disposal Blowers. The monitor provides alarms to warn the operator of abnormal releases and provides input to compute integrated release data. Ref: Op Manual Chapter 43; RM-419-1; Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF-GAS-RAD1
Point ID:	XR041
Plant Spec Point Desc.:	2HVS-RQI101A
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
Alarm/Trip Set Points:	HIGH 1.67E-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/cc to correct for source term differences depending on selected default source term and decay period. 2HVS*RQI101A monitors the airborne activity between the discharge of the Leak Collection Normal Exhaust Fans and the Ventilation Vent. A High activity signal will isolate the Purge System and indicate to the operator the need to divert flow through the Filter Banks. Note: The instrument ranges provide nominal values based on a default monitor conversion factor. Therefore, the "Minimum Instr Range" and "Maximum Instr Range" may not reflect the actual instrument ranges due to minor dynamic changes to the monitor conversion factor. Ref: Op Manual Chapter 43; TLD-43-068; RM-416-1; Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF-GAS-RAD2
Point ID:	XR042
Plant Spec Point Desc.:	2HVS-RQI101B
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
Alarm/Trip Set Points:	HIGH 1.81E-4 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. 2HVS*RQI101B monitors the airborne activity between the discharge of the Leak Collection Normal Exhaust Fans and the Ventilation Vent. A High activity signal will isolate the Purge System and indicate to the operator the need to divert flow through the Filter Banks. Note: The instrument ranges provide nominal values based on a default monitor conversion factor. Therefore, the "Minimum Instr Range" and "Maximum Instr Range" may not reflect the actual instrument ranges due to minor dynamic changes to the monitor conversion factor. Ref: Op Manual Chapter 43; TLD-43-068; RM-416-1; Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF-GAS-RAD3
Point ID:	XR045
Plant Spec Point Desc.:	2HVS-RQI109A
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
Alarm/Trip Set Points:	HIGH 9.84E-6 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. 2HVS*RQI109A monitors the airborne activity between the discharge of the Leak Collection Filter Exhaust Fans and the Elevated Release Exhaust Line. This sample is composed of effluent from the Auxiliary and Fuel Buildings, after it has passed through Main Filter Banks in the SLCRS system before being discharged to atmosphere. Note: The instrument ranges provide nominal values based on a default monitor conversion factor. Therefore, the "Minimum Instr Range" and "Maximum Instr Range" may not reflect the actual instrument ranges due to minor dynamic changes to the monitor conversion factor. Ref: Op Manual Chapter 43; TLD-43-068; RM-416-2; Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	3/3/1993
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	EFF-GAS-RAD4
Point ID:	XR046
Plant Spec Point Desc.:	2HVS-RQI109
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	uCi/cc
Engr Units Conversion:	N/A
Minimum Instr Range:	2.45E-7
Maximum Instr Range:	1.0E+5
Zero Point Reference:	0
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	1
How Processed:	N/A
Sensor Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
Alarm/Trip Set Points:	HIGH 1.77E3 uCi/SEC
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. 2HVS*RQI109B, C and D monitors the gaseous activity between the discharge of the leak collection filter exhaust fans and the elevated release exhaust line. This sample is composed of effluent from the Auxiliary and Fuel Buildings, after it has passed through the Main Filter Banks in the SLCRS system before being discharged to atmosphere. Note: The instrument ranges provide nominal values based on a default monitor conversion factor. Therefore, the "Minimum Instr Range" and "Maximum Instr Range" may not reflect the actual instrument ranges due to minor dynamic changes to the monitor conversion factor. Ref: Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	EXTRA9
Point ID:	XR053
Plant Spec Point Desc.:	2MSS-RQI101A
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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 atmospheric pressure. Note: The instrument ranges provide nominal values based on a default monitor conversion factor. Therefore, the "Minimum Instr Range" and "Maximum Instr Range" may not reflect the actual instrument ranges due to minor dynamic changes to the monitor conversion factor. Ref: Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	EXTRA10
Point ID:	XR054
Plant Spec Point Desc.:	2MSS-RQI101B
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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 atmospheric pressure. Note: The instrument ranges provide nominal values based on a default monitor conversion factor. Therefore, the "Minimum Instr Range" and "Maximum Instr Range" may not reflect the actual instrument ranges due to minor dynamic changes to the monitor conversion factor. Ref: Calculation Package ERS-SFL-92-024; CR 04-05484

BEAVER VALLEY POWER STATION
ERDS DATA POINT LIBRARY

Date:	11/14/1992
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	EXTRA11
Point ID:	XR055
Plant Spec Point Desc.:	2MSS-RQI101C
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 Location:	SEE UNIQUE SYSTEM DESCRIPTION FIELD
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 atmospheric pressure. Note: The instrument ranges provide nominal values based on a default monitor conversion factor. Therefore, the "Minimum Instr Range" and "Maximum Instr Range" may not reflect the actual instrument ranges due to minor dynamic changes to the monitor conversion factor. Ref: Calculation Package ERS-SFL-92-024; CR 04-05484

ATTACHMENT 2
TABULATION OF CHANGES
TO
DATA POINT LIBRARY

CHANGES TO DATA POINT LIBRARY

Reactor Unit	DPL Point(s)	Change
BV-1	XM006, XM026, XM051, XM061, XM083, XM087, XR001, XR002, XR003, XR004, XR005, XR006, XR007, XR009, XR010, XR011, XR013, XR014,XR015,	Reference background calculation document for all BV-1 ARERAS points and the Condition Report that identify the required DPL revision. Revised the Section "Unique System Desc" to include reference to Calculation Package No. ERS-SFL-92-024 and Condition Report CR 04-05484.
	XR001	BV-1 ARERAS point XR001 [RM-MS-101] is revised to comply with Calculation No. ERS-SFL-92-024 and procedure 1-HPP-4.02.009 as follows: "Engr Units/Dig States" from "CPM" to "uCi/cc" and "Alarm/Trip Set Points from "<=650" to "N/A".
	XR002	BV-1 ARERAS point XR002 [RM-MS-100A] is revised to comply with Calculation No. ERS-SFL-92-024 and procedure 1-HPP-4.02.009 as follows: "Engr Units/Dig States" from "CPM" to "uCi/cc" , "Alarm/Trip Set Points from "<=50" to "N/A". Also revised to remove reference to isotope (Xe-133) since the monitor is not limited to only detecting this isotope.
	XR003	BV-1 ARERAS point XR003 [RM-MS-100B] is revised to comply with Calculation No. ERS-SFL-92-024 and procedure 1-HPP-4.02.009 as follows: "Engr Units/Dig States" from "CPM" to "uCi/cc", "Alarm/Trip Set Points from "<=50" to "N/A". Also revised to remove reference to isotope (Xe-133) since the monitor is not limited to only detecting this isotope.
	XR004	BV-1 ARERAS point XR004 [RM-MS-100C] is revised to comply with BVPS Calculation No. ERS-SFL-92-024 and procedure 1-HPP-4.02.009 as follows: "Engr Units/Dig States" from "CPM" to "uCi/cc" , "Alarm/Trip Set Points from "<=50" to "N/A". Also revised to remove reference to isotope (Xe-133) since the monitor is not limited to only detecting this isotope.
	XR007	BV-1 ARERAS point XR007 [RM-VS-109 CH9] is revised to comply with procedure 1-HPP-4.02.010 as follows: "Alarm/Trip Set Points revised from "N/A" to "13.2".
	XR011	BV-1 ARERAS point XR011 [RM-VS-110 CH9] is revised to comply with procedure 1-HPP-4.02.010 as follows: "Alarm/Trip Set Points revised from "N/A" to "22.8".

CHANGES TO DATA POINT LIBRARY

Reactor Unit	DPL Point(s)	Change
BV-2	XM006, XM026, XM051, XM061, XM083, XM087, XR013, XR014, XR015, XR041, XR042, XR045, XR046, XR053, XR054, XR055	Reference background calculation document for all BV-2 ARERAS points and the Condition Report that identify the required DPL revision. Revised the Section "Unique System Desc" to include reference to Calculation Package No. ERS-SFL-92-024 and Condition Report CR 04-05484.
	XR041, XR042, XR045, XR046, XR053, XR054, XR055	These BV-2 ARERAS points include nominal values for Minimum Instr Range" and "Maximum Instr Range" for DRMS radiation monitors. In regards to this, the Section "Unique System Desc" is revised to add the following information: "Note: The instrument ranges provide nominal values based on a default monitor conversion factor. Therefore, the "Minimum Instr Range" and "Maximum Instr Range" may not reflect the actual instrument ranges due to minor dynamic changes to the monitor conversion factor."
	XR041	BV-2 ARERAS point XR041 [2HVS-RQI101A] is revised to remove reference to isotope (Xe-133) since the monitor is not limited to only detecting this isotope.
	XR042	BV-2 ARERAS point XR042 [2HVS-RQI101B] is revised to comply with Calculation No. ERS-SFL-92-024 as follows: "Engr Units Conversion" from "3.65E-8 uCi/cc/CPM" to "N/A". Also revised to remove reference to isotope (Kr-85) since the monitor is not limited to only detecting this isotope.
	XR045	BV-2 ARERAS point XR045 [2HVS-RQI109A] is revised to remove reference to isotope (Xe-131) since the monitor is not limited to only detecting this isotope.
	XR046	BV-2 ARERAS point XR046 [2HVS-RQI109] is revised to comply with Calculation No. ERS-SFL-92-024 as follows: "Engr Units/Dig States" from "uCi/SEC" to "uCi/cc" and "Engr Units Conversion" from "1.94E-8 uCe/cc/CPM" to "N/A". Also revised to remove reference to isotope (Xe-133) since the monitor is not limited to only detecting this isotope.