## Attachment L-17-285

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# Summary of Changes to Data Point Library Page 1

Reactor		
Unit	DPL Point	Description of Change(s)
		Create new point named R0019A_2 with same fields as XR041_2.
BV2	R0019A_2	Date: changed to "8/23/17", Data Feeder: changed to "PCS"
		Create new point named R0020A_2 with same fields as XR042_2.
BV2	R0020A_2	Date: changed to "8/23/17", Data Feeder: changed to "PCS"
		Create new point named R0015A_2 with same fields as XR045_2.
BV2	R0015A_2	Date: changed to "8/23/17", Data Feeder: changed to "PCS"
		Create new point named R0093A_2 with same fields as XR046_2. Date: changed to
BV2	R0093A_2	"8/23/17", Data Feeder: changed to "PCS", Units: changed to "uCi/S"
		Create new point named R0091A_2 with same fields as XR053_2. Date: changed to
BV2	R0091A_2	"8/23/17", Data Feeder: changed to "PCS", Units: changed to "uCi/S"
		Create new point named R0098A_2 with same fields as XR054_2. Date: changed to
BV2	R0098A_2	"8/23/17", Data Feeder: changed to "PCS", Units: changed to "uCi/S"
		Create new point named R0099A_2 with same fields as XR055_2. Date: changed to
BV2	R0099A_2	"8/23/17", Data Feeder: changed to "PCS", Units: changed to "uCi/S"
		Date: changed to "8/23/17"
		Unique System Desc.: "Point deleted per ECP-14-0466"
BV2	XRO41_2	Clear all other fields except Date, Reactor Unit, Data Feeder, Point ID.
		Date: changed to "8/23/17"
		Unique System Desc.: "Point deleted per ECP-14-0466"
BV2	XR042_2	Clear all other fields except Date, Reactor Unit, Data Feeder, Point ID.
		Date: changed to "8/23/17"
		Unique System Desc.: "Point deleted per ECP-14-0466"
BV2	XR046_2	Clear all other fields except Date, Reactor Unit, Data Feeder, Point ID.
		Date: changed to "8/23/17"
		Unique System Desc.: "Point deleted per ECP-14-0466"
BV2	XR045.2	Clear all other fields except Date, Reactor Unit, Data Feeder, Point ID.
		Date: changed to "8/23/17"
		Unique System Desc.: "Point deleted per ECP-14-0466"
BV2	XR053 2	Clear all other fields except Date, Reactor Unit, Data Feeder, Point ID.
		Date: changed to "8/23/17"
		Unique System Desc.: "Point deleted per ECP-14-0466"
BV2	XR054 2	Clear all other fields except Date. Reactor Unit. Data Feeder. Point ID
ļ	····	Date: changed to "8/23/17"
		Unique System Desc.: "Point deleted per FCP-14-0466"
BV2	XR055 2	Clear all other fields excent Date Reactor Unit Data Feeder Point ID
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### Enclosure L-17-285

# Beaver Valley Power Station ERDS Data Point Library, Updated Pages (14 pages follow)

Date: 8/23/2017

Reactor Unit: BV2

Data Feeder: ARERAS

NRC ERDS Parameter:

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Point ID: XR041

Plant Spec Point Desc.:

Generic/Cond Desc.:

Analog/Digital:

Engr Units/Dig States:

Engr Units Conversion:

Minimum Instr Range:

Maximum Instr Range:

Zero Point Reference:

Reference Point Notes:

PROC or SENS:

Number of Sensors:

How Processed:

Sensor Location:

Alarm/Trip Set Points:

NI Detector Power Supply Cut-Off Power Level:

NI Detector Power Supply Turn-ON Power Level:

Instrument Failure Mode:

Temperature Compensation for DP Transmitters:

Level Reference Leg:

Date: 8/23/2017 Reactor Unit: BV2 Data Feeder: ARERAS

NRC ERDS Parameter:

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Point ID: XR042

Plant Spec Point Desc.:

Generic/Cond Desc.:

Analog/Digital:

Engr Units/Dig States:

Engr Units Conversion:

Minimum Instr Range:

Maximum Instr Range:

Zero Point Reference:

Reference Point Notes:

PROC or SENS:

Number of Sensors:

How Processed:

Sensor Location:

Alarm/Trip Set Points:

NI Detector Power Supply Cut-Off Power Level:

NI Detector Power Supply Turn-ON Power Level:

Instrument Failure Mode:

Temperature Compensation for DP Transmitters:

Level Reference Leg:

Date: 8/23/2017

Reactor Unit: BV2

Data Feeder: ARERAS

NRC ERDS Parameter:

Point ID: XR045

Plant Spec Point Desc.:

Generic/Cond Desc.:

Analog/Digital:

Engr Units/Dig States:

Engr Units Conversion:

Minimum Instr Range:

Maximum Instr Range:

Zero Point Reference:

Reference Point Notes:

PROC or SENS:

Number of Sensors:

How Processed:

Sensor Location:

Alarm/Trip Set Points:

NI Detector Power Supply Cut-Off Power Level:

NI Detector Power Supply Turn-ON Power Level:

Instrument Failure Mode:

Temperature Compensation for DP Transmitters:

Level Reference Leg:

Unique System Desc.: Point deleted per ECP-14-0466

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Date: 8/23/2017 Reactor Unit: BV2 Data Feeder: ARERAS NRC ERDS Parameter: Point ID: XR046 Plant Spec Point Desc.: Generic/Cond Desc.: Analog/Digital: Engr Units/Dig States: Engr Units Conversion: Minimum Instr Range: Maximum Instr Range: Zero Point Reference: **Reference Point Notes:** PROC or SENS: Number of Sensors: How Processed: Sensor Location: Alarm/Trip Set Points: NI Detector Power Supply Cut-Off Power Level: NI Detector Power Supply Turn-ON Power Level: Instrument Failure Mode: Temperature Compensation for DP Transmitters: Level Reference Leg:

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Date: 8/23/2017

Reactor Unit: BV2

Data Feeder: ARERAS

NRC ERDS Parameter:

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Point ID: XR053

Plant Spec Point Desc.:

Generic/Cond Desc.:

Analog/Digital:

Engr Units/Dig States:

Engr Units Conversion:

Minimum Instr Range:

Maximum Instr Range:

Zero Point Reference:

Reference Point Notes:

PROC or SENS:

Number of Sensors:

How Processed:

Sensor Location:

Alarm/Trip Set Points:

NI Detector Power Supply Cut-Off Power Level:

N! Detector Power Supply Turn-ON Power Level:

Instrument Failure Mode:

Temperature Compensation for DP Transmitters:

Level Reference Leg:

Date: 8/23/2017 Reactor Unit: BV2 Data Feeder: ARERAS NRC ERDS Parameter: Point ID: XR054 Plant Spec Point Desc.: Generic/Cond Desc.: Analog/Digital: Engr Units/Dig States: Engr Units Conversion: Minimum Instr Range: Maximum Instr Range: Zero Point Reference: **Reference Point Notes:** PROC or SENS: Number of Sensors: How Processed: Sensor Location: Alarm/Trip Set Points:

NI Detector Power Supply Cut-Off Power Level:

NI Detector Power Supply Turn-ON Power Level:

Instrument Failure Mode:

Temperature Compensation for DP Transmitters:

Level Reference Leg:

Date:	8/23/2017
Reactor Unit:	BV2
Data Feeder:	ARERAS
NRC ERDS Parameter:	
Point ID:	XR055
Plant Spec Point Desc.:	
Generic/Cond Desc.:	
Analog/Digital:	
Engr Units/Dig States:	
Engr Units Conversion:	
Minimum Instr Range:	
Maximum Instr Range:	
Zero Point Reference:	
Reference Point Notes:	
PROC or SENS:	
Number of Sensors:	
How Processed:	
Sensor Location:	

Alarm/Trip Set Points:

NI Detector Power Supply Cut-Off Power Level:

NI Detector Power Supply Turn-ON Power Level:

Instrument Failure Mode:

Temperature Compensation for DP Transmitters:

Level Reference Leg:

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Date:	8/23/2017
Reactor Unit:	BV2
Data Feeder:	PCS
NRC ERDS Parameter:	EFF-GAS-RAD1
Point ID:	R0019A
Plant Spec Point Desc.:	2HVS-RQI101A
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED PARTIC
Analog/Digital:	A
Engr Units/Dig States:	uCi/cc
Engr Units Conversion:	N/A
Minimum Instr Range:	3.24E-10
Maximum Instr Range:	3.24E-4
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 9.71E-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:	Ν
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

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Date:	8/23/2017
Reactor Unit:	BV2
Data Feeder:	PCS
NRC ERDS Parameter:	EFF-GAS-RAD2
Point ID:	R0020A
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:	0.372
Zero Point Reference:	0
Reference Point Notes:	N/A
PROC or SENS:	Р
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:	Ν
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.

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Date:	8/23/2017
Reactor Unit:	BV2
Data Feeder:	PCS
NRC ERDS Parameter:	EFF-GAS-RAD3
Point ID:	R0015A
Plant Spec Point Desc.:	2HVS-RQI109A
Generic/Cond Desc .:	RADIOACTIVITY OF RELEASED PARTIC
Analog/Digital:	A
Engr Units/Dig States:	uCi/cc
Engr Units Conversion:	N/A
Minimum Instr Range:	3.24E-10
Maximum Instr Range:	3.24E-4
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 2.59E-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:	Ν
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.

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Date:	8/23/2017
Reactor Unit:	BV2
Data Feeder:	PCS
NRC ERDS Parameter:	EFF-GAS-RAD4
Point ID:	R0093A
Plant Spec Point Desc.:	2HVS-RQI109
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	Α
Engr Units/Dig States:	uCi/S
Engr Units Conversion:	N/A
Minimum Instr Range:	2.5E-7
Maximum Instr Range:	8.9E+4
Zero Point Reference:	0
Reference Point Notes:	N/A
PROC or SENS:	Р
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:	Ν
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

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Date:	8/23/2017
Reactor Unit:	BV2
Data Feeder:	PCS
NRC ERDS Parameter:	EXTRA9
Point ID:	R0091A
Plant Spec Point Desc.:	2MSS-RQI101A
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	uCi/S
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:	Р
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:	Ν
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.

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Date:	8/23/2017
Reactor Unit:	BV2
Data Feeder:	PCS
NRC ERDS Parameter:	EXTRA10
Point ID:	R0098A
Plant Spec Point Desc.:	2MSS-RQI101B
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASES
Analog/Digital:	A
Engr Units/Dig States:	uCi/S
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:	Р
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:	Ν
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.

Date:	8/23/2017
Reactor Unit:	BV2
Data Feeder:	PCS
NRC ERDS Parameter:	EXTRA11
Point ID:	R0099A
Plant Spec Point Desc.:	2MSS-RQI101C
Generic/Cond Desc.:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	uCi/S
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:	Р
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:	Ν
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.

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