

# WOLF CREEK

NUCLEAR OPERATING CORPORATION

Otto L. Maynard  
Vice President Plant Operations

April 6, 1994  
WO 94-0041

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Mail Station P1-137  
Washington, D. C. 20555


Subject: Docket No. 50-482: Changes to Wolf Creek Generating  
Station Radiological Emergency Response Data System  
(ERDS) Data Point Library (DPL)

Gentlemen:

This letter transmits changes to Wolf Creek Generating Station's (WCGS) DPL. The alarm limits were changed as a result of a change in the power rating for Wolf Creek Generating Station. Also included are editorial changes to change the label PORV to ATMOS. The changes are being transmitted as replacement pages to update the DPL transmitted on December 17, 1993. This submittal is being made in accordance with 10 CFR 50, Appendix E, VI.3.a. These changes were implemented March 10 and March 25, 1994.

If you have any questions concerning this submittal, please contact me at (316) 364-8831, extension 4450 or Mr. Kevin J. Moles at extension 4565.

Very truly yours,



Otto L. Maynard

OLM/jra

Attachment

cc: L. J. Callan (NRC), w/a  
G. A. Pick (NRC), w/a  
W. D. Reckley (NRC), w/a  
L. A. Yandell (NRC), w/a

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## DATA POINT LIBRARY REFERENCE FILE

DATE: (8)	03/10/94
Reactor Unit: (3)	WC1
Data Feeder: (10)	N/A
NRC ERDS Parameter: (12)	CL TEMP 1/A
Point ID: (12)	BBT0413B
Plant Spec Point Desc.: (40)	RCL1 WIDE RNG COLD LEG T
Generic/Cond Desc.: (32)	N/A
Analog/Digital: (1)	A
Engr Units/Dig States: (12)	DEGF
Engr Units Conversion: (40)	N/A
Minimum Instr Range: (10)	0
Maximum Instr Range: (10)	700
Zero Point Reference: (6)	N/A
Reference Point Notes: (40)	N/A
PROC or SENS: (1)	S
Number of Sensors: (3)	1
How Processed: (40)	N/A
Sensor Locations: (40)	INSIDE CTMT ON LOOP 1 OF RCS
Alarm/Trip Set Points: (40)	N/A
NI Detector Power Supply	
Cut-off Power Level: (15)	N/A
NI Detector Power Supply	
Turn-on Power Level: (15)	N/A
Instrument Failure Mode: (30)	LOW=LOP
Temperature Compensation	
for DP Transmitters: (1)	N/A
Level Reference Leg: (3)	N/A
Unique System Desc.: (100)	LOOP 1 COLD LEG RTD IS BBTE413B

### COMPUTER ALARMS

<u>MODE</u>	<u>HIHI</u>	<u>HI</u>	<u>LO</u>	<u>LOLO</u>
FP	570.0	565.0	553.8	551.0
LP	570.0	565.0	556.0	551.0
HS	570.0	565.0	355.0	350.0
HC	350.0	345.0	205.0	200.0
CS	200.0	195.0	NA	NA
RF	140.0	135.0	NA	NA

## DATA POINT LIBRARY REFERENCE FILE

DATE: (8)	03/10/94
Reactor Unit: (3)	WC1
Data Feeder: (10)	N/A
NRC ERDS Parameter: (12)	CL TEMP 2/B
Point ID: (12)	BBT0423B
Plant Spec Point Desc.: (40)	RCL2 WIDE RNG COLD LEG T
Generic/Cond Desc.: (32)	N/A
Analog/Digital: (1)	A
Engr Units/Dig States: (12)	DEGF
Engr Units Conversion: (40)	N/A
Minimum Instr Range: (10)	0
Maximum Instr Range: (10)	700
Zero Point Reference: (6)	N/A
Reference Point Notes: (40)	N/A
PROC or SENS: (1)	S
Number of Sensors: (3)	1
How Processed: (40)	N/A
Sensor Locations: (40)	INSIDE CTMT ON LOOP 2 OF RCS
Alarm/Trip Set Points: (40)	N/A
NI Detector Power Supply Cut-off Power Level: (15)	N/A
NI Detector Power Supply Turn-on Power Level: (15)	N/A
Instrument Failure Mode: (30)	LOW=LOP
Temperature Compensation for DP Transmitters: (1)	N/A
Level Reference Leg: (3)	N/A
Unique System Desc.: (100)	LOOP 2 COLD LEG TEMP RTD BBTE423B

### COMPUTER ALARMS

<u>MODE</u>	<u>HIHI</u>	<u>HI</u>	<u>LO</u>	<u>LOLO</u>
FP	570.0	565.0	553.8	551.0
LP	570.0	565.0	556.0	551.0
HS	570.0	565.0	355.0	350.0
HC	350.0	345.0	205.0	200.0
CS	200.0	195.0	NA	NA
RF	140.0	135.0	NA	NA

## DATA POINT LIBRARY REFERENCE FILE

DATE: (8) 03/10/94  
 Reactor Unit: (3) WC1  
 Data Feeder: (10) N/A  
 NRC ERDS Parameter: (12) CL TEMP 3/C  
 Point ID: (12) BBT0433B  
 Plant Spec Point Desc.: (40) RCL3 WIDE RNG COLD LEG T  
 Generic/Cond Desc.: (32) N/A  
 Analog/Digital: (1) A  
 Engr Units/Dig States: (12) DEGF  
 Engr Units Conversion: (40) N/A  
 Minimum Instr Range: (10) 0  
 Maximum Instr Range: (10) 700  
 Zero Point Reference: (6) N/A  
 Reference Point Notes: (40) N/A  
 PROC or SENS: (1) S  
 Number of Sensors: (3) 1  
 How Processed: (40) N/A  
 Sensor Locations: (40) INSIDE CTMT ON LOOP 3 OF RCS  
 Alarm/Trip Set Points: (40) N/A  
 NI Detector Power Supply  
 Cut-off Power Level: (15) N/A  
 NI Detector Power Supply  
 Turn-on Power Level: (15) N/A  
 Instrument Failure Mode: (30) LOW=LOP  
 Temperature Compensation  
 for DP Transmitters: (1) N/A  
 Level Reference Leg: (3) N/A  
 Unique System Desc.: (100) LOOP 3 COLD LEG TEMP RTD BBTE433B

COMPUTER ALARMS				
<u>MODE</u>	<u>HIHI</u>	<u>HI</u>	<u>LO</u>	<u>LOLO</u>
FP	570.0	565.0	553.8	551.0
LP	570.0	565.0	556.0	551.0
HS	570.0	565.0	355.0	350.0
HC	350.0	345.0	205.0	200.0
CS	200.0	195.0	NA	NA
RF	140.0	135.0	NA	NA

## DATA POINT LIBRARY REFERENCE FILE

DATE: (8)	03/10/94
Reactor Unit: (3)	WC1
Data Feeder: (10)	N/A
NRC ERDS Parameter: (12)	CL TEMP 4/D
Point ID: (12)	BBT0443B
Plant Spec Point Desc.: (40)	RCL4 WIDE RNG COLD LEG T
Generic/Cond Desc.: (32)	N/A
Analog/Digital: (1)	A
Engr Units/Dig States: (12)	DEGF
Engr Units Conversion: (40)	N/A
Minimum Instr Range: (10)	0
Maximum Instr Range: (10)	700
Zero Point Reference: (6)	N/A
Reference Point Notes: (40)	N/A
PROC or SENS: (1)	S
Number of Sensors: (3)	1
How Processed: (40)	N/A
Sensor Locations: (40)	INSIDE CTMT ON LOOP 4 OF RCS
Alarm/Trip Set Points: (40)	N/A
NI Detector Power Supply	
Cut-off Power Level: (15)	N/A
NI Detector Power Supply	
Turn-on Power Level: (15)	N/A
Instrument Failure Mode: (30)	LOW=LOP
Temperature Compensation	
for DP Transmitters: (1)	N/A
Level Reference Leg: (3)	N/A
Unique System Desc.: (100)	LOOP 4 COLD LEG TEMP RTD IS BBTE443B

### COMPUTER ALARMS

<u>MODE</u>	<u>HIHI</u>	<u>HI</u>	<u>LO</u>	<u>LOLO</u>
FP	570.0	565.0	553.8	551.0
LP	570.0	565.0	556.0	551.0
HS	570.0	565.0	355.0	350.0
HC	350.0	345.0	205.0	200.0
CS	200.0	195.0	NA	NA
RF	140.0	135.0	NA	NA

## DATA POINT LIBRARY REFERENCE FILE

DATE: (8)	03/25/94
Reactor Unit: (3)	WC1
Data Feeder: (10)	N/A
NRC ERDS Parameter: (12)	MAIN SL 4/D
Point ID: (12)	ABN0111
Plant Spec Point Desc.: (40)	STM LINE D ATMOS DISCH
Generic/Cond Desc.: (32)	N/A
Analog/Digital: (1)	A
Engr Units/Dig States: (12)	MR/HR
Engr Units Conversion: (40)	N/A
Minimum Instr Range: (10)	1
Maximum Instr Range: (10)	10E5
Zero Point Reference: (6)	N/A
Reference Point Notes: (40)	N/A
PROC or SENS: (1)	S
Number of Sensors: (3)	1
How Processed: (40)	THROUGH RMS SYSTEM
Sensor Locations: (40)	OUTSIDE NEXT TO D S/G PORV PLUME
Alarm/Trip Set Points: (40)	HI = .1500E3 LO AT .1500E2
NI Detector Power Supply	
Cut-off Power Level: (15)	N/A
NI Detector Power Supply	
Turn-on Power Level: (15)	N/A
Instrument Failure Mode: (30)	LOW/LOC=LOP
Temperature Compensation	
for DP Transmitters: (1)	N/A
Level Reference Leg: (3)	N/A
Unique System Desc.: (100)	MEASURES THE STEAM PLUME RADIATION DO NOT HAVE INLINE MONITORS. RMS MONITOR ABRE111



## DATA POINT LIBRARY REFERENCE FILE

DATE: (8)	03/25/94
Reactor Unit: (3)	WC1
Data Feeder: (10)	N/A
NRC ERDS Parameter: (12)	MAIN SL 3/C
Point ID: (12)	ABN0112
Plant Spec Point Desc.: (40)	STM LINE C ATMOS DISCH
Generic/Cond Desc.: (32)	N/A
Analog/Digital: (1)	A
Engr Units/Dig States: (12)	MR/HR
Engr Units Conversion: (40)	N/A
Minimum Instr Range: (10)	1
Maximum Instr Range: (10)	10E5
Zero Point Reference: (6)	N/A
Reference Point Notes: (40)	N/A
PROC or SENS: (1)	S
Number of Sensors: (3)	1
How Processed: (40)	THROUGH RMS SYSTEM
Sensor Locations: (40)	OUTSIDE NEXT TO C S/G PORV PLUME
Alarm/Trip Set Points: (40)	HI = .1500E3 LO = .1500E2
NI Detector Power Supply	
Cut-off Power Level: (15)	N/A
NI Detector Power Supply	
Turn-on Power Level: (15)	N/A
Instrument Failure Mode: (30)	LOW/LOC=LOP
Temperature Compensation	
for DP Transmitters: (1)	N/A
Level Reference Leg: (3)	N/A
Unique System Desc.: (100)	MEASURES THE STEAM PLUME RADIATION DO NOT HAVE INLINE MONITORS. RMS MONITOR ABRE112

## DATA POINT LIBRARY REFERENCE FILE

DATE: (8)	03/25/94
Reactor Unit: (3)	WC1
Data Feeder: (10)	N/A
NRC ERDS Parameter: (12)	MAIN SL 2/B
Point ID: (12)	ABN0113
Plant Spec Point Desc.: (40)	STM LINE B ATMOS DISCH
Generic/Cond Desc.: (32)	N/A
Analog/Digital: (1)	A
Engr Units/Dig States: (12)	MR/HR
Engr Units Conversion: (40)	N/A
Minimum Instr Range: (10)	1
Maximum Instr Range: (10)	10E5
Zero Point Reference: (6)	N/A
Reference Point Notes: (40)	N/A
PROC or SENS: (1)	S
Number of Sensors: (3)	1
How Processed: (40)	THROUGH RMS SYSTEM
Sensor Locations: (40)	OUTSIDE NEXT TO B S/G PLUME
Alarm/Trip Set Points: (40)	HI = .1500E3 LO = .1500E2
NI Detector Power Supply	
Cut-off Power Level: (15)	N/A
NI Detector Power Supply	
Turn-on Power Level: (15)	N/A
Instrument Failure Mode: (30)	LOC/LOW=LOP
Temperature Compensation	
for DP Transmitters: (1)	N/A
Level Reference Leg: (3)	N/A
Unique System Desc.: (100)	MEASURES THE STEAM PLUME RADIATION DO NOT HAVE INLINE MONITORS. RMS MONITOR ABRE113.



## DATA POINT LIBRARY REFERENCE FILE

DATE: (8)	03/25/94
Reactor Unit: (3)	WC1
Data Feeder: (10)	N/A
NRC ERDS Parameter: (12)	MAIN SL 1/A
Point ID: (12)	ABN0114
Plant Spec Point Desc.: (40)	STM LINE A ATMOS DISCH
Generic/Cond Desc.: (32)	N/A
Analog/Digital: (1)	A
Engr Units/Dig States: (12)	MR/HR
Engr Units Conversion: (40)	N/A
Minimum Instr Range: (10)	1
Maximum Instr Range: (10)	10E5
Zero Point Reference: (6)	N/A
Reference Point Notes: (40)	N/A
PROC or SENS: (1)	S
Number of Sensors: (3)	1
How Processed: (40)	THROUGH RMS SYSTEM
Sensor Locations: (40)	NEXT TO A S/G PORV DUMP
Alarm/Trip Set Points: (40)	HI = .1500E3 LO = .1500E2
NI Detector Power Supply	
Cut-off Power Level: (15)	N/A
NI Detector Power Supply	
Turn-on Power Level: (15)	N/A
Instrument Failure Mode: (30)	LOC/LOW=LOP
Temperature Compensation	
for DP Transmitters: (1)	N/A
Level Reference Leg: (3)	N/A
Unique System Desc.: (100)	MEASURES THE STEAM PLUME RADIATION DO NOT HAVE INLINE MONITORS RMS MONITOR ABRE0114