Union Electric
Callaway Plant

PO Box 620
Fulton, MO 65251

April 19, 2000

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Stop P1-137
Washington, DC 20555-0001

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ULNRC-4224

Gentlemen:

DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
UNION ELECTRIC CO.
FACILITY OPERATING LICENSE NPF-30
Callaway Plant ERDS Data Point Library Revisions
Ref: 1) 10 CFR 50, Appendix E.VI.3.a
2) NUREG – 1384, Revision 1

As required by NUREG-1384, please find attached revision pages for the Callaway Plant's ERDS data point library reference file. These changes reflect changes made in computer point alarm set points and changes to the system description.

Please contact Mr. Lewis Beaty, Computer Systems (573) 676-8632 for any questions.

Michael E. Taylor
Manager,
Nuclear Engineering

MET/slk

Enclosure

A026
1/1

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Attachment to:
ULNRC 4224
dated 4/19/00

NRC EMERGENCY RESPONSE DATA SYSTEM
DATA POINT LIBRARY
J-26060A Rev. 2

REV.	AFFECTED PAGES
0	NEW DOCUMENT
1	Page 2 & 9 change SEN0701 units from PCM to %
2	Change Section 2 pages 46, 48, 53-56, and 62 to revise system descriptions. Reference RFR 15126, SCR5929, 6247-6251.

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Rev. 2

DATA POINT LIBRARY REFERENCE FILE

Date:	04/18/2000
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	SPDS0038
Plant Spec Point Desc:	STACK EFFLUENT RADIATION
Generic/Cond Desc:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	UCI/ML
Engr Units Conversion:	N/A
Minimum Instr Range:	1.000E-07
Maximum Instr Range:	1.000E+05
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	UNIT VENT DWNSTRM LAST PNT OF RAD ENTRY
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/A
Level Reference Leg:	N/A
Unique System Desc:	UNIT VENT NOMINAL FLOW RATES (CFM) 16500 MN STM ENCLOSURE BLD EXHAUST 32000 FULL SPEED AUX/FUEL BLD EXHAUST 12000 SLOW SPEED 6300 ACCESS CONTROL 1000 COND AIR REMOVAL FILTRATION. 20000 CONT. SHUTDOWN PURGE EXHAUST 4000 CONT. MINIPURGE EXHAUST 9000 FUEL BLD EMERG EXHAUST ALERT/HIGH ALARMS PER ODCM ON RMS RM-11. MAY FAIL HIGH.

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DATA POINT LIBRARY REFERENCE FILE

Date:	04/18/2000
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	EFFS GAS RAD
Point ID:	FCR0385
Plant Spec Point Desc:	AUX FDWTR TURBINE DISCH RAD MON
Generic/Cond Desc:	RADIOACTIVITY OF RELEASES GASSES
Analog/Digital:	A
Engr Units/Dig States:	MR/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	1.000E-02
Maximum Instr Range:	1.000E+05
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	VIEWS PLUME FROM TURBINE EXHAUST
Alarm/Trip Set Points:	HIHI / HI /LO /LOLO 8.65E2 /65 /NA /NA
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/A
Level Reference Leg:	N/A
Unique System Desc:	MULTIPLY VALUE BY 5.51E-02 TO CONVERT UNITS TO UCI/ML. THIS CONVERSION FACTOR TAKES INTO CONDIDERATION PLUME SIZE AND DISTANCE FACTORS. MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	04/18/2000
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	NL
Point ID:	ABR0111
Plant Spec Point Desc:	STM LINE A PORV DISCH RAD MON
Generic/Cond Desc:	STM LINE A PORV DISCH RAD MON
Analog/Digital:	A
Engr Units/Dig States:	MR/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	1.000E-02
Maximum Instr Range:	1.000E+05
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	VIEWS PLUME FROM SG A PORV
Alarm/Trip Set Points:	HIHI /HI/LO/LOLO 1.48E2/12/NA/NA
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/A
Level Reference Leg:	N/A
Unique System Desc:	MULTIPLY VALUE BY 4.06E-02 TO CONVERT UNITS TO UCI/ML. THIS CONVERSION FACTOR TAKES INTO CONSIDERATION PLUME SIZE AND DISTANCE FACTORS. MAY FAIL HIGH.

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DATA POINT LIBRARY REFERENCE FILE

Date:	04/18/2000
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	N/A
Point ID:	ABR0112
Plant Spec Point Desc:	STM LINE B PORV DISCH RAD MON
Generic/Cond Desc:	STM LINE B PORV DISCH RAD MON
Analog/Digital:	A
Engr Units/Dig States:	MR/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	1.000E-02
Maximum Instr Range:	1.000E+05
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	VIEWS PLUME FROM SG B PORV
Alarm/Trip Set Points:	HIHI /HI/LO/LOLO 1.48E2/12/NA/NA
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/A
Level Reference Leg:	N/A
Unique System Desc:	MULTIPLY VALUE BY 4.06E-02 TO CONVERT UNITS TO UCI/ML. THIS CONVERSION FACTOR TAKES INTO CONSIDERATION PLUME SIZE AND DISTANCE FACTORS. MAY FAIL HIGH.

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DATA POINT LIBRARY REFERENCE FILE

Date:	04/18/2000
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	NL
Point ID:	ABR0113
Plant Spec Point Desc:	STM LINE C PORV DISCH RAD MON
Generic/Cond Desc:	STM LINE C PORV DISCH RAD MON
Analog/Digital:	A
Engr Units/Dig States:	MR/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	1.000E-02
Maximum Instr Range:	1.000E+05
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	VIEWS PLUME FROM SG C PORV
Alarm/Trip Set Points:	HIHI /HI/LO/LOLO 1.48E2/12/NA/NA
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/A
Level Reference Leg:	N/A
Unique System Desc:	MULTIPLY VALUE BY 4.06E-02 TO CONVERT UNITS TO UCI/ML. THIS CONVERSION FACTOR TAKES INTO CONSIDERATION PLUME SIZE AND DISTANCE FACTORS. MAY FAIL HIGH.

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DATA POINT LIBRARY REFERENCE FILE

Date:	04/18/2000
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	NL
Point ID:	ABR0114
Plant Spec Point Desc:	STM LINE D PORV DISCH RAD MON
Generic/Cond Desc:	STM LINE D PORV DISCH RAD MON
Analog/Digital:	A
Engr Units/Dig States:	MR/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	1.000E-02
Maximum Instr Range:	1.000E+05
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	VIEWS PLUME FROM SG D PORV
Alarm/Trip Set Points:	HIHI /HI/LO/LOLO 1.48E2/12/NA/NA
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/A
Level Reference Leg:	N/A
Unique System Desc:	MULTIPLY VALUE BY 4.06E-02 TO CONVERT UNITS TO UCI/ML. THIS CONVERSION FACTOR TAKES INTO CONSIDERATION PLUME SIZE AND DISTANCE FACTORS. MAY FAIL HIGH.

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DATA POINT LIBRARY REFERENCE FILE

Date:	04/18/2000
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	WIND SPEED
Point ID:	RDS0010P
Plant Spec Point Desc:	PRI MET TOWER 10M WIND SPEED
Generic/Cond Desc:	WIND SPEED AT REACTOR SITE
Analog/Digital:	A
Engr Units/Dig States:	M/S
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	5.000E+01
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	PRIMARY MET TOWER AT 10 METERS ELEVATION
Alarm/Trip Set Points:	HIHI/HI/LO/LOLO
	26 /NA/NA/NA
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/A
Level Reference Leg:	N/A
Unique System Desc:	