AmerenUE
Callaway Plant

PO Box 620
Fulton, MO 65251

September 4, 2008

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

ULNRC-05537

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Ladies and 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 – 1934, Revision 1

This correspondence is submitted in accordance with 10CFR50 Appendix E section VI.3.a, which requires any hardware and software changes that affect the transmitted data points identified in the ERDS Data Point Library be submitted to the NRC within 30 days after the changes are completed. Please find attached a revision for the Callaway Plant's ERDS Data Point Library reference file. These changes reflect changes made to Callaway's plant process computer on August 20, 2008.

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

This letter does not contain new commitments.

Sincerely,

John D Patterson 4430

D. W. Neterer
FOR Plant Director

Feb 12015

LSB/nls

Enclosure (68 pages)

A026
NRR

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Index and send hardcopy to QA File A160.0761

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NRC EMERGENCY RESPONSE DATA SYSTEM
DATA POINT LIBRARY
J-26060A Rev. 5

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.
3	Bulk issue for changes to Section 2 pages 15, 16, 17, 18, 44, 48, 53, 54, 55, 56. Reference MP 00-1008A, 00-1013A, SCR 6342, 6388-6391, 7595-7598, 7737, 7739-7742, 7744, 7864-7867.
4	Bulk issue for changes to pages 4, 62-66. Reference MP 04-1020, SCR 8258, 8259 8261, 8262, 8183, 8185, 8187, 8189 & 8324.
5	Bulk issue for changes to Section 1 pages 2-4 and Section 2 pages 6-9, 11-13, 19-41, 44-46, 48, 50, 51, 57-60, 64-66. Reference MP 07-0025.

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NRC EMERGENCY RESPONSE DATA SYSTEM
DATA POINT LIBRARY
J-26060A Rev. 5
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SECTION 1

CRITICAL SAFETY FUNCTION PARAMETERS

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CRITICAL SAFETY FUNCTION PARAMETERS

PARAMETER	PARAMETER DESCRIPTION	UNITS	COMPUTER POINT
REACTIVITY CONTROL			
NI POWER RNG	Nuclear Instruments, Power Range	%	SPDSS102
NI INTER RNG	Nuclear Instruments, Intermediate Range	AMPS	REU0640
NI SOURC RNG	Nuclear Instruments, Source Range	CPS	SPDSS286
NL	Post Accident Wide Range	PCM	SEN0701
NL	Post Accident Source Range	CPS	SEN0702
CORE COOLING			
REAC VES LEV	Reactor Vessel Water Level	%	REU0523
TEMP CORE EX	Highest Temperature at the Core Exit	F	RJUITC08
SUB MARGIN	Saturation Temperature-Highest CET	F	SPDSC252
CORE FLOW	Total Reactor Coolant Flow	%	REU0487
STEAM GENERATORS			
SG LEVEL 1/A	Steam Generator 1 (or A) Water Level	%	REL0404A
SG LEVEL 2/B	Steam Generator 2 (or B) Water Level	%	REL0424A
SG LEVEL 3/C	Steam Generator 3 (or C) Water Level	%	REL0444A
SG LEVEL 4/D	Steam Generator 4 (or D) Water Level	%	REL0464A
SG PRESS 1/A	Steam Generator 1 (or A) Pressure	PSIG	SPDSH263
SG PRESS 2/B	Steam Generator 2 (or B) Pressure	PSIG	SPDSH264
SG PRESS 3/C	Steam Generator 3 (or C) Pressure	PSIG	SPDSH265
SG PRESS 4/D	Steam Generator 4 (or D) Pressure	PSIG	SPDSH266
MN FD FL 1/A	Stm Gen 1 (or A) Main Feedwater Flow	KLB/HR	SPDSH005
MN FD FL 2/B	Stm Gen 2 (or B) Main Feedwater Flow	KLB/HR	SPDSH007
MN FD FL 3/C	Stm Gen 3 (or C) Main Feedwater Flow	KLB/HR	SPDSH008
MN FD FL 4/D	Stm Gen 4 (or D) Main Feedwater Flow	KLB/HR	SPDSH250
AX FD FL 1/A	Stm Gen 1 (or A) Auxiliary FW Flow	KLB/HR	ALF0702
AX FD FL 2/B	Stm Gen 2 (or B) Auxiliary FW Flow	KLB/HR	ALF0703
AX FD FL 3/C	Stm Gen 3 (or C) Auxiliary FW Flow	KLB/HR	ALF0704
AX FD FL 4/D	Stm Gen 4 (or D) Auxiliary FW Flow	KLB/HR	ALF0701
HL TEMP 1/A	Stm Gen 1 (or A) Inlet Temperature	F	RET0419A
HL TEMP 2/B	Stm Gen 2 (or B) Inlet Temperature	F	RET0439A
HL TEMP 3/C	Stm Gen 3 (or C) Inlet Temperature	F	RET0459A
HL TEMP 4/D	Stm Gen 4 (or D) Inlet Temperature	F	RET0479A
CL TEMP 1/A	Stm Gen 1 (or A) Outlet Temperature	F	RET0406A
CL TEMP 2/B	Stm Gen 2 (or B) Outlet Temperature	F	RET0426A

CRITICAL SAFETY FUNCTION PARAMETERS

CL TEMP 3/C	Stm Gen 3 (or C) Outlet Temperature	F	RET0446A
CL TEMP 4/D	Stm Gen 4 (or D) Outlet Temperature	F	RET0466A

PARAMETER	PARAMETER DESCRIPTION	UNITS	COMPUTER POINT
RCS INTEGRITY			
RCS PRESSURE	Reactor Coolant System Pressure	PSIG	SPDSP252
PRZR LEVEL	Primary System Pressurizer Level	%	REU0483
RCS CHG/MU	Primary System Charging or Makeup Flow	GPM	REU0503
HP SI FLOW	High Pressure Safety Injection Flow	GPM	REU0502
LP SI FLOW	Low Pressure Safety Injection Flow	GPM	REU0501
CTMNT SMP NR	Containment Sump Narrow Range Level	INCHES	LFL0702
CTMNT SMP WR	Containment Sump Wide Range Level	INCHES	LFL0701
RADIOACTIVITY CONTROL			
EFF GAS RAD	Radioactivity of Released Gasses	UCI/ML	GTR0021B
EFF GAS RAD	Radioactivity of Released Gasses	UCI/ML	GHR0010B
EFF GAS RAD	Radioactivity of Released Gasses	MR/HR	FCR0385
EFF LIQ RAD	Radioactivity of Released Liquids	UCI/ML	HBR0018
COND A/E RAD	Condenser Air Ejector Radioactivity	UCI/ML	GER0092
CNMNT RAD	Radiation Level in the Containment	R/HR	SPDSC254
RCS LTDN RAD	Rad Level of the RCS Letdown Line	UCI/ML	SJR0001
MAIN SL 1/A	Stm Gen 1 (or A) Steam Line Rad Level		
MAIN SL 2/B	Stm Gen 2 (or B) Steam Line Rad Level		
MAIN SL 3/C	Stm Gen 3 (or C) Steam Line Rad Level		
MAIN SL 4/D	Stm Gen 4 (or D) Steam Line Rad Level		
NL	Stm Line A PORV Disch Rad Mon	MR/HR	ABR0111
NL	Stm Line B PORV Disch Rad Mon	MR/HR	ABR0112
NL	Stm Line C PORV Disch Rad Mon	MR/HR	ABR0113
NL	Stm Line D PORV Disch Rad Mon	MR/HR	ABR0114
SG BD RAD 1A	Stm Gen 1 (or A) Blowdown Rad Level	UCI/ML	BMR0025
SG BD RAD 2B	Stm Gen 2 (or B) Blowdown Rad Level		
SG BD RAD 3C	Stm Gen 3 (or C) Blowdown Rad Level		
SG BD RAD 4D	Stm Gen 4 (or D) Blowdown Rad Level		
CONTAINMENT CONDITIONS			

CRITICAL SAFETY FUNCTION PARAMETERS

CTMNT PRESS	Containment Pressure	PSIG	SPDSC253
CTMNT TEMP	Containment Temperature	F	GNT0701
H2 CONC	Containment Hydrogen Concentration	%	SPDSCH2A

PARAMETER	PARAMETER DESCRIPTION	UNITS	COMPUTER POINT
MISCELLANEOUS PARAMETERS			
BWST LEVEL	Borated Water Storage Tank Level	%	REU0511
WIND SPEED	Wind Speed at the Reactor Site	MPH	RDS5010A
WIND SPEED	Wind Speed at the Reactor Site	MPH	RDS5060A
WIND DIR	Wind Direction at the Reactor Site	DEGFR	RDZ5010A
WIND DIR	Wind Direction at the Reactor Site	DEGFR	RDZ5060A
STAB CLASS	Air Stability at the Reactor Site	STABI	RDU0701A

SECTION 2

ERDS DATA POINT LIBRARY

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	NI POWER RNG
Point ID:	SPDSS102
Plant Spec Point Desc:	POWER RANGE LEVEL AVG
Generic/Cond Desc:	NUCLEAR INSTR POWER RANGE
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	EACH 1% EQUALS APROX. 12 MW
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	1.200E+02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	4
How Processed:	AVERAGE
Sensor Locations:	REACTOR CAVITY
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:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	NI INTER RNG
Point ID:	REU0640
Plant Spec Point Desc:	AVERAGE INTERMEDIATE RANGE Q
Generic/Cond Desc:	NUCLEAR INSTR INTERMEDIATE RANGE
Analog/Digital:	A
Engr Units/Dig States:	AMPS
Engr Units Conversion:	N/A
Minimum Instr Range:	1.000E-11
Maximum Instr Range:	1.000E-03
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	2
How Processed:	AVERAGE
Sensor Locations:	REACTOR CAVITY
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:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	NI SOURC RNG
Point ID:	SPDSS286
Plant Spec Point Desc:	SOURCE RANGE POWER LEVEL AVG
Generic/Cond Desc:	NUCLEAR INSTR SOURCE RANGE
Analog/Digital:	A
Engr Units/Dig States:	CPS
Engr Units Conversion:	N/A
Minimum Instr Range:	2.500E-01
Maximum Instr Range:	1.000E+06
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	2
How Processed:	AVERAGE
Sensor Locations:	REACTOR CAVITY
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	1E-10 AMPS
NI Detector Power Supply Turn-on Power Level:	>1E-10 AMPS
Instrument Failure Mode:	LOW
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	MAY FAIL HIGH.

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DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	NL
Point ID:	SEN0701
Plant Spec Point Desc:	POST ACCIDENT WIDE RANGE
Generic/Cond Desc:	POST ACCIDENT WIDE RANGE
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	PERCENT * E-03
Minimum Instr Range:	1.000E-08
Maximum Instr Range:	2.000E+02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	2
How Processed:	AVERAGE
Sensor Locations:	REACTOR CAVITY
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:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	10/01/91
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	NL
Point ID:	SEN0702
Plant Spec Point Desc:	POST ACCIDENT SOURCE RANGE
Generic/Cond Desc:	POST ACCIDENT SOURCE RANGE
Analog/Digital:	A
Engr Units/Dig States:	CPS
Engr Units Conversion:	N/A
Minimum Instr Range:	1.000E-01
Maximum Instr Range:	1.000E+05
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	2
How Processed:	AVERAGE
Sensor Locations:	REACTOR CAVITY
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:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	REAC VES LEV
Point ID:	REU0523
Plant Spec Point Desc:	RX VESSEL WR A/B LEVEL AVG
Generic/Cond Desc:	REACTOR VESSEL WATER LEVEL
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	TOTAL INSIDE FLUID HEIGHT 494.9 INCHES
Minimum Instr Range:	-2.500E+00
Maximum Instr Range:	1.250E+02
Zero Point Reference:	COMPLX
Reference Point Notes:	BOTTOM OF VESSEL
PROC or SENS:	P
Number of Sensors:	2
How Processed:	AVERAGE
Sensor Locations:	REACTOR VESSEL
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:	USES DIFFERENTIAL PRESSURE ACROSS THE VESSEL TO DETERMINE VESSEL LEVEL OR RELATIVE VOID CONTENT OF THE CIRCULATING PRIMARY COOLANT SYSTEM FLUID. MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	8/29/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	TEMP CORE EX
Point ID:	RJUITC08
Plant Spec Point Desc:	HOTTEST NON BAD TC 1MA
Generic/Cond Desc:	HIGHEST TEMP AT CORE EXIT
Analog/Digital:	A
Engr Units/Dig States:	F
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	2.300E+03
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	50
How Processed:	MAXIMUM
Sensor Locations:	REACTOR VESSEL
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:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	SUB MARGIN
Point ID:	SPDSC252
Plant Spec Point Desc:	RCS COOLANT SUBCOOLING
Generic/Cond Desc:	SATURATION TEMP - HIGHEST CET
Analog/Digital:	A
Engr Units/Dig States:	F
Engr Units Conversion:	N/A
Minimum Instr Range:	-2.000E+02
Maximum Instr Range:	2.000E+03
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	4
How Processed:	AVERAGE OF LOWEST VALUE FROM EACH TRAIN
Sensor Locations:	REACTOR VESSEL
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:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	10/01/91
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	CORE FLOW
Point ID:	REU0487
Plant Spec Point Desc:	REACTOR COOLANT LOOP AVE FLOW
Generic/Cond Desc:	TOTAL REACTOR COOLANT FLOW
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	EACH 1% EQUALS APROX. 1.394E+06 LB/HR
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	1.200E+02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	12
How Processed:	AVERAGE
Sensor Locations:	CROSSOVER LEG
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:	N/A
Unique System Desc:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	10/31/2005
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	SG LEVEL 1/A
Point ID:	REL0404A
Plant Spec Point Desc:	SG A WR LEVEL
Generic/Cond Desc:	STEAM GEN A WATER LEVEL
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	100% = 586.9 INCHES
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	1.000E+02
Zero Point Reference:	TUBSHT
Reference Point Notes:	13 INCHES ABOVE TUBE SHEET
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	STEAM GENERATOR A
Alarm/Trip Set Points:	HIHI/HI /LO /LOLO 97 /92 /NA /NA (Plant mode 1-3) 97 /92 /87 /NA (Plant mode 4) NA /NA /87 /NA (Plant mode 5-6)
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:	73.3% IS TOP OF HIGHEST TUBE. MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	10/31/2005
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	SG LEVEL 2/B
Point ID:	REL0424A
Plant Spec Point Desc:	SG B WR LEVEL
Generic/Cond Desc:	STEAM GEN B WATER LEVEL
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	100% = 586.9 INCHES
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	1.000E+02
Zero Point Reference:	TUBSHT
Reference Point Notes:	13 INCHES ABOVE TUBE SHEET
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	STEAM GENERATOR B
Alarm/Trip Set Points:	HIHI/HI /LO /LOLO 97 /92 /NA /NA (Plant mode 1-3) 97 /92 /87 /NA (Plant mode 4) NA /NA /87 /NA (Plant mode 5-6)
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:	73.3% IS TOP OF HIGHEST TUBE. MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	10/31/2005
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	SG LEVEL 3/C
Point ID:	REL0444A
Plant Spec Point Desc:	SG C WR LEVEL
Generic/Cond Desc:	STEAM GEN C WATER LEVEL
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	100% = 586.9 INCHES
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	1.000E+02
Zero Point Reference:	TUBSHT
Reference Point Notes:	13 INCHES ABOVE TUBE SHEET
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	STEAM GENERATOR C
Alarm/Trip Set Points	HIHI/HI /LO /LOLO
	97 /92 /NA /NA (Plant mode 1-3)
	97 /92 /87 /NA (Plant mode 4)
	NA /NA /87 /NA (Plant mode 5-6)
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:	73.3% IS TOP OF HIGHEST TUBE. MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	10/31/2005
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	SG LEVEL 4/D
Point ID:	REL0464A
Plant Spec Point Desc:	SG D WR LEVEL
Generic/Cond Desc:	STEAM GEN D WATER LEVEL
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	100% = 586.9 INCHES
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	1.000E+02
Zero Point Reference:	TUBSHT
Reference Point Notes:	13 INCHES ABOVE TUBE SHEET
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	STEAM GENERATOR D
Alarm/Trip Set Points:	HIHI/HI /LO /LOLO 97 /92 /NA /NA (Plant mode 1-3) 97 /92 /87 /NA (Plant mode 4) NA /NA /87 /NA (Plant mode 5-6)
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:	73.3% IS TOP OF HIGHEST TUBE. MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	SG PRESS 1/A
Point ID:	SPDSH263
Plant Spec Point Desc:	SG A AVG PRESSURE
Generic/Cond Desc:	STEAM GENERATOR A PRESSURE
Analog/Digital:	A
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	1.300E+03
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	3
How Processed:	AVERAGE
Sensor Locations:	SECONDARY SIDE DOWNSTREAM SG 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:	LOW
Temperature Compensation For DP Transmitters:	Y
Level Reference Leg:	N/A
Unique System Desc:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	SG PRESS 2/B
Point ID:	SPDSH264
Plant Spec Point Desc:	SG B AVG PRESSURE
Generic/Cond Desc:	STEAM GENERATOR B PRESSURE
Analog/Digital:	A
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	1.300E+03
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	3
How Processed:	AVERAGE
Sensor Locations:	SECONDARY SIDE DOWNSTREAM SG 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:	LOW
Temperature Compensation For DP Transmitters:	Y
Level Reference Leg:	N/A
Unique System Desc:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	SG PRESS 3/B
Point ID:	SPDSH265
Plant Spec Point Desc:	SG C AVG PRESSURE
Generic/Cond Desc:	STEAM GENERATOR C PRESSURE
Analog/Digital:	A
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	1.300E+03
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	3
How Processed:	AVERAGE
Sensor Locations:	SECONDARY SIDE DOWNSTREAM SG 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:	LOW
Temperature Compensation For DP Transmitters:	Y
Level Reference Leg:	N/A
Unique System Desc:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	SG PRESS 4/D
Point ID:	SPDSH266
Plant Spec Point Desc:	SG D AVG PRESSURE
Generic/Cond Desc:	STEAM GENERATOR D PRESSURE
Analog/Digital:	A
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	1.300E+03
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	3
How Processed:	AVERAGE
Sensor Locations:	SECONDARY SIDE DOWNSTREAM SG D
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:	N/A
Unique System Desc:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	MN FD FL 1/A
Point ID:	SPDSH005
Plant Spec Point Desc:	SG A MAIN FEEDWATER FLOW
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:	0.000E+00
Maximum Instr Range:	5.000E+03
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	2
How Processed:	AVERAGE
Sensor Locations:	FROM FEEDWATER SYSTEM UPSTREAM SG 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:	LOW
Temperature Compensation For DP Transmitters:	Y
Level Reference Leg:	N/A
Unique System Desc:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	MN FD FL 2/B
Point ID:	SPDSH007
Plant Spec Point Desc:	SG B MAIN FEEDWATER FLOW
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:	0.000E+00
Maximum Instr Range:	5.000E+03
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	2
How Processed:	AVERAGE
Sensor Locations:	FROM FEEDWATER SYSTEM UPSTREAM SG 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:	LOW
Temperature Compensation For DP Transmitters:	Y
Level Reference Leg:	N/A
Unique System Desc:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	MN FD FL 3/C
Point ID:	SPDSH008
Plant Spec Point Desc:	SG C MAIN FEEDWATER FLOW
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:	0.000E+00
Maximum Instr Range:	5.000E+03
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	2
How Processed:	AVERAGE
Sensor Locations:	FROM FEEDWATER SYSTEM UPSTREAM SG 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:	LOW
Temperature Compensation For DP Transmitters:	Y
Level Reference Leg:	N/A
Unique System Desc:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	MN FD FL 4/D
Point ID:	SPDSH250
Plant Spec Point Desc:	SG D MAIN FEEDWATER FLOW
Generic/Cond Desc:	STM GEN D MAIN FEEDWATER FLOW
Analog/Digital:	A
Engr Units/Dig States:	KLB/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	5.000E+03
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	2
How Processed:	AVERAGE
Sensor Locations:	FROM FEEDWATER SYSTEM UPSTREAM SG D
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:	N/A
Unique System Desc:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	AX FD FL 1/A
Point ID:	ALF0702
Plant Spec Point Desc:	AFW TO SG A FLOW
Generic/Cond Desc:	STM GEN A AUXILIARY FW FLOW
Analog/Digital:	A
Engr Units/Dig States:	KLB/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	2.000E+02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	FROM AUX FEEDWATER SYSTEM UPSTREAM SG 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:	LOW
Temperature Compensation For DP Transmitters:	Y
Level Reference Leg:	N/A
Unique System Desc:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	AX FD FL 2/B
Point ID:	ALF0703
Plant Spec Point Desc:	AFW TO SG B FLOW
Generic/Cond Desc:	STM GEN B AUXILIARY FW FLOW
Analog/Digital:	A
Engr Units/Dig States:	KLB/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	2.000E+02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	FROM AUX FEEDWATER SYSTEM UPSTREAM SG 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:	LOW
Temperature Compensation For DP Transmitters:	Y
Level Reference Leg:	N/A
Unique System Desc:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	AX FD FL 3/C
Point ID:	ALF0704
Plant Spec Point Desc:	AFW TO SG C FLOW
Generic/Cond Desc:	STM GEN C AUXILIARY FW FLOW
Analog/Digital:	A
Engr Units/Dig States:	KLB/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	2.000E+02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	FROM AUX FEEDWATER SYSTEM UPSTREAM SG 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:	LOW
Temperature Compensation For DP Transmitters:	Y
Level Reference Leg:	N/A
Unique System Desc:	MAY FAIL HIGH.

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DATA POINT LIBRARY REFERENCE FILE

Date:	8/29/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	AX FD FL 4/D
Point ID:	ALF0701
Plant Spec Point Desc:	AFW TO SG D FLOW
Generic/Cond Desc:	STM GEN D AUXILIARY FW FLOW
Analog/Digital:	A
Engr Units/Dig States:	KLB/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	2.000E+02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	FROM AUX FEEDWATER SYSTEM UPSTREAM SG D
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:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	HL TEMP 1/A
Point ID:	RET0419A
Plant Spec Point Desc:	RCS LOOP A WR HOT LEG TEMP
Generic/Cond Desc:	STM GEN A INLET TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	F
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	7.000E+02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	LOOP 1 HOT LEG
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:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	HL TEMP 2/B
Point ID:	RET0439A
Plant Spec Point Desc:	RCS LOOP B WR HOT LEG TEMP
Generic/Cond Desc:	STM GEN B INLET TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	F
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	7.000E+02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	LOOP 2 HOT LEG
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:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	HL TEMP 3/C
Point ID:	RET0459A
Plant Spec Point Desc:	RCS LOOP C WR HOT LEG TEMP
Generic/Cond Desc:	STM GEN C INLET TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	F
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	7.000E+02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	LOOP 3 HOT LEG
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:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	HL TEMP 4/D
Point ID:	RET0479A
Plant Spec Point Desc:	RCS LOOP D WR HOT LEG TEMP
Generic/Cond Desc:	STM GEN D INLET TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	F
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	7.000E+02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	LOOP 4 HOT LEG
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:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	CL TEMP 1/A
Point ID:	RET0406A
Plant Spec Point Desc:	RCS LOOP A WR COLD LEG TEMP
Generic/Cond Desc:	STM GEN A OUTLET TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	F
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	7.000E+02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	LOOP 1 COLD LEG
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:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	CL TEMP 2/B
Point ID:	RET0426A
Plant Spec Point Desc:	RCS LOOP B WR COLD LEG TEMP
Generic/Cond Desc:	STM GEN B OUTLET TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	F
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	7.000E+02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	LOOP 2 COLD LEG
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:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	CL TEMP 3/C
Point ID:	RET0446A
Plant Spec Point Desc:	RCS LOOP C WR COLD LEG TEMP
Generic/Cond Desc:	STM GEN C OUTLET TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	F
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	7.000E+02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	LOOP 3 COLD LEG
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:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	CL TEMP 4/D
Point ID:	RET0466A
Plant Spec Point Desc:	RCS LOOP D WR COLD LEG TEMP
Generic/Cond Desc:	STM GEN D OUTLET TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	F
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	7.000E+02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	LOOP 4 COLD LEG
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:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	RCS WR AVG PRESSURE
Point ID:	SPDSP252
Plant Spec Point Desc:	RCS WR AVG PRESSURE
Generic/Cond Desc:	REACTOR COOLANT SYSTEM PRESSURE
Analog/Digital:	A
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	3.000E+03
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	2
How Processed:	AVERAGE
Sensor Locations:	TUBING FROM REACTOR VESSEL
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:	N/A
Unique System Desc:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	08/29/08
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	PRZR LEVEL
Point ID:	REU0483
Plant Spec Point Desc:	PZR LEVEL 1/2/3 AVG
Generic/Cond Desc:	PRIMARY SYSTEM PRESSURIZER LEVEL
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	100% = 555 INCHES
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	1.000E+02
Zero Point Reference:	COMPLX
Reference Point Notes:	40 INCHES ABOVE PRESSURIZER BOTTOM
PROC or SENS:	P
Number of Sensors:	3
How Processed:	AVERAGE
Sensor Locations:	PRESSURIZER
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:	PRESSURIZER VOLUME IS 1800 CUBIC FEET. HEATER TOPS AT 17.5% LEVEL. MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	RCS CHG/MU
Point ID:	REU0503
Plant Spec Point Desc:	CHG PUMP SI FLOW
Generic/Cond Desc:	PRI SYS CHARGING OR MAKEUP FLOW
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	1.140E+03
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	2
How Processed:	SUM
Sensor Locations:	UPSTREAM OF CENTRIFUGAL CHARGING PUMP
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:	N/A
Unique System Desc:	MAY FAIL HIGH.

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DATA POINT LIBRARY REFERENCE FILE

Date:	10/01/91
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	HP SI FLOW
Point ID:	REU0502
Plant Spec Point Desc:	SI PUMP DISCHARGE FLOW
Generic/Cond Desc:	HI PRESS SAFETY INJECTION FLOW
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	1.600E+03
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	2
How Processed:	SUM
Sensor Locations:	DOWNSTREAM SI PUMPS
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:	N/A
Unique System Desc:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	10/01/91
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	LP SI FLOW
Point ID:	REU0501
Plant Spec Point Desc:	RHR FLOW
Generic/Cond Desc:	LO PRESS SAFETY INJECTION FLOW
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	1.450E+04
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	3
How Processed:	SUM
Sensor Locations:	DOWNSTREAM RHR PUMPS
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:	N/A
Unique System Desc:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	8/29/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	CTMNT SMP NR
Point ID:	LFL0702
Plant Spec Point Desc:	CTMT NORMAL SUMP NR LEVEL
Generic/Cond Desc:	CONTAINMENT SMP NARROW RANGE LVL
Analog/Digital:	A
Engr Units/Dig States:	IN
Engr Units Conversion:	9.77 GAL/INCH
Minimum Instr Range:	1.175E+01
Maximum Instr Range:	2.575E+01
Zero Point Reference:	TNKBOT
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	2
How Processed:	MAXIMUM
Sensor Locations:	CONTAINMENT NORMAL SUMPS
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:	N/A
Unique System Desc:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	CTMNT SMP WR
Point ID:	LFL0701
Plant Spec Point Desc:	CTMT NORMAL SUMP WR LEVEL
Generic/Cond Desc:	CONTAINMENT SMP WIDE RANGE LVL
Analog/Digital:	A
Engr Units/Dig States:	IN
Engr Units Conversion:	41.6 GAL/INCH
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	1.560E+02
Zero Point Reference:	TNKBOT
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	2
How Processed:	MAXIMUM
Sensor Locations:	CONTAINMENT NORMAL SUMPS
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:	N/A
Unique System Desc:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	GTR0021B
Plant Spec Point Desc:	UNIT VENT GAS RAD MON
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:	04/09/92
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	EFFS GAS RAD
Point ID:	GHR0010B
Plant Spec Point Desc:	RADWASTE VENT GAS RAD MON
Generic/Cond Desc:	RADIOACTIVITY OF RELEASED GASSES
Analog/Digital:	A
Engr Units/Dig States:	UCI/ML
Engr Units Conversion:	2.039E+10 ML/HR
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:	DOWNSTREAM OF EXHAUST FILTER AND FANS
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:	MONITORS GASEOUS RADIOACTIVITY IN THE EFFLUENT RADWASTE BUILDING DUCT. ISOLATES WASTE GAS DECAY TANK DISCHARGE LINE ON HIGH ALARM. FLOW IS 12000 SCFM. ALERT/HIGH ALARMS PER ODCM ON RMS RM-11. MAY FAIL HIGH.

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DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	EFFS GAS RAD
Point ID:	FCR0385
Plant Spec Point Desc:	AFW PUMP 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 8.50E2 /1.5E2 /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:	04/09/92
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	EFF LIQ RAD
Point ID:	HBR0018
Plant Spec Point Desc:	RADWASTE LIQUID DIS RAD MON
Generic/Cond Desc:	RADIOACTIVITY OF RELEASED LIQUID
Analog/Digital:	A
Engr Units/Dig States:	UCI/ML
Engr Units Conversion:	MAX 2.082E+06 ML/MIN
Minimum Instr Range:	1.000E-07
Maximum Instr Range:	9.990E-02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	UPSTREAM OF DISCHARGE VALVE
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:	HIGH RADIOACTIVITY ALARM CLOSES THE LIQUID RADWASTE SYSTEM DISCHARGE VALVE. FLOW IS 0-550 GPM. ALERT/HIGH ALARMS PER ODCM ON RMS RM-11. MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	COND A/E RAD
Point ID:	GER0092
Plant Spec Point Desc:	CONDENSER DISCHARGE RAD MONITOR
Generic/Cond Desc:	CONDESER AIR EJECTOR RAD
Analog/Digital:	A
Engr Units/Dig States:	UCI/ML
Engr Units Conversion:	1.699E+09 ML/HR
Minimum Instr Range:	1.000E-07
Maximum Instr Range:	1.000E-02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	UPSTREAM OF COND AIR REMOVAL SYS FILTERS
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:	THIS MONITOR CLOSES STEAM GENERATOR BLOWDOWN ISOLATION VALVE ON HIGH ALARMS. DISCHARGES THROUGH UNIT VENT. FLOW IS 1000 SCFM. ALERT/HIGH = 2.0E-06/2.0E-05 UCI/ML ON RMS RM-11. MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	CNTMNT RAD
Point ID:	SPDSC254
Plant Spec Point Desc:	CTMT HI RNG AREA RAD MON
Generic/Cond Desc:	RADIATION LEVEL IN CONTAINMENT
Analog/Digital:	A
Engr Units/Dig States:	R/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	1.000E-01
Maximum Instr Range:	1.000E+08
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	2
How Processed:	MAXIMUM
Sensor Locations:	INSIDE SURFACE OF CONTAINMENT WALL
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:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	04/09/92
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	RCS LTDN RAD
Point ID:	SJR0001
Plant Spec Point Desc:	CVCS LETDOWN RAD MON
Generic/Cond Desc:	RAD LVL OF RCS LETDOWN LINE
Analog/Digital:	A
Engr Units/Dig States:	UCI/ML
Engr Units Conversion:	MAX 640 ML/MIN
Minimum Instr Range:	1.000E-03
Maximum Instr Range:	1.700E+03
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	UPSTREAM OF CVCS LETDOWN DEMINERALIZERS
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:	VARIABLE ALERT/HIGH ALARMS ON RMS RM-11. MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	10/31/2005
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 1.46E2/27/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:	10/31/2005
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 1.46E2/27/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.

DATA POINT LIBRARY REFERENCE FILE

Date:	10/31/2005
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 1.46E2/27/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.

DATA POINT LIBRARY REFERENCE FILE

Date:	10/31/2005
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 1.46E2/27/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.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	SG BD RAD 1A
Point ID:	BMR0025
Plant Spec Point Desc:	SG BLOWDWN PROCESS RAD MON
Generic/Cond Desc:	STM GEN BLOWDOWN RADIATION LEVEL
Analog/Digital:	A
Engr Units/Dig States:	UCI/ML
Engr Units Conversion:	MAX 640 ML/MIN
Minimum Instr Range:	1.000E-07
Maximum Instr Range:	1.000E-02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	DOWNSTREAM OF SAMPLE SYS HEAT EXCHANGER
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:	MONITOR CLOSES STEAM GENERATOR BLOWDOWN ISOLATION TO PREVENT THE DISCHARGE OF RADIOACIVE FLUID AND TO LIMIT RADIAOCTIVE CONTAMINATION OF THE BLOWDOWN DEMINERALIZERS. MONITORS DOWNSTREAM COMB OF 4 LOOPS. RMS RM-11 ALERT/HIGH ALARMS = 1.0E-05/1.0E-04 UCI/ML. MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	CTMNT PRESS
Point ID:	SPDSC253
Plant Spec Point Desc:	CTMT AVG PRESSURE
Generic/Cond Desc:	CONTAINMENT PRESSURE
Analog/Digital:	A
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	6.900E+01
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	3
How Processed:	AVERAGE
Sensor Locations:	CONTAINMENT BLDG 2026' ELEVATION
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:	N/A
Unique System Desc:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	CTMNT TEMP
Point ID:	GNT0701
Plant Spec Point Desc:	CTMT TEMP AVG
Generic/Cond Desc:	CONTAINMENT TEMPERATURE
Analog/Digital:	A
Engr Units/Dig States:	F
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	4.000E+02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	4
How Processed:	AVERAGE
Sensor Locations:	CONTAINMENT BLDG 2047' ELEVATION
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:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	H2 CONC
Point ID:	SPDSCH2A
Plant Spec Point Desc:	CTMT H2 AVG
Generic/Cond Desc:	CONTAINMENT HYDROGEN CONC
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	CONTAINMENT VOLUME = 2.5E+06 CUBIC FEET
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	1.000E+01
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	2
How Processed:	AVERAGE
Sensor Locations:	CONTAINMENT BLDG 2047' ELEVATION
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:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	04/09/92
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	BWST LEVEL
Point ID:	REU0511
Plant Spec Point Desc:	RWST LEVEL
Generic/Cond Desc:	BORATED WATER STORAGE TANK LEVEL
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	100% = 419445 GALLONS
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	1.000E+02
Zero Point Reference:	COMPLX
Reference Point Notes:	0% = 18722 GALLONS
PROC or SENS:	P
Number of Sensors:	4
How Processed:	AVERAGE
Sensor Locations:	REFUELING WATER STORAGE TANK
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:	MAY FAIL HIGH.

DATA POINT LIBRARY REFERENCE FILE

Date:	10/08/2007
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	WIND SPEED
Point ID:	RDS5010A
Plant Spec Point Desc:	MET TWR 10M A WIND SPEED
Generic/Cond Desc:	WIND SPEED AT REACTOR SITE
Analog/Digital:	A
Engr Units/Dig States:	MPH
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	1.000E+02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	MET TOWER AT 10 METERS ELEVATION
Alarm/Trip Set Points:	HIHI/HI/LO/LOLO 40 /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:	

DATA POINT LIBRARY REFERENCE FILE

Date:	10/08/2007
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	WIND SPEED
Point ID:	RDS5060A
Plant Spec Point Desc:	MET TOWER 60M A WIND SPEED
Generic/Cond Desc:	WIND SPEED AT REACTOR SITE
Analog/Digital:	A
Engr Units/Dig States:	MPH
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	1.000E+02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	MET TOWER AT 60 METERS ELEVATION
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:	

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	WIND DIR
Point ID:	RDZ5010A
Plant Spec Point Desc:	MET TOWER 10M A WIND DIRECTION
Generic/Cond Desc:	WIND DIRECTION AT REACTOR SITE
Analog/Digital:	A
Engr Units/Dig States:	DEG
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	3.600E+02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	MET TOWER AT 10 METERS ELEVATION
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:	MEASURED IN THE "FROM" DIRECTION. 0 DEG = NORTH. MAY FAIL IN ANY MODE.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	WIND DIR
Point ID:	RDZ5060A
Plant Spec Point Desc:	MET TOWER 60M A WIND DIRECTION
Generic/Cond Desc:	WIND DIRECTION AT REACTOR SITE
Analog/Digital:	A
Engr Units/Dig States:	DEG
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000E+00
Maximum Instr Range:	3.600E+02
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	MET TOWER AT 60 METERS ELEVATION
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:	MEASURED IN THE "FROM" DIRECTION. 0 DEG = NORTH. MAY FAIL IN ANY MODE.

DATA POINT LIBRARY REFERENCE FILE

Date:	7/21/2008
Reactor Unit:	CW1
Data Feeder:	N/A
NRC ERDS Parameter:	STAB CLASS
Point ID:	RDU0701A
Plant Spec Point Desc:	MET TWR A STABILITY (1-7=A-G)
Generic/Cond Desc:	AIR STABILITY AT REACTOR SITE
Analog/Digital:	A
Engr Units/Dig States:	
Engr Units Conversion:	N/A
Minimum Instr Range:	1.000E+00
Maximum Instr Range:	7.000E+00
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	7
How Processed:	N/A
Sensor Locations:	MET TOWER
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:	STABILITY PRIMARILY BASED ON RATE OF VERTICAL TEMPERATURE CHANGE. IF NOT VALIDATED GOOD, STABILITY IS BASED ON STANDARD DEVIATION OF WIND DIRECTION WHEN WIND SPEEDS ARE ABOVE 1 M/S.

1 = EXTREMELY UNSTABLE
2 = MODERATELY UNSTABLE
3 = SLIGHTLY UNSTABLE
4 = NEUTRAL
5 = SLIGHTLY STABLE
6 = MODERATELY STABLE
7 = EXTREMELY STABLE