



**Pacific Gas and
Electric Company**

Lawrence F. Womack
Vice President
Nuclear Technical Services

Diablo Canyon Power Plant
P.O. Box 56
Avila Beach, CA 93424

805.545.6000

December 15, 1999

PG&E Letter DCL-99-161

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555-0001

Docket No. 50-275, OL-DPR-80
Docket No. 50-323, OL-DPR-82
Diablo Canyon Units 1 and 2
Special Report 99-05, Supplement 1, Emergency Response Data System (ERDS)
Data Point Library Upgrade

Dear Commissioners and Staff:

As requested by NRC's letter requesting supplemental data dated September 20, 1999, and clarification from ERDS Project Officer, Mr. John Jolicoeur, per teleconference on October 7, 1999, this supplement to Special Report 99-05 is submitted to provide additional information regarding data points provided via PG&E Letter DCL-99-086, dated June 18, 1999.

The ERDS system was installed as documented in PG&E Letter No. DCL-91-261, "Emergency Response Data System Implementation Plan," dated October 25, 1991. The Safety Parameter Display System (SPDS) system was installed in response to NUREG-0737, Action Plan Item I.D.2, and NUREG-0696 (circa 1980). PG&E upgraded the SPDS computer system during 1996 (reference DCL-98-136, "10 CFR 50.59 Report of Facility Changes, Tests, and Experiments for the Report Period May 24, 1996 - March 28, 1998"). The upgraded SPDS is Y2K compliant and has been further enhanced to provide the ERDS function. PG&E has enhanced the data points requested in NUREG-1394, Revision 1, dated May 1991, with clarification provided by the ERDS Project Officer, as "ERDS Data Point Library, Revision 2," enclosed.

Sincerely,

Lawrence F. Womack

Enclosure

cc: Steven D. Bloom
John Jolicoeur, ERDS Project Officer (w/enclosure)
Ellis W. Merschoff
David L. Proulx
NRC Operation Center

PDR A Dock

A026

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	AX FD FL 1
Point ID:	FT50A
Plant Spec Point Desc:	SG 1-1 AFW FLOW FT-50
Generic/Cond Desc:	Stm Gen 1 Auxiliary FW Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	GPM
Engr Units Conversion:	INWC dP - GPM
Minimum Instr Range:	0
Maximum Instr Range:	320
Reference Point Notes:	Revision 10
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	Down stream of Level Control Valves
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	Wet
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	AX FD FL 2
Point ID:	FT77A
Plant Spec Point Desc:	SG 1-2 AFW FLOW FT-77
Generic/Cond Desc:	Stm Gen 2 Auxiliary FW Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	GPM
Engr Units Conversion:	INWC dP - GPM
Minimum Instr Range:	0
Maximum Instr Range:	320
Reference Point Notes:	Revision 10
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	Down stream of Level Control Valves
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	Wet
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	AX FD FL 3
Point ID:	FT78A
Plant Spec Point Desc:	SG 1-3 AFW FLOW FT-78
Generic/Cond Desc:	Stm Gen 3 Auxiliary FW Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	GPM
Engr Units Conversion:	INWC dP - GPM
Minimum Instr Range:	0
Maximum Instr Range:	320
Reference Point Notes:	Revision 10
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	Down stream of Level Control Valves
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	Wet
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	AX FD FL 4
Point ID:	FT79A
Plant Spec Point Desc:	SG 1-4 AFW FLOW FT-79
Generic/Cond Desc:	Stm Gen 4 Auxiliary Fw Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	GPM
Engr Units Conversion:	INWC dP - GPM
Minimum Instr Range:	0
Maximum Instr Range:	320
Reference Point Notes:	Revision 10
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	Down stream of Level Control Valves
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	Wet
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	H2 CONC
Point ID:	H2CONC
Plant Spec Point Desc:	CONTAINMENT HYDROGEN CONCENTRATION
Generic/Cond Desc:	Containment Hydrogen Concentration
Analog/Digital:	ANALOG
Engr Units/Dig States:	PCT
Engr Units Conversion:	Volume - Percent
Minimum Instr Range:	0
Maximum Instr Range:	10
Reference Point Notes:	Revision 8
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HMAX
Sensor Locations:	Containment
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Standby Service

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	SG LEVEL 1
Point ID:	L0403A
Plant Spec Point Desc:	SG 1-1 WIDE RANGE LEVEL
Generic/Cond Desc:	Steam Generator 1 Water Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	PCT
Engr Units Conversion:	2.1%/Ft
Minimum Instr Range:	0
Maximum Instr Range:	100
Reference Point Notes:	Revision 12
Zero Point Reference:	3Ft above tube sheet
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	S/G 1
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	Wet
Unique System Desc:	Top of S/G tubes = 69%

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	SG LEVEL 2
Point ID:	L0423A
Plant Spec Point Desc:	SG 1-2 WIDE RANGE LEVEL
Generic/Cond Desc:	Steam Generator 2 Water Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	PCT
Engr Units Conversion:	2.1%/Ft
Minimum Instr Range:	0
Maximum Instr Range:	100
Reference Point Notes:	Revision 9
Zero Point Reference:	3Ft above tube sheet
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	S/G 2
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	Wet
Unique System Desc:	Top of S/G tubes = 69%

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	SG LEVEL 3
Point ID:	L0443A
Plant Spec Point Desc:	SG 1-3 WIDE RANGE LEVEL
Generic/Cond Desc:	Steam Generator 3 Water Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	PCT
Engr Units Conversion:	2.1%/Ft
Minimum Instr Range:	0
Maximum Instr Range:	100
Reference Point Notes:	Revision 9
Zero Point Reference:	3Ft above tube sheet
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	S/G 3
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	Wet
Unique System Desc:	Top of S/G tubes = 69%

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	SG LEVEL 4
Point ID:	L0463A
Plant Spec Point Desc:	SG 1-4 WIDE RANGE LEVEL
Generic/Cond Desc:	Steam Generator 4 Water Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	PCT
Engr Units Conversion:	2.1%/Ft
Minimum Instr Range:	0
Maximum Instr Range:	100
Reference Point Notes:	Revision 12
Zero Point Reference:	3Ft above tube sheet
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	S/G 4
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	Wet
Unique System Desc:	Top of S/G tubes = 69%

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	COND A/E RAD
Point ID:	RM15A
Plant Spec Point Desc:	SJAE GAS MON RE-15
Generic/Cond Desc:	Condenser Air Ejector Radioactivity
Analog/Digital:	ANALOG
Engr Units/Dig States:	CPM
Engr Units Conversion:	N/A
Minimum Instr Range:	10
Maximum Instr Range:	1000000
Reference Point Notes:	Revision 11
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	SALG
Sensor Locations:	A/E discharge to Plant Vent.
Alarm/Trip Set Points:	1000
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	HALM SetPt. Based on 50 GPD Pri/Sec Leakage. Actual plant setting changes, but should be within 100 - 1000 CPM.

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	SG BD RAD
Point ID:	RM19A
Plant Spec Point Desc:	SG BLOWDOWN RAD MON RE-19
Generic/Cond Desc:	Stm Gen Blowdown Rad Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	CPM
Engr Units Conversion:	Counts per Minute
Minimum Instr Range:	10
Maximum Instr Range:	1000000
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	SALG
Sensor Locations:	S/G Blowdown sample common header
Alarm/Trip Set Points:	DC1 = 700, DC2 = 2500
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	MAIN SL 1
Point ID:	RM71A
Plant Spec Point Desc:	SG 1-1 STEAM LEAD RAD MON RE-71
Generic/Cond Desc:	Stm Gen 1 Steam Line Rad Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	CPM
Engr Units Conversion:	Counts per Minute
Minimum Instr Range:	10
Maximum Instr Range:	1000000
Reference Point Notes:	Revision 9
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	SALG
Sensor Locations:	Outside containment near steam lead
Alarm/Trip Set Points:	1000
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	MAIN SL 2
Point ID:	RM72A
Plant Spec Point Desc:	SG 1-2 STEAM LEAD RAD MON RE-72
Generic/Cond Desc:	Stm Gen 2 Steam Line Rad Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	CPM
Engr Units Conversion:	Counts per Minute
Minimum Instr Range:	10
Maximum Instr Range:	1000000
Reference Point Notes:	Revision 9
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	SALG
Sensor Locations:	outside containment near steam lead
Alarm/Trip Set Points:	1000
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	MAIN SL 3
Point ID:	RM73A
Plant Spec Point Desc:	SG 1-3 STEAM LEAD RAD MON RE-73
Generic/Cond Desc:	Stm Gen 3 Steam Line Rad Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	CPM
Engr Units Conversion:	Counts per Minute
Minimum Instr Range:	10
Maximum Instr Range:	1000000
Reference Point Notes:	Revision 9
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	SALG
Sensor Locations:	outside containment near steam lead
Alarm/Trip Set Points:	1000
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	MAIN SL 4
Point ID:	RM74A
Plant Spec Point Desc:	SG 1-4 STEAM LEAD RAD MON RE-74
Generic/Cond Desc:	Stm Gen 4 Steam Line Rad Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	CPM
Engr Units Conversion:	Counts per Minute
Minimum Instr Range:	10
Maximum Instr Range:	1000000
Reference Point Notes:	Revision 9
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	SALG
Sensor Locations:	Outside containment near steam lead
Alarm/Trip Set Points:	1000
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	LOW
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	CL TEMP 1
Point ID:	T0406A
Plant Spec Point Desc:	RCS LOOP 1-1 TCOLD
Generic/Cond Desc:	Stm Gen 1 Outlet Temperature
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Reference Point Notes:	Revision 14
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	RCP 1 Discharge
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	LOW
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	HL TEMP 1
Point ID:	T0419A
Plant Spec Point Desc:	RCS LOOP 1-1 THOT
Generic/Cond Desc:	Stm Gen 1 Inlet Temperature
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Reference Point Notes:	Revision 12
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	Loop 1 Hot Leg
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	CL TEMP 2
Point ID:	T0426A
Plant Spec Point Desc:	RCS LOOP 1-2 TCOLD
Generic/Cond Desc:	Stm Gen 2 Outlet Temperature
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Reference Point Notes:	Revision 14
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	RCP 2 Discharge
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	HL TEMP 2
Point ID:	T0439A
Plant Spec Point Desc:	RCS LOOP 1-2 THOT
Generic/Cond Desc:	Stm Gen 2 Inlet Temperature
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Reference Point Notes:	Revision 12
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	Loop 2 Hot Leg
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	LOW
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	CL TEMP 3
Point ID:	T0446A
Plant Spec Point Desc:	RCS LOOP 1-3 TCOLD
Generic/Cond Desc:	Stm Gen 3 Outlet Temperature
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Reference Point Notes:	Revision 14
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	RCP 3 Discharge
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	HL TEMP 3
Point ID:	T0459A
Plant Spec Point Desc:	RCS LOOP 1-3 THOT
Generic/Cond Desc:	Stm Gen 3 Inlet Temperature
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Reference Point Notes:	Revision 13
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	Loop 3 Hot Leg
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	CL TEMP 4
Point ID:	T0466A
Plant Spec Point Desc:	RCS LOOP 1-4 TCOLD
Generic/Cond Desc:	Stm Gen 4 Outlet Temperature
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Reference Point Notes:	Revision 13
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	RCP 4 Discharge
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	LOW
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	HL TEMP 4
Point ID:	T0479A
Plant Spec Point Desc:	RCS LOOP 1-4 THOT
Generic/Cond Desc:	Stm Gen 4 Inlet Temperature
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Reference Point Notes:	Revision 12
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	Loop 4 Hot Leg
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	SUB MARGIN
Point ID:	T2805A
Plant Spec Point Desc:	SUB COOLED MARGIN MONITOR
Generic/Cond Desc:	Saturation Temperature - Highest CET
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	-40
Maximum Instr Range:	200
Reference Point Notes:	Revision 12
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	N/A
Alarm/Trip Set Points:	LO = 30 degF, LO-LO = 20 degF
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	PRZR LEVEL
Point ID:	X00003
Plant Spec Point Desc:	PZR LVL - MIDDLE OF THE SCALE VALUES
Generic/Cond Desc:	Primary System Pressurizer Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	PCT
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	100
Reference Point Notes:	Revision 9
Zero Point Reference:	Top of Heaters = 17%
PROC or SENS:	PROC
Number of Sensors:	3
How Processed:	SMID
Sensor Locations:	PZR
Alarm/Trip Set Points:	HI = 70%, LO (letdown ISO) = 17%
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	Wet
Unique System Desc:	Median signal of three Xmitters.

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	TEMP CORE EX
Point ID:	X00008
Plant Spec Point Desc:	INCORE T/C MAX - HOTTEST TRAIN
Generic/Cond Desc:	Highest Temperature at the Core Exit
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	2300
Reference Point Notes:	Revision 11
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	65
How Processed:	HMAX
Sensor Locations:	Top of Rx Core
Alarm/Trip Set Points:	700 degF
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	REAC VES LEV
Point ID:	X00012
Plant Spec Point Desc:	REACTOR VESSEL LEVEL
Generic/Cond Desc:	Reactor Vessel Water Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	PCT
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	120
Reference Point Notes:	Revision 10
Zero Point Reference:	Bottom of Vessel
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	EXTR
Sensor Locations:	Reactor Vessel
Alarm/Trip Set Points:	Dependent on number of running RCP's
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	Yes
Level Reference Leg:	Wet
Unique System Desc:	100% = Top of vessel plus flow head.

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	CTMNT PRESS
Point ID:	X00025
Plant Spec Point Desc:	CONTAINMENT WR MAX PRESSURE
Generic/Cond Desc:	Containment Pressure
Analog/Digital:	ANALOG
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	-5
Maximum Instr Range:	200
Reference Point Notes:	Revision 9
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HMAX
Sensor Locations:	Inside containment
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	NI POWER RNG
Point ID:	X00028
Plant Spec Point Desc:	MAXIMUM POWER RANGE FLUX
Generic/Cond Desc:	Nuclear Instruments, Power Range
Analog/Digital:	ANALOG
Engr Units/Dig States:	PCT
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	120
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	4
How Processed:	EXTR
Sensor Locations:	4 quadrants surrounding Rx Vessel
Alarm/Trip Set Points:	109%
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	NI INTER RNG
Point ID:	X00031
Plant Spec Point Desc:	MAXIMUM INTERMEDIATE RANGE AMPS
Generic/Cond Desc:	Nuclear Instruments, Intermediate Range
Analog/Digital:	ANALOG
Engr Units/Dig States:	AMP
Engr Units Conversion:	N/A
Minimum Instr Range:	0.00000000001
Maximum Instr Range:	0.001
Reference Point Notes:	Revision 7
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	EXTR
Sensor Locations:	Opposite sides of Rx Vessel
Alarm/Trip Set Points:	Reactor Trip @ 25%
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	NI SOURCE RNG
Point ID:	X00035
Plant Spec Point Desc:	MAXIMUM SOURCE RANGE COUNTS
Generic/Cond Desc:	Nuclear Instruments, Source Range
Analog/Digital:	ANALOG
Engr Units/Dig States:	CPS
Engr Units Conversion:	Counts per Second
Minimum Instr Range:	1
Maximum Instr Range:	1000000
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HMAX
Sensor Locations:	Opposite sides of Rx Vessel
Alarm/Trip Set Points:	Reactor Trip @ 100000
NI Detector Power Supply Cut-off Power Level:	1.1E-10 (P6 Setpoint)
NI Detector Power Supply Turn-on Level:	6E-11 (P6 Reset)
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	CTMNT RAD
Point ID:	X00039
Plant Spec Point Desc:	MAXIMUM CONTAINMENT HI RAD
Generic/Cond Desc:	Radiation Level in the Containment
Analog/Digital:	ANALOG
Engr Units/Dig States:	MR/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	0.1
Maximum Instr Range:	10000
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	1
How Processed:	EXTR
Sensor Locations:	Containment Interior wall at access leve
Alarm/Trip Set Points:	21
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	X00045
Plant Spec Point Desc:	MAX PLANT VENT GAS
Generic/Cond Desc:	Radioactivity of Released Gases
Analog/Digital:	ANALOG
Engr Units/Dig States:	uCi/cc
Engr Units Conversion:	N/A
Minimum Instr Range:	
Maximum Instr Range:	0.22
Reference Point Notes:	Revision 9
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HMAX
Sensor Locations:	Plant Vent sample discharge
Alarm/Trip Set Points:	0.00091
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	LOW
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Inst. Range and indication calculated based on detector's 1E1 and 1E7 CPM output.

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	SG PRESS 1
Point ID:	X00056
Plant Spec Point Desc:	SG 1-1 STEAM PRESS
Generic/Cond Desc:	Steam Generator 1 Pressure
Analog/Digital:	ANALOG
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	1200
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HAVE
Sensor Locations:	S/G 1
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	LOW
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	SG PRESS 2
Point ID:	X00057
Plant Spec Point Desc:	SG 1-2 STEAM PRESS
Generic/Cond Desc:	Steam Generator 2 Pressure
Analog/Digital:	ANALOG
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	1200
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HAVE
Sensor Locations:	S/G 2
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	SG PRESS 3
Point ID:	X00058
Plant Spec Point Desc:	SG 1-3 STEAM PRESS
Generic/Cond Desc:	Steam Generator 3 Pressure
Analog/Digital:	ANALOG
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	1200
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HAVE
Sensor Locations:	S/G 3
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	SG PRESS 4
Point ID:	X00059
Plant Spec Point Desc:	SG 1-4 STEAM PRESS
Generic/Cond Desc:	Steam Generator 4 Pressure
Analog/Digital:	ANALOG
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	1200
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HAVE
Sensor Locations:	S/G 4
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	LOW
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	CTMNT SMP WR
Point ID:	X00063
Plant Spec Point Desc:	CONTAINMENT WR LEVEL
Generic/Cond Desc:	Containment Sump Wide Range Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	FT EL
Engr Units Conversion:	N/A
Minimum Instr Range:	64
Maximum Instr Range:	98
Reference Point Notes:	Revision 4
Zero Point Reference:	Bottom of Rx Cavity Sump
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HMAX
Sensor Locations:	Containment Sump
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	Dry
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	RCS CHG/MU
Point ID:	X00069
Plant Spec Point Desc:	CHARGING FLOW
Generic/Cond Desc:	Primary System Charging or Makeup Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	1000
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	1
How Processed:	EXTR
Sensor Locations:	Downstream of CCP's
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	BWST LEVEL
Point ID:	X00072
Plant Spec Point Desc:	MINIMUM RWST LEVEL
Generic/Cond Desc:	Borated Water Storage Tank Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	PCT
Engr Units Conversion:	INWC dP - PCT
Minimum Instr Range:	0
Maximum Instr Range:	100
Reference Point Notes:	Revision 8
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HMIN
Sensor Locations:	RWST
Alarm/Trip Set Points:	RHR Pump Trip @ 33% Level
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	Dry
Unique System Desc:	A minimum contained borated water volume of 400,000 gals.

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	RCS PRESSURE
Point ID:	X00092
Plant Spec Point Desc:	RCS PRESSURE
Generic/Cond Desc:	Reactor Coolant System Pressure
Analog/Digital:	ANALOG
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	3000
Reference Point Notes:	Revision 4
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HAVE
Sensor Locations:	Hot Leg 3/4
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	MN FD FL 1
Point ID:	X00165
Plant Spec Point Desc:	SG 1-1 FEED FLOW
Generic/Cond Desc:	Stm Gen 1 Main Feedwater Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	LB/HR
Engr Units Conversion:	INWC dP - 1bm/Hr
Minimum Instr Range:	0
Maximum Instr Range:	4200000
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	AVE
Sensor Locations:	Downstream of FWRV's
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	MN FD FL 2
Point ID:	X00166
Plant Spec Point Desc:	SG 1-2 FEED FLOW
Generic/Cond Desc:	Stm Gen 2 Main Feedwater Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	LB/HR
Engr Units Conversion:	INWC dP - 1bm/Hr
Minimum Instr Range:	0
Maximum Instr Range:	4200000
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	AVE
Sensor Locations:	Downstream of FWRV's
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	MN FD FL 3
Point ID:	X00167
Plant Spec Point Desc:	SG 1-3 FEED FLOW
Generic/Cond Desc:	Stm Gen 3 Main Feedwater Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	LB/HR
Engr Units Conversion:	INWC dP - 1bm/Hr
Minimum Instr Range:	0
Maximum Instr Range:	4200000
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	AVE
Sensor Locations:	Downstream of FWRV's
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	MN FD FL 4
Point ID:	X00168
Plant Spec Point Desc:	SG 1-4 FEED FLOW
Generic/Cond Desc:	Stm Gen 4 Main Feedwater Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	LB/HR
Engr Units Conversion:	INWC dP - 1bm/Hr
Minimum Instr Range:	0
Maximum Instr Range:	4200000
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	AVE
Sensor Locations:	Downstream of FWRV's
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	CORE FLOW
Point ID:	X00241
Plant Spec Point Desc:	NUMBER OF RCPS RUNNING
Generic/Cond Desc:	Total Reactor Coolant Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	NONE
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	4
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	EXTR
Sensor Locations:	N/A
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Point indicates number of Reactor Coolant Pumps Running

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	HP SI FLOW
Point ID:	X00250
Plant Spec Point Desc:	TOTAL SAFETY INJECTION FLOW
Generic/Cond Desc:	High Pressure Safety Injection Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	GPM
Engr Units Conversion:	INWC - GPM
Minimum Instr Range:	0
Maximum Instr Range:	1600
Reference Point Notes:	Revision 4
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	1
How Processed:	EXTR
Sensor Locations:	Upstream of SI Xtie
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	LP SI FLOW
Point ID:	X00251
Plant Spec Point Desc:	TOTAL RHR FLOW
Generic/Cond Desc:	Low Pressure Safety Injection Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	GPM
Engr Units Conversion:	INWC - GPM
Minimum Instr Range:	0
Maximum Instr Range:	10000
Reference Point Notes:	Revision 4
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	1
How Processed:	EXTR
Sensor Locations:	Hot Leg Inj. Downstream of RHR HX's
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	N/A
Unique System Desc:	Residual Heat Removal Flow

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	CTMNT TEMP
Point ID:	Y0701A
Plant Spec Point Desc:	CONTAINMENT TEMPERATURE
Generic/Cond Desc:	Containment Temperature
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	400
Reference Point Notes:	Revision 10
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	2
How Processed:	POLY
Sensor Locations:	N/A
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	WIND SPEED
Point ID:	UWINDSPD
Plant Spec Point Desc:	BEST ERDS WIND SPEED
Generic/Cond Desc:	Wind Speed at the Reactor Site
Analog/Digital:	ANALOG
Engr Units/Dig States:	M/S
Engr Units Conversion:	mph - M/S
Minimum Instr Range:	0
Maximum Instr Range:	44.7
Reference Point Notes:	Revision 3
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	EXTR
Sensor Locations:	N/A
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	WIND DIR
Point ID:	UWINDDIR
Plant Spec Point Desc:	BEST ERDS WIND DIRECTION
Generic/Cond Desc:	Wind Direction at the Reactor Site
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEG
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	360
Reference Point Notes:	Revision 3
Zero Point Reference:	True North = 0/360
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	EXTR
Sensor Locations:	Met Tower @ 10M and 76M
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Wind is FROM this direction

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC1
Data Feeder:	SPDS
NRC ERDS Parameter:	STAB CLASS
Point ID:	UWINDSTB
Plant Spec Point Desc:	BEST ERDS STABILITY
Generic/Cond Desc:	Air Stability at the Reactor Site
Analog/Digital:	ANALOG
Engr Units/Dig States:	
Engr Units Conversion:	Standard Stability Class A-G = 1-7
Minimum Instr Range:	0
Maximum Instr Range:	8
Reference Point Notes:	Revision 1
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	EXTR
Sensor Locations:	N/A
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Vertical stability deviation from dT and standard deviation of wind direction. Standard Pasquill stability class A-G = 1-7.

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	AX FD FL 1
Point ID:	FT50A
Plant Spec Point Desc:	SG 2-1 AFW FLOW FT-50
Generic/Cond Desc:	Stm Gen 1 Auxiliary Fw Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	GPM
Engr Units Conversion:	INWC dP - GPM
Minimum Instr Range:	0
Maximum Instr Range:	320
Reference Point Notes:	Revision 16
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	Down stream of Level Control Valves
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	Wet
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	AX FD FL 2
Point ID:	FT77A
Plant Spec Point Desc:	SG 2-2 AFW FLOW FT-77
Generic/Cond Desc:	Stm Gen 2 Auxiliary Fw Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	GPM
Engr Units Conversion:	INWC dP - GPM
Minimum Instr Range:	0
Maximum Instr Range:	320
Reference Point Notes:	Revision 13
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	Down stream of Level Control Valves
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	Wet
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	AX FD FL 3
Point ID:	FT78A
Plant Spec Point Desc:	SG 2-3 AFW FLOW FT-78
Generic/Cond Desc:	Stm Gen 3 Auxiliary Fw Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	GPM
Engr Units Conversion:	INWC dP - GPM
Minimum Instr Range:	0
Maximum Instr Range:	320
Reference Point Notes:	Revision 13
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	Down stream of Level Control Valves
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	Wet
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	AX FD FL 4
Point ID:	FT79A
Plant Spec Point Desc:	SG 2-4 AFW FLOW FT-79
Generic/Cond Desc:	Stm Gen 4 Auxiliary FW Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	GPM
Engr Units Conversion:	INWC dP - GPM
Minimum Instr Range:	0
Maximum Instr Range:	320
Reference Point Notes:	Revision 13
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	Down stream of Level Control Valves
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	Wet
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	H2 CONC
Point ID:	H2CONC
Plant Spec Point Desc:	CONTAINMENT HYDROGEN CONCENTRATION
Generic/Cond Desc:	Containment Hydrogen Concentration
Analog/Digital:	ANALOG
Engr Units/Dig States:	PCT
Engr Units Conversion:	Volume - Percent
Minimum Instr Range:	0
Maximum Instr Range:	10
Reference Point Notes:	Revision 4
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HMAX
Sensor Locations:	Containment
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	standby service

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	SG LEVEL 1
Point ID:	L0403A
Plant Spec Point Desc:	SG 2-1 WIDE RANGE LEVEL
Generic/Cond Desc:	Steam Generator 1 Water Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	PCT
Engr Units Conversion:	2.1%/Ft
Minimum Instr Range:	0
Maximum Instr Range:	100
Reference Point Notes:	Revision 13
Zero Point Reference:	3Ft above tube sheet
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	S/G 1
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	Wet
Unique System Desc:	Top of S/G tubes = 69%

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	SG LEVEL 2
Point ID:	L0423A
Plant Spec Point Desc:	SG 2-2 WIDE RANGE LEVEL
Generic/Cond Desc:	Steam Generator 2 Water Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	PCT
Engr Units Conversion:	2.1%/Ft
Minimum Instr Range:	0
Maximum Instr Range:	100
Reference Point Notes:	Revision 12
Zero Point Reference:	3Ft above tube sheet
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	S/G 2
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	Wet
Unique System Desc:	Top of S/G tubes = 69%

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	SG LEVEL 3
Point ID:	L0443A
Plant Spec Point Desc:	SG 2-3 WIDE RANGE LEVEL
Generic/Cond Desc:	Steam Generator 3 Water Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	PCT
Engr Units Conversion:	2.1%/Ft
Minimum Instr Range:	0
Maximum Instr Range:	100
Reference Point Notes:	Revision 12
Zero Point Reference:	3Ft above tube sheet
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	S/G 3
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	Wet
Unique System Desc:	Top of S/G tubes = 69%

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	SG LEVEL 4
Point ID:	L0463A
Plant Spec Point Desc:	SG 2-4 WIDE RANGE LEVEL
Generic/Cond Desc:	Steam Generator 4 Water Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	PCT
Engr Units Conversion:	2.1%/Ft
Minimum Instr Range:	0
Maximum Instr Range:	100
Reference Point Notes:	Revision 15
Zero Point Reference:	3Ft above tube sheet
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	S/G 4
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	Wet
Unique System Desc:	Top of S/G tubes = 69%

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	COND A/E RAD
Point ID:	RM15A
Plant Spec Point Desc:	SJAE GAS MON RE-15
Generic/Cond Desc:	Condenser Air Ejector Radioactivity
Analog/Digital:	ANALOG
Engr Units/Dig States:	CPM
Engr Units Conversion:	N/A
Minimum Instr Range:	10
Maximum Instr Range:	1000000
Reference Point Notes:	Revision 12
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	SALG
Sensor Locations:	A/E discharge to Plant Vent.
Alarm/Trip Set Points:	1000
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	HALM SetPt. Based on 50 GPD Pri/Sec Leakage. Actual plant setting changes, but should be within 100 - 1000 CPM.

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	SG BD RAD
Point ID:	RM19A
Plant Spec Point Desc:	SG BLOWDOWN RAD MON RE-19
Generic/Cond Desc:	Stm Gen Blowdown Rad Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	CPM
Engr Units Conversion:	Counts per Minute
Minimum Instr Range:	10
Maximum Instr Range:	1000000
Reference Point Notes:	Revision 11
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	SALG
Sensor Locations:	S/G Blowdown sample common header
Alarm/Trip Set Points:	DC1 = 700, DC2 = 2500
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	MAIN SL 1
Point ID:	RM71A
Plant Spec Point Desc:	SG 2-1 STEAM LEAD RAD MON RE-71
Generic/Cond Desc:	Stm Gen 1 Steam Line Rad Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	CPM
Engr Units Conversion:	Counts per Minute
Minimum Instr Range:	10
Maximum Instr Range:	1000000
Reference Point Notes:	Revision 12
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	SALG
Sensor Locations:	outside containment near steam lead
Alarm/Trip Set Points:	1000
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	LOW
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	MAIN SL 2
Point ID:	RM72A
Plant Spec Point Desc:	SG 2-2 STEAM LEAD RAD MON RE-72
Generic/Cond Desc:	Stm Gen 2 Steam Line Rad Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	CPM
Engr Units Conversion:	Counts per Minute
Minimum Instr Range:	10
Maximum Instr Range:	1000000
Reference Point Notes:	Revision 12
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	SALG
Sensor Locations:	Outside containment near steam lead
Alarm/Trip Set Points:	1000
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	MAIN SL 3
Point ID:	RM73A
Plant Spec Point Desc:	SG 2-3 STEAM LEAD RAD MON RE-73
Generic/Cond Desc:	Stm Gen 3 Steam Line Rad Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	CPM
Engr Units Conversion:	Counts per Minute
Minimum Instr Range:	10
Maximum Instr Range:	1000000
Reference Point Notes:	Revision 12
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	SALG
Sensor Locations:	outside containment near steam lead
Alarm/Trip Set Points:	1000
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	MAIN SL 4
Point ID:	RM74A
Plant Spec Point Desc:	SG 2-4 STEAM LEAD RAD MON RE-74
Generic/Cond Desc:	Stm Gen 4 Steam Line Rad Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	CPM
Engr Units Conversion:	Counts per Minute
Minimum Instr Range:	10
Maximum Instr Range:	1000000
Reference Point Notes:	Revision 12
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	SALG
Sensor Locations:	Outside containment near steam lead
Alarm/Trip Set Points:	1000
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	CL TEMP 1
Point ID:	T0406A
Plant Spec Point Desc:	RCS LOOP 2-1 TCOLD
Generic/Cond Desc:	Stm Gen 1 Outlet Temperature
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Reference Point Notes:	Revision 16
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	RCP 1 Discharge
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	HL TEMP 1
Point ID:	T0419A
Plant Spec Point Desc:	RCS LOOP 2-1 THOT
Generic/Cond Desc:	Stm Gen 1 Inlet Temperature
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Reference Point Notes:	Revision 15
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	Loop 1 Hot Leg
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	CL TEMP 2
Point ID:	T0426A
Plant Spec Point Desc:	RCS LOOP 2-2 TCOLD
Generic/Cond Desc:	Stm Gen 2 Outlet Temperature
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Reference Point Notes:	Revision 16
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	RCP 2 Discharge
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	HL TEMP 2
Point ID:	T0439A
Plant Spec Point Desc:	RCS LOOP 2-2 THOT
Generic/Cond Desc:	Stm Gen 2 Inlet Temperature
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Reference Point Notes:	Revision 15
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	Loop 2 Hot Leg
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	CL TEMP 3
Point ID:	T0446A
Plant Spec Point Desc:	RCS LOOP 2-3 TCOLD
Generic/Cond Desc:	Stm Gen 3 Outlet Temperature
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Reference Point Notes:	Revision 16
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	RCP 3 Discharge
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	LOW
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	HL TEMP 3
Point ID:	T0459A
Plant Spec Point Desc:	RCS LOOP 2-3 THOT
Generic/Cond Desc:	Stm Gen 3 Inlet Temperature
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Reference Point Notes:	Revision 16
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	Loop 3 Hot Leg
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	LOW
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	CL TEMP 4
Point ID:	T0466A
Plant Spec Point Desc:	RCS LOOP 2-4 TCOLD
Generic/Cond Desc:	Stm Gen 4 Outlet Temperature
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Reference Point Notes:	Revision 15
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	RCP 4 Discharge
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	HL TEMP 4
Point ID:	T0479A
Plant Spec Point Desc:	RCS LOOP 2-4 THOT
Generic/Cond Desc:	Stm Gen 4 Inlet Temperature
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Reference Point Notes:	Revision 15
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	Loop 4 Hot Leg
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	SUB MARGIN
Point ID:	T2805A
Plant Spec Point Desc:	SUB COOLED MARGIN MONITOR
Generic/Cond Desc:	Saturation Temperature - Highest CET
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	-40
Maximum Instr Range:	200
Reference Point Notes:	Revision 13
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	1
How Processed:	POLY
Sensor Locations:	N/A
Alarm/Trip Set Points:	LO = 30 degF, LO-LO = 20 degF
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	PRZR LEVEL
Point ID:	X00003
Plant Spec Point Desc:	PZR LVL - MIDDLE OF THE SCALE VALUES
Generic/Cond Desc:	Primary System Pressurizer Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	PCT
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	100
Reference Point Notes:	Revision 9
Zero Point Reference:	Top of Heaters = 17%
PROC or SENS:	PROC
Number of Sensors:	3
How Processed:	SMID
Sensor Locations:	PZR
Alarm/Trip Set Points:	HI = 70%, LO (letdown ISO) = 17%
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	Wet
Unique System Desc:	Median signal of three Xmitters.

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	TEMP CORE EX
Point ID:	X00008
Plant Spec Point Desc:	INCORE T/C MAX - HOTTEST TRAIN
Generic/Cond Desc:	Highest Temperature at the Core Exit
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	2300
Reference Point Notes:	Revision 9
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	65
How Processed:	HMAX
Sensor Locations:	Top of Rx Core
Alarm/Trip Set Points:	700 degF
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	REAC VES LEV
Point ID:	X00012
Plant Spec Point Desc:	REACTOR VESSEL LEVEL
Generic/Cond Desc:	Reactor Vessel Water Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	PCT
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	120
Reference Point Notes:	Revision 8
Zero Point Reference:	Bottom of Vessel
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	EXTR
Sensor Locations:	Reactor Vessel
Alarm/Trip Set Points:	Dependent on number of running RCP's
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	Yes
Level Reference Leg:	Wet
Unique System Desc:	100% = Top of vessel plus flow head.

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	CTMNT PRESS
Point ID:	X00025
Plant Spec Point Desc:	CONTAINMENT WR MAX PRESSURE
Generic/Cond Desc:	Containment Pressure
Analog/Digital:	ANALOG
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	-5
Maximum Instr Range:	200
Reference Point Notes:	Revision 9
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HMAX
Sensor Locations:	Inside containment
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	NI POWER RNG
Point ID:	X00028
Plant Spec Point Desc:	MAXIMUM POWER RANGE FLUX
Generic/Cond Desc:	Nuclear Instruments; Power Range
Analog/Digital:	ANALOG
Engr Units/Dig States:	PCT
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	120
Reference Point Notes:	Revision 4
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	4
How Processed:	EXTR
Sensor Locations:	4 quadrants surrounding Rx Vessel
Alarm/Trip Set Points:	109%
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	LOW
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	NI INTER RNG
Point ID:	X00031
Plant Spec Point Desc:	MAXIMUM INTERMEDIATE RANGE AMPS
Generic/Cond Desc:	Nuclear Instruments, Intermediate Range
Analog/Digital:	ANALOG
Engr Units/Dig States:	AMP
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000000000001
Maximum Instr Range:	0.001
Reference Point Notes:	Revision 5
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	EXTR
Sensor Locations:	Opposite sides of Rx Vessel
Alarm/Trip Set Points:	Reactor Trip @ 25%
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	NI SOURCE RNG
Point ID:	X00035
Plant Spec Point Desc:	MAXIMUM SOURCE RANGE COUNTS
Generic/Cond Desc:	Nuclear Instruments, Source Range
Analog/Digital:	ANALOG
Engr Units/Dig States:	CPS
Engr Units Conversion:	Counts per Second
Minimum Instr Range:	1
Maximum Instr Range:	1000000
Reference Point Notes:	Revision 4
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HMAX
Sensor Locations:	Opposite sides of Rx Vessel
Alarm/Trip Set Points:	Reactor Trip @ 100000
NI Detector Power Supply Cut-off Power Level:	1.1E-10 (P6 Setpoint)
NI Detector Power Supply Turn-on Level:	6E-11 (P6 Reset)
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	CTMNT RAD
Point ID:	X00039
Plant Spec Point Desc:	MAXIMUM CONTAINMENT HI RAD
Generic/Cond Desc:	Radiation Level in the Containment
Analog/Digital:	ANALOG
Engr Units/Dig States:	MR/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	0.1
Maximum Instr Range:	10000
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	1
How Processed:	EXTR
Sensor Locations:	Containment Interior wall at access leve
Alarm/Trip Set Points:	21
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	X00045
Plant Spec Point Desc:	MAX PLANT VENT GAS
Generic/Cond Desc:	Radioactivity of Released Gases
Analog/Digital:	ANALOG
Engr Units/Dig States:	uCi/cc
Engr Units Conversion:	N/A
Minimum Instr Range:	0.000000022
Maximum Instr Range:	0.22
Reference Point Notes:	Revision 8
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HMAX
Sensor Locations:	Plant Vent sample discharge
Alarm/Trip Set Points:	0.00091
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Inst. Range and indication calculated based on detector's 1E1 and 1E7 CPM output.

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	SG PRESS 1
Point ID:	X00056
Plant Spec Point Desc:	SG 2-1 STEAM PRESS
Generic/Cond Desc:	Steam Generator 1 Pressure
Analog/Digital:	ANALOG
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	1200
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HAVE
Sensor Locations:	S/G 1
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	SG PRESS 2
Point ID:	X00057
Plant Spec Point Desc:	SG 2-2 STEAM PRESS
Generic/Cond Desc:	Steam Generator 2 Pressure
Analog/Digital:	ANALOG
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	1200
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HAVE
Sensor Locations:	S/G 2
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	SG PRESS 3
Point ID:	X00058
Plant Spec Point Desc:	SG 2-3 STEAM PRESS
Generic/Cond Desc:	Steam Generator 3 Pressure
Analog/Digital:	ANALOG
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	1200
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HAVE
Sensor Locations:	S/G 3
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	SG PRESS 4
Point ID:	X00059
Plant Spec Point Desc:	SG 2-4 STEAM PRESS
Generic/Cond Desc:	Steam Generator 4 Pressure
Analog/Digital:	ANALOG
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	1200
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HAVE
Sensor Locations:	S/G 4
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	CTMNT SMP WR
Point ID:	X00063
Plant Spec Point Desc:	CONTAINMENT WR LEVEL
Generic/Cond Desc:	Containment Sump Wide Range Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	FT EL
Engr Units Conversion:	N/A
Minimum Instr Range:	64
Maximum Instr Range:	98
Reference Point Notes:	Revision 4
Zero Point Reference:	Bottom of Rx Cavity Sump
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HMAX
Sensor Locations:	Containment Sump
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	Dry
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	RCS CHG/MU
Point ID:	X00069
Plant Spec Point Desc:	CHARGING FLOW
Generic/Cond Desc:	Primary System Charging or Makeup Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	1000
Reference Point Notes:	Revision 4
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	1
How Processed:	EXTR
Sensor Locations:	Downstream of CCP's
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	BWST LEVEL
Point ID:	X00072
Plant Spec Point Desc:	MINIMUM RWST LEVEL
Generic/Cond Desc:	Borated Water Storage Tank Level
Analog/Digital:	ANALOG
Engr Units/Dig States:	PCT
Engr Units Conversion:	INWC dP - PCT
Minimum Instr Range:	0
Maximum Instr Range:	100
Reference Point Notes:	Revision 8
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HMIN
Sensor Locations:	RWST
Alarm/Trip Set Points:	RHR Pump Trip @ 33% Level
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	Dry
Unique System Desc:	A minimum contained borated water volume of 400,000 gals.

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	RCS PRESSURE
Point ID:	X00092
Plant Spec Point Desc:	RCS PRESSURE
Generic/Cond Desc:	Reactor Coolant System Pressure
Analog/Digital:	ANALOG
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	3000
Reference Point Notes:	Revision 4
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	HAVE
Sensor Locations:	Hot Leg 3/4
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	MN FD FL 1
Point ID:	X00165
Plant Spec Point Desc:	SG 2-1 FEED FLOW
Generic/Cond Desc:	Stm Gen 1 Main Feedwater Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	LB/HR
Engr Units Conversion:	INWC dP - 1bm/Hr
Minimum Instr Range:	0
Maximum Instr Range:	4200000
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	AVE
Sensor Locations:	Downstream of FWRV's
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	MN FD FL 2
Point ID:	X00166
Plant Spec Point Desc:	SG 2-2 FEED FLOW
Generic/Cond Desc:	Stm Gen 2 Main Feedwater Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	LB/HR
Engr Units Conversion:	INWC dP - 1bm/Hr
Minimum Instr Range:	0
Maximum Instr Range:	4200000
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	AVE
Sensor Locations:	Downstream of FWRV's
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	MN FD FL 3
Point ID:	X00167
Plant Spec Point Desc:	SG 2-3 FEED FLOW
Generic/Cond Desc:	Stm Gen 3 Main Feedwater Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	LB/HR
Engr Units Conversion:	INWC dP - 1bm/Hr
Minimum Instr Range:	0
Maximum Instr Range:	4200000
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	AVE
Sensor Locations:	Downstream of FWRV's
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	MN FD FL 4
Point ID:	X00168
Plant Spec Point Desc:	SG 2-4 FEED FLOW
Generic/Cond Desc:	Stm Gen 4 Main Feedwater Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	LB/HR
Engr Units Conversion:	INWC dP - 1bm/Hr
Minimum Instr Range:	0
Maximum Instr Range:	4200000
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	AVE
Sensor Locations:	Downstream of FWRV's
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	CORE FLOW
Point ID:	X00241
Plant Spec Point Desc:	NUMBER OF RCPS RUNNING
Generic/Cond Desc:	Total Reactor Coolant Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	NONE
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	4
Reference Point Notes:	Revision 4
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	EXTR
Sensor Locations:	N/A
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Point indicates number of Reactor Coolant Pumps Running

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	HP SI FLOW
Point ID:	X00250
Plant Spec Point Desc:	TOTAL SAFETY INJECTION FLOW
Generic/Cond Desc:	High Pressure Safety Injection Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	GPM
Engr Units Conversion:	INWC - GPM
Minimum Instr Range:	0
Maximum Instr Range:	1600
Reference Point Notes:	Revision 4
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	1
How Processed:	EXTR
Sensor Locations:	Upstream of SI Xtie
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	LP SI FLOW
Point ID:	X00251
Plant Spec Point Desc:	TOTAL RHR FLOW
Generic/Cond Desc:	Low Pressure Safety Injection Flow
Analog/Digital:	ANALOG
Engr Units/Dig States:	GPM
Engr Units Conversion:	INWC - GPM
Minimum Instr Range:	0
Maximum Instr Range:	10000
Reference Point Notes:	Revision 4
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	1
How Processed:	EXTR
Sensor Locations:	Hot Leg Inj. Downstream of RHR HX's
Alarm/Trip Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	None
Level Reference Leg:	N/A
Unique System Desc:	Residual Heat Removal Flow

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	CTMNT TEMP
Point ID:	Y0701A
Plant Spec Point Desc:	CONTAINMENT TEMPERATURE
Generic/Cond Desc:	Containment Temperature
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	400
Reference Point Notes:	Revision 12
Zero Point Reference:	N/A
PROC or SENS:	SENS
Number of Sensors:	2
How Processed:	POLY
Sensor Locations:	N/A
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	WIND SPEED
Point ID:	UWINDSPD
Plant Spec Point Desc:	BEST ERDS WIND SPEED
Generic/Cond Desc:	Wind Speed at the Reactor Site
Analog/Digital:	ANALOG
Engr Units/Dig States:	M/S
Engr Units Conversion:	mph - M/S
Minimum Instr Range:	0
Maximum Instr Range:	44.7
Reference Point Notes:	Revision 6
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	EXTR
Sensor Locations:	N/A
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	N/A

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	WIND DIR
Point ID:	UWINDDIR
Plant Spec Point Desc:	BEST ERDS WIND DIRECTION
Generic/Cond Desc:	Wind Direction at the Reactor Site
Analog/Digital:	ANALOG
Engr Units/Dig States:	DEG
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	360
Reference Point Notes:	Revision 4
Zero Point Reference:	True North = 0/360
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	EXTR
Sensor Locations:	Met Tower @ 10M and 76M
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Wind is FROM this direction

PWR DATA POINT LIBRARY REFERENCE FILE

Date:	12-10-1999
Reactor Unit:	DC2
Data Feeder:	SPDS
NRC ERDS Parameter:	STAB CLASS
Point ID:	UWINDSTB
Plant Spec Point Desc:	BEST ERDS STABILITY
Generic/Cond Desc:	Air Stability at the Reactor Site
Analog/Digital:	ANALOG
Engr Units/Dig States:	
Engr Units Conversion:	Standard Stability Class A-G = 1-7
Minimum Instr Range:	0
Maximum Instr Range:	8
Reference Point Notes:	Revision 3
Zero Point Reference:	N/A
PROC or SENS:	PROC
Number of Sensors:	2
How Processed:	EXTR
Sensor Locations:	N/A
Alarm/Trip Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation For D/P Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Vertical stability deviation from dT and standard deviation of wind direction. Standard Pasquill stability class A-G = 1-7.