



*Southern California Edison Company*

23 PARKER STREET  
IRVINE, CALIFORNIA 92718

R. M. ROSENBLUM  
MANAGER OF  
NUCLEAR REGULATORY AFFAIRS

TELEPHONE  
(714) 454-4806

September 10, 1992

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D. C. 20555

Gentlemen:

Subject: Docket Nos. 50-361 and 50-362  
Emergency Response Data System  
San Onofre Nuclear Generating Station  
Units 2 and 3

Reference: George Kalman (NRC) to Harold B. Ray (SCE), "Emergency Response  
Data System Implementation," February 5, 1992.

In the reference above, the NRC provided comments regarding the Emergency  
Response Data System at San Onofre Units 2 and 3. The purpose of this letter  
is to respond to the comments provided (Enclosure 1). Enclosure 2 of this  
letter provides an update to the Units 2 and 3 ERDS Data Point Library.

If you have any questions, please contact me.

Very truly yours,

Enclosures

cc: J. B. Martin, Regional Administrator, NRC Region V  
C. W. Caldwell, NRC Senior Resident Inspector, San Onofre Units 1, 2&3  
M. B. Fields, NRC Project Manager, San Onofre Units 2 and 3

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Enclosure 1

## Response to NRC comments on the ERDS Data Base

### 1. Pressurizer Level

NRC Question:

- a) A Unit conversion factor is needed (e.g., 1 percent = x inches).

SCE Response:

- a) A conversion of the 0 to 100% level to inches above the bottom of the pressurizer has been added to the Data Point Library (DPL) for the pressurizer.

NRC Question:

- b) In the unique system description field, a level for the top of the pressurizer heater bundle would be appropriate.

SCE Response:

- b) The top of the pressurizer heaters corresponds to a pressurizer level of 20%. This level has been added to the Unique System Description to denote the top of the proportional heaters.

### 2. Reactor Vessel Level

NRC Question:

- a) The zero reference level is given as UGS support plate for the vessel head level. This should be described in the unique system description field.

SCE Response:

- a) A zero reference above the fuel was added to the two level instrument Data Points Library points and the UGS (Upper Guide Support) reference was removed.

NRC Question:

- b) A unit conversion (percent to inches) should be provided.

SCE Response:

- b) A conversion from percent to the inches above the fuel was added to the Data Point Library for the reactor vessel level instruments.

### 3. Low Pressure Safety Injection (LPSI) Flow Rate.

NRC Question:

Is this a total LPSI flow rate?

SCE Response:

Yes. The point is the total Low Pressure Safety Injection flow rate and the DPL has been revised accordingly.

### 4. Reactor Coolant Flow

NRC Question:

The units for this parameter are given in AMPS. The unique system description should provide some method for deducing a flow rate based on the instrument readings provided to ERDS.

SCE Response:

A note was added to the DPL to identify the normal HOT (plant at normal operating temperature) reactor coolant pump AMPS range for 100% flow. Please note these are large pumps and the Amps can vary by approximately 40 Amps at normal operating speeds.

### 5. Steam Generator Levels

NRC Questions:

- a) A unit conversion factor is needed (percent to inches).

SCE Response:

- a) A unit conversion factor for percent to inches was added to the Data Point Library.

NRC Question

- b) The location of the top of the U-tubes with respect to this range should be described in the unique system description.

SCE Response

- b) The top of the U tubes are at 76.8% and a note for this has been added to the Unique System Description section.



## 6. Charging flow Rate

NRC Question:

The Charging Flow Rate data point was repeated as a high-pressure safety injection (HPSI) data point. The latter should be deleted.

SCE Response:

SCE has relabeled the point as charging pump flow only.

## 7. Main Steam Line Radiation Monitors

NRC Question:

No data points were provided for Main Steam Line Rad levels.

SCE Response:

A data point for each Main Steam Line Radiation Monitor was added to the DPL for the ERDS.

## 8. Volume Control Tank Level

NRC Question:

A unit conversion factor (percent to gallons) or tank capacity should be provided.

SCE Response:

We have added the tank capacity to the DPL as requested.

## 9. Containment Sump Level

NRC Question:

For the various Containment Sump Level data points a conversion of percent of feet to gallons of liquid should be provided.

SCE Response:

We have included a conversion of the normal Containment Sump Level from percent to gallons. Both Emergency sump level indicators have been changed from feet to gallons. However, for levels above the normal sump level indicator's range, we have estimated the volume using the best information available (a level above the normal sump range would indicate water flooding the containment floor).

## 10. Containment Radiation

NRC Questions:

For the containment Rad data point the term "RED CH AVAIL" should be explained.

SCE Response:

The "RED CH AVAIL" or Redundant Channel Available note was removed from the database.

## 11. Condenser Air Ejector Radiation

NRC Question:

For COND A/E RAD, the second portion of the unique system description needs clarification.

SCE Response:

SCE has clarified "E+3 CFM W/VAC PMP" to read "1000 CFM with Cond. Vacuum Pump Running". In other words, when the condenser vacuum pump is running (e.g., when drawing a vacuum during secondary plant startup) the sample flow rate is 1000 CFM or 50 times larger than the 20 CFM normal flow rate.

## 12. Lo and Med Vent Stack Effluent Radiation

NRC Question:

For the LO and MED VENT STACK EFF RAD data point, the unique system description should describe the multiple flows available. In addition, if there is a method for obtaining flow rate information for this path, it should be described here. For instance, if the flow rate is a computerized point, it should be sent. If it is available as an instrumented reading, the instrument should be provided.

SCE Response:

The "LOW MED HIGH" refer to the range of the radiation detectors rather than plant vent stack flow. The individual Plant Vent Stacks for Units 2 and 3 are combined at a common continuous exhaust air plenum and are released to the atmosphere through two parallel Vent Stacks. Total Plant Vent Stack release can be found by adding the Unit 2 monitor output to the Unit 3 monitor output and multiplying by the Vent Stack Flow rate. Therefore, SCE has noted "STK FLO=90415cfm Each STK SUM U2/3 MONITORS FOR RELEASE" in the Unique System Description block. Note that stack flow rate is given in cubic feet per minute.

### 13. Containment Purge Vent Stack Particulate and Noble Gas

NRC Question:

For the containment Purge Vent Stack Particulate and Noble Gas data points, does a conversion from CPM to micro-curies/cc or similar units exist?

SCE Response:

Yes. SCE has added a conversion factor for CPM to micro curies per Cubic Centimeter or micro curies per counts for the Purge Vent Stack Particulates in the Unique System Description Block.

### 14. Atmospheric Stability Class

NRC Question:

For ATMOSPHERIC STABILITY CLASS, it is not clear what you are sending. Are you sending a stability class? If so, in what format? Note that ERDS requires numerical data inputs, therefore, if you are sending stability class (i. e., A, B, etc.), they need to be converted to numbers for transmission and the description of that translation should appear in the unique system description. If you are sending a temperature differential between two elevations, then your units need to be updated and the elevation between the two points should be provided in the unique system description.

SCE Response:

SCE has converted the Atmospheric stability class letters A to G to numbers 1 to 7 and placed a note in the Unique System Description indicating that "1 to 7 = A to G Stability Classes"

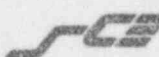
Enclosure 2

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The actual version of this document in the SCE document control system is a Revision 0 with FIDCN J-4579 attached. This document incorporates those changes as shaded fields so the NRC need only to review a single document.

INFORMATION ONLY

0	M	Date							
				Location SAN ONOFRE NUC. GEN. STATION UNIT 2&3					
				EMERGENCY RESPONSE DATA SYSTEM					
				DATA POINT LIBRARY REFERENCE FILE					
				 Southern California Edison Company					
No.	Revisions	Made	JQ No.	D/L	90052			0	



DWG NO. 90052  
REV. 0

## I. GENERAL DESCRIPTION

The Emergency Response Data System (ERDS) data point reference file for San Onofre Nuclear Generator Station Units 2 and 3 was provided to the Nuclear Regulatory Commission (NRC) in accordance with instructions found in reference D. The ERDS will allow the NRC to remotely monitor Key plant parameters when it is actuated during an event. The Data Point Library Reference File will be used to provide physical significance to the numerical data transmitted over ERDS for members of the NRC emergency response organization.

\*\*\*\*\*  
 \* CAUTION- THIS DOCUMENTS DATA BASE HAS BEEN PROVIDED TO LICENSING ON \*  
 \* JULY 23, 1991 BY SCE MEMO, REFERENCE E, AS SCE INPUT FOR THE ERDS DATA \*  
 \* POINT LIBRARY REFERENCE FILE FOR SONGS UNIT 2 & 3. ANY CHANGES NEED \*  
 \* TO BE PROVIDED TO SCE LICENSING. THE CHANGES MUST BE FORWARDED TO THE \*  
 \* USNRC EMERGENCY RESPONSE DATA SYSTEM PROJECT OFFICER MR. J.R. JOLICOEUR \*  
 \* OR HIS SUCCESSOR, SEE REFERENCE D, WITHIN 30 DAYS AFTER CHANGES ARE \*  
 \* COMPLETED TO ANY INDIVIDUAL PARAMETER. \*  
 \*\*\*\*\*

## II. REFERENCES

- A. NRC Generic Letter 89-15, dated August 21, 1989:  
Emergency Response Data System.
- B. SCE Letter, H.B. Ray to NRC, dated December 26, 1989:  
Response to Generic Letter 89-15.
- C. SCE Letter, F.R. Nandy to NRC, dated October 29, 1990:  
Response to NRC Questionnaire Regarding ERDS.
- D. NRC Letter, J.R. Jolicoeur to SCE, dated February 7, 1990:  
Data Point Library Reference File.
- E. SCE Memo, K.L. Johnson to Licensing, dated July 23, 1991:  
ERDS Data Point Library Reference File, SONGS Unit 2 and 3.
- F. MMP 2/3-6853.00SJ
- G. Federal Register-(56 FR 40178), dated August 13, 1991:  
Nuclear Regulatory Commission-10 CFR Part 50  
Emergency Response Data System; Final Rule.

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### III. DEFINITIONS

DATE: The date that this form is filled out or modified.

REACTOR UNIT: The nuclear power plant name and abbreviation.

DATA FEEDER: If there is more than one data feeder for your system, enter the acronym for the data feeder from which the point comes. If there is only one data feeder, enter "N/A" in this field.

NRC ERDS PARAMETER: One of the parameters from the enclosed BWR or PWR parameter list. A single value should be transmitted for each parameter for each loop. If not on the list, insert "Not Listed" or "NL".

POINT ID: Alphanumeric point description used to label the point during transmission.

PLANT-SPECIFIC POINT DESCRIPTION: Licensee computer point description for the transmitted point.

GENERIC OR CONDENSED DESCRIPTION: Parameter description from the enclosed list of points for a BWR or PWR. If not on the list, condense the plant-specific point description.

ANALOG/DIGITAL: "A" if the signal is analog or numerical or "D" if the signal is off/on.

ENGINEERING UNITS OR DIGITAL STATES: Engineering units used by the licensee for display on licensee output devices. Use the engineering units abbreviations from the enclosed list when possible. When specifying pressure, use "PSIA" or "PSIG" rather than "PSI". For digital signals, give the "OFF" and "ON" state descriptors.

ENGINEERING UNITS CONVERSION: Notes about any special features of the A/D conversion and scaling.

MINIMUM INSTRUMENT RANGE: Engineering units value below which data cannot go (bottom-of-scale value).

MAXIMUM INSTRUMENT RANGE: Engineering units value above which data cannot go (top-of-scale value).

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### III. DEFINITIONS (continued)

ZERO REFERENCE POINT: Zero-point of engineering units scale, used primarily for levels or heights. Use the zero reference point abbreviations from the enclosed list when possible.

REFERENCE POINT NOTES: Notes about the reference point or other important and special features of the parameter.

PROC OR SENS<sup>o</sup>: Is the point formed by processing more than one signal, or is the source a single sensor ("P" or "S")?

NUMBER OF SENSORS: The number of signals processed in a full calculation assuming no bypassed or inoperative sensors.

HOW PROCESSED: The processing algorithm (sum, average, weighted average, highest, lowest, or a short description).

SENSOR LOCATIONS: Description of the location(s) of the instrument(s) used.

ALARM OR TRIP SETPOINTS: The most important setpoints for the parameter. State whether the limit is high or low.

NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL: The power level at which the power supply for the NI detector switches off.

NI DETECTOR POWER SUPPLY TURN-ON POWER LEVEL: The power level at which the power supply for the NI detector switches on.

INSTRUMENT FAILURE MODE: The mode in which this instrument fails. Possible answers are HIGH, MEDIUM, or LOW. If available, provide the numeric value at which the instrument fails.

TEMPERATURE COMPENSATION FOR DP TRANSMITTERS: This question pertains to differential pressure transmitters. Possible answers are "YES" or "NO" ("Y" or "N"). If the answer is "NO", please attach a copy of the correction curve.

LEVEL REFERENCE LEG: The type of level measurement (dry or wet) used on the level reference leg.

UNIQUE SYSTEM DESCRIPTION: Additional important information which will assist the NRC Operations Center personnel in understanding how the plant team interprets the data.

IV. PARAMETER DESCRIPTION

CRITICAL SAFETY FUNCTION PARAMETERS  
FOR PRESSURIZED WATER REACTORS

<u>REACTIVITY CONTROL</u>	<u>PARAMETER DESCRIPTION</u>	<u>TYPICAL UNITS</u>
NI POWER RNG	Nuclear Instruments, Power Range	%
NI INTER RNG	Nuclear Instruments, Intermediate Range	AMP
NI SOURC RNG	Nuclear Instruments, Source Range	C/SEC
<u>CORE COOLING</u>		
REAC VES LEV	Reactor Vessel Water Level	IN
TEMP CORE EX	Highest Temperature at the Core Exit	F
SUB MARGIN	Saturation Temperature - Highest CET	F
CORE FLOW	Total Reactor Coolant Flow	MLB/HR
<u>STEAM GENERATORS</u>		
SG LEVEL 1/A	Steam Generator 1 (or A) Water Level	%
SG LEVEL 2/B	Steam Generator 2 (or B) Water Level	%
SG LEVEL 3/C	Steam Generator 3 (or C) Water Level	%
SG LEVEL 4/D	Steam Generator 4 (or D) Water Level	%
SG PRESS 1/A	Steam Generator 1 (or A) Pressure	PSIA
SG PRESS 2/B	Steam Generator 2 (or B) Pressure	PSIA
SG PRESS 3/C	Steam Generator 3 (or C) Pressure	PSIA
SG PRESS 4/D	Steam Generator 4 (or D) Pressure	PSIA
MN FD FL 1/A	Stm Gen 1 (or A) Main Feedwater Flow	LBM/HR
MN FD FL 2/B	Stm Gen 2 (or B) Main Feedwater Flow	LBM/HR
MN FD FL 3/C	Stm Gen 3 (or C) Main Feedwater Flow	LBM/HR
MN FD FL 4/D	Stm Gen 4 (or D) Main Feedwater Flow	LBM/HR
AX FD FL 1/A	Stm Gen 1 (or A) Auxiliary FW Flow	GPM
AX FD FL 2/B	Stm Gen 2 (or B) Auxiliary FW Flow	GPM
AX FD FL 3/C	Stm Gen 3 (or C) Auxiliary FW Flow	GPM
AX FD FL 4/D	Stm Gen 4 (or D) Auxiliary FW Flow	GPM
HL TEMP 1/A	Stm Gen 1 (or A) Inlet Temperature	F
HL TEMP 2/B	Stm Gen 2 (or B) Inlet Temperature	F
HL TEMP 3/C	Stm Gen 3 (or C) Inlet Temperature	F
HL TEMP 4/D	Stm Gen 4 (or D) Inlet Temperature	F
CL TEMP 1/A	Stm Gen 1 (or A) Outlet Temperature	F
CL TEMP 2/B	Stm Gen 2 (or B) Outlet Temperature	F
CL TEMP 3/C	Stm Gen 3 (or C) Outlet Temperature	F
CL TEMP 4/D	Stm Gen 4 (or D) Outlet Temperature	F

IV. PARAMETER DESCRIPTION (continued)

<u>REACTIVITY CONTROL</u>	<u>PARAMETER DESCRIPTION</u>	<u>TYPICAL UNITS</u>
<u>RCS INTEGRITY</u>		
RCS PRESSURE	Reactor Coolant System Pressure	PSIG
PRZR LEVEL	Primary System Pressurizer Level	%
RCS CHG/MU	Primary System Charging or Makeup Flow	GPM
HP SI FLOW	High Pressure Safety Injection Flow	GPM
LP SI FLOW	Low Pressure Safety Injection Flow	GPM
CTMNT SMP NR	Containment Sump Narrow Range Level	IN
CTMNT SMP WR	Containment Sump Wide Range Level	IN
<u>RADIOACTIVITY CONTROL</u>		
EFF GAS RAD	Radioactivity of Released Gases	MCI/HR
EFF LIQ RAD	Radioactivity of Released Liquids	MCI/HR
COND A/E RAD	Condenser Air Ejector Radioactivity	C/MIN
CNTMNT RAD	Radiation Level in the Containment	R/HR
RCS LTDN RAD	Rad Level of the RCS Letdown Line	C/SEC
MAIN SL 1/A	Stm Gen 1 (or A) Steam Line Rad Level	MR/HR
MAIN SL 2/B	Stm Gen 2 (or B) Steam Line Rad Level	MR/HR
MAIN SL 3/C	Stm Gen 3 (or C) Steam Line Rad Level	MR/HR
MAIN SL 4/D	Stm Gen 4 (or D) Steam Line Rad Level	MR/HR
SG BD RAD 1A	Stm Gen 1 (or A) Blowdown Rad Level	MR/HR
SG BD RAD 2B	Stm Gen 2 (or B) Blowdown Rad Level	MR/HR
SG BD RAD 3C	Stm Gen 3 (or C) Blowdown Rad Level	MR/HR
SG BD RAD 4D	Stm Gen 4 (or D) Blowdown Rad Level	MR/HR
<u>CONTAINMENT CONDITIONS</u>		
CTMNT PRESS	Containment Pressure	PSIG
CTMNT TEMP	Containment Temperature	F
H2 CONC	Containment Hydrogen Concentration	%
<u>MISCELLANEOUS PARAMETERS</u>		
BWST LEVEL	Borated Water Storage Tank Level	%
WIND SPEED	Wind Speed at the Reactor Site	MPH
WIND DIR	Wind Direction at the Reactor Site	DEG
STAB CLASS	Air Stability at the Reactor Site	



V. ENGINEERING UNITS CODING SCHEME

PSIG	=	Pounds per square inch gauge
PSIA	=	Pounds per square inch absolute
INH <sub>2</sub> O	=	Inches of Water Pressure
%	=	Percent
INCHES		
FEET		
FT&IN	=	Feet and inches
FTDEC	=	Feet and decimal feet
GAL	=	Gallons
LB	=	Pounds or pounds mass
GPM	=	Gallons per minute
KCPM	=	Thousands of gallons per minute
LB/HR	=	Pounds per hour
KLB/HR	=	Thousands of pounds per hour
MLB/HR	=	Millions of pounds per hour
CPM	=	Counts per minute
CPS	=	Counts per second
AMPS		
MAMPS	=	Milliamps
μAMPS	=	Microamps
DEGF	=	Degrees Fahrenheit
DEGC	=	Degrees Centigrade
MR/HR	=	Millirem per hour
R/HR	=	Rem per hour
CI/CC	=	Curies per CC
CI/ML	=	Curies per ML
μCI/CC	=	Microcuries per CC
μCI/ML	=	Microcuries per ML
CI/S	=	Curies per second
μCI/S	=	Microcuries per second
DEGFR	=	Degrees true (for wind direction from)
DEGTO	=	Degrees true (for wind direction to)
DF/FT	=	Degrees Fahrenheit per foot
DC/M	=	Degrees Centigrade per meter
DC/HM	=	Degrees Centigrade per 100 meters
DF/HFT	=	Degrees Fahrenheit per 100 feet
STABA	=	Stability class in form of A - G
STABI	=	Stability class in form of integer, where A = 1, B = 2
MPH	=	Miles per hour
M/S	=	Meters per second

## VI. ZERO REFERENCE CODING SCHEME

This field applies to levels and heights only. Leave it blank for temperatures, pressure, and flows. Give the physical point represented by the number zero for the parameter from the choices below.

TAF	=	Top of active fuel
UPHEAD	=	Upper head
LWHEAD	=	Lower head
MSSKRT	=	Moisture separator skirt
TOPHTR	=	Top of pressurizer heater bank
SURGE	=	Surge line penetration
SPRAY	=	At the spray nozzle
UTUBES	=	Top of S/GU tubes
TUBSHT	=	At S/G tube sheet
TNKBOT	=	Bottom of tank sump (e.g., CST)
COMPLX	=	Reference too complex for database entry
CNTFLR	=	Containment floor
SEALEV	=	Mean sea level

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ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: RCS PRESSURE

POINT ID: P102A

PLANT SPEC POINT DESC.: PZR PRESSURE WIDE RANGE

GENERIC/COND DESC.: RCS PRESSURE

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: PSIA

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 3000

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: INSIDE CTMNT ON 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: READS ZERO OR LESS

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: N/A

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: Apr11 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: NOT LISTED

POINT ID: T111XA

PLANT SPEC POINT DESC.: T HOT WIDE RANGE LOOP 1

GENERIC/COND DESC.: REACTOR COOLANT SYSTEM TEMP. RTD

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: DEGF

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 710

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: RCS HOT LEG LOOP 1

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: READS ZERO OR LESS

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: N/A

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: NOT LISTED

POINT ID: T121XB

PLANT SPEC POINT DESC.: T HOT WIDE RANGE LOOP 2

GENERIC/COND DESC.: REACTOR COOLANT SYSTEM TEMP. RTD

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: DEGF

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 710

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: 5

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: RCS HOT LEG LOOP 2

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: READS ZERO OR LESS

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: N/A



## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: NOT LISTED

POINT ID: T111YA

PLANT SPEC POINT DESC.: T COLD WIDE RANGE LOOP 1A

GENERIC/COND DESC.: REACTOR COOLANT SYSTEM TEMP. RTD

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: DEGF

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 710

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: RCS COLD LEG LOOP 1

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: READS ZERO OR LESS

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: N/A

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: NOT LISTED

POINT ID: T115B

PLANT SPEC POINT DESC.: T COLD WIDE RANGE LOOP 1B

GENERIC/COND DESC.: REACTOR COOLANT SYSTEM TEMP. RTD

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: DEGF

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 710

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: RCS COLD LEG LOOP 1

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: READS ZERO OR LESS

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: N/A

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S02
DATA FEEDER:	S021
NRC ERDS PARAMETER:	NOT LISTED
POINT ID:	T125A
PLANT SPEC POINT DESC.:	T COLD WIDE RANGE LOOP 2A
GENERIC/COND DESC.:	REACTOR COOLANT SYSTEM TEMP. RTD
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	710
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	RCS COLD LEG LOOP 2
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:	READS ZERO OR LESS
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	N/A

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: NOT LISTED

POINT ID: T121YB

PLANT SPEC POINT DESC.: T COLD WIDE RANGE LOOP 2B

GENERIC/COND DESC.: REACTOR COOLANT SYSTEM TEMP. RTD

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: DEGF

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 710

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: RCS COLD LEG LOOP 2

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: READS ZERO OR LESS

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: N/A

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S02
DATA FEEDER:	S021
NRC ERDS PARAMETER:	TEMP CORE EX
POINT ID:	KRCETA
PLANT SPEC POINT DESC.:	REP CORE EXIT TEMP A
GENERIC/COND DESC.:	TEMP CORE EX
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	32
MAXIMUM INSTR RANGE:	2300
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSORS:	28
HOW PROCESSED:	AVERAGE+DEVIATION
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:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	N/A



## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: SUB MARGIN  
 POINT ID: KCTSM  
 PLANT SPEC POINT DESC.: SATURATION MARGIN  
 GENERIC/COND DESC.: SUB MARGIN  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: DEGF  
 ENGR UNITS CONVERSION: N/A  
 MINIMUM INSTR RANGE: -2100  
 MAXIMUM INSTR RANGE: +700  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: P  
 NUMBER OF SENSORS: 56  
 HOW PROCESSED: CX  
 SENSOR LOCATIONS: CET STATISTICAL SUMMARY & PRZR PRESSURE  
 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: DISPLAYS LAST GOOD READING  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: T RPVCET-PZR SAT TEMP

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: PRZR LEVEL  
 POINT ID: L11CA  
 PLANT SPEC POINT DESC.: HOT CALIBRATED PRZR LEVEL  
 GENERIC/COND DESC.: PRZR LEVEL  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: %  
 ENGR UNITS CONVERSION: N/A  
 MINIMUM INSTR RANGE: 0  
 MAXIMUM INSTR RANGE: 100  
 ZERO POINT REFERENCE: 18"  
 REFERENCE POINT NOTES: RANGE 18" TO 360"  
 PROC OR SENS: S  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: N/A  
 SENSOR LOCATIONS: PRESSURIZER E087 BOTTOM NOZZLE  
 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: READS ZERO OR LESS  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS: Y  
 LEVEL REFERENCE DESC.: WET  
 UNIQUE SYSTEM DESC.: 0 TO 100% = 18" TO 360" PRZR LEVEL  
 TOP OF HEATERS = 20%

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: RCS CHG/MU  
 POINT ID: F212  
 PLANT SPEC POINT DESC.: CHARGING FLOW  
 GENERIC/COND DESC.: RCS CHG/MU  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: GPM  
 ENGR UNITS CONVERSION: SQUARE ROOT  
 MINIMUM INSTR RANGE: 0  
 MAXIMUM INSTR RANGE: 150  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: S  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: N/A  
 SENSOR LOCATIONS: CHG PMP LN PENETRATION AREA OUTSIDE CNTM  
 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: DISPLAYS LAST GOOD READING  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: 3 PD PMP:44 GPM @ 2250 PSIG EA

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	Apr 11 22, 1991
REACTOR UNIT:	S02
DATA FEEDER:	S021
NRC ERDS PARAMETER:	REAC VES LEV
POINT ID:	KRVLHDA
PLANT SPEC POINT DESC.:	RV LEVEL HEAD
GENERIC/COND DESC.:	REAC VES LEV
ANALOG/DIGITAL:	A
ENG: UNITS/DIG STATES:	1/2
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	100
ZERO POINT REFERENCE:	131" ABOVE TAF
REFERENCE POINT NOTES:	RANGE 131" TO 193" ABOVE TAF
PROC OR SENS:	P
NUMBER OF SENSORS:	3
HOW PROCESSED:	LOWEST OF EITHER CHANNEL
SENSOR LOCATIONS:	REACTOR VESSEL HEAD
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:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	0 TO 100% = 131" TO 193" ABOVE TAF

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S02
DATA FEEDER:	S021
NRC ERDS PARAMETER:	REAC VES LEV
POINT ID:	KRVLPLNA
PLANT SPEC POINT DESC.:	RV LEVEL PLENUM
GENERIC/COND DESC.:	REAC VES LEV
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	1/2
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	100
ZERO POINT REFERENCE:	32" ABOVE TAF
REFERENCE POINT NOTES:	RANGE 32" TO 131" ABOVE TAF
PROC OR SENS:	P
NUMBER OF SENSORS:	5
HOW PROCESSED:	LOWEST OF EITHER CHANNEL
SENSOR LOCATIONS:	REACTOR VESSEL PLENUM
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:	READS ZERO OR LESS
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	0 TO 100% = 32" TO 131" ABOVE TAF

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: Apr-11 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

WRC ERDS PARAMETER: NOT LISTED

POINT ID: YI9160A

PLANT SPEC POINT DESC.: RCP P001 AMPS LOOP 1A

GENERIC/COND DESC.: REACTOR COOLANT FLOW

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: AMPS

ENGR UNITS CONVERSION: LINEAR

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 1000

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: 6900V SWGR CUBICLE 1 BUS 2A01

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 560 TO 600 AMP IS NORMAL HOT 100% RCS FLOW



## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: NOT LISTED  
 POINT ID: YI9161A  
 PLANT SPEC POINT DESC.: RCP P003 AMPS LOOP 1B  
 GENERIC/COND DESC.: REACTOR COOLANT FLOW  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: AMPS  
 ENGR UNIT'S CONVERSION: LINEAR  
 MINIMUM INSTR RANGE: 0  
 MAXIMUM INSTR RANGE: 1000  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: S  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: N/A  
 SENSOR LOCATIONS: 6900V SWGR CUBICLE 3 BUS 2A02  
 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: DISPLAYS LAST GOOD READING  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: 560 TO 600 AMP IS HOT 100% RCS FLOW

ENCLOSURE

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: NOT LISTED

POINT ID: Y19162A

PLANT SPEC POINT DESC.: RCP P004 AMPS LOOP 2A

GENERIC/COND DESC.: REACTOR COOLANT FLOW

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: AMPS

ENGR UNITS CONVERSION: LINEAR

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 1000

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: 6900V SWGR CUBICLE 3 BUS 2A01

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 560 TO 600 AMPS IS HOT 100% RCS FLOW

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: NOT LISTED

POINT ID: YI9163A

PLANT SPEC POINT DESC.: RCP P002 AMPS LOOP 2B

GENERIC/COND DESC.: REACTOR COOLANT FLOW

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: AMPS

ENGR UNITS CONVERSION: LINEAR

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 1000

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: 5

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: 6900V SWGR CUBICLE 1 BUS 2A02

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 560 TO 600 AMPS IS HOT 100% RCS FLOW

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: NI SOURC RNG  
 POINT ID: XJ005  
 PLANT SPEC POINT DESC.: START UP COUNTS  
 GENERIC/COND DESC.: NI SOURC RNG  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: CPS  
 ENGR UNITS CONVERSION: LOG  
 MINIMUM INSTR RANGE: 1E-1  
 MAXIMUM INSTR RANGE: 1E+5  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: S  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: N/A  
 SENSOR LOCATIONS: E SIDE REACTOR VESSEL THIMBLE #5  
 ALARM/TRIP SET POINTS: N/A  
 NI DETECTOR POWER  
 SUPPLY CUT-OFF POWER  
 LEVEL: INC PWR  $\geq 3E-5\%$   
 NI DETECTOR POWER  
 SUPPLY TURN-ON POWER  
 LEVEL: DEC PWR  $< 3E-5\%$   
 INSTRUMENT FAILURE  
 MODE: DISPLAYS LAST GOOD READING  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: PWR LVL TURN OFF/ON INDICATION ONLY

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S02
DATA FEEDER:	S021
NRC ERDS PARAMETER:	NI INTER RNG
POINT ID:	N/A
PLANT SPEC POINT DESC.:	INTERMEDIATE RANGE
GENERIC/COND DESC.:	NI INTER RNG
ANALOG/DIGITAL:	N/A
ENGR UNITS/DIG STATES:	N/A
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	N/A
MAXIMUM INSTR RANGE:	N/A
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	N/A
NUMBER OF SENSORS:	N/A
HOW PROCESSED:	N/A
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 POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	N/A
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	COVERED BY POWER RANGE INST

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 20, 1991  
 REACTOR UNIT: 502  
 DATA FEEDER: 5021  
 N ERDS PARAMETER: NI POWER RNG  
 POINT ID: XJ002C  
 PLANT SPEC POINT DESC.: HI LOG POWER LEVEL  
 GENERIC/COND DESC.: NI POWER RNG  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: %  
 ENGR UNITS CONVERSION: LOG  
 MINIMUM INSTR RANGE: 2E-8  
 MAXIMUM INSTR RANGE: 200  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: S  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: N/A  
 SENSOR LOCATIONS: W SIDE REACTOR VESSEL THIMBLE #3  
 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: DISPLAYS LAST GOOD READING  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: DETECTOR TYPE: FISSION CHAMBERS



## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: SG PRESS 1

POINT ID: P1013A

PLANT SPEC POINT DESC.: STEAM GENERATOR 1 PRESSURE

GENERIC/COND DESC.: SG PRESS 1

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: PSIA

ENGR UNITS CONVERSION: LINEAR

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 1200

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: STEAM GENERATOR E089

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: N/A

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: SG PRESS 2

POINT ID: P1023A

PLANT SPEC POINT DESC.: STEAM GENERATOR 2 PRESSURE

GENERIC/COND DESC.: SG PRESS 2

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: PSIA

ENGR UNITS CONVERSION: LINEAR

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 1200

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: STEAM GENERATOR F088

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: N/A

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: SG LEVEL 1  
 POINT ID: LT1115  
 PLANT SPEC POINT DESC.: STEAM GENERATOR 1 LEVEL WIDE RANGE  
 GENERIC/COND DESC.: SG LEVEL 1  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: %  
 ENGR UNITS CONVERSION: L117003  
 MINIMUM INSTR RANGE: 0  
 MAXIMUM INSTR RANGE: 100  
 ZERO POINT REFERENCE: TUBSHT  
 REFERENCE POINT NOTES: AT S/G TUBE SHEET  
 PROC OR SENS: S  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: N/A  
 SENSOR LOCATIONS: STEAM GENERATOR E089  
 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: DISPLAYS LAST GOOD READING  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS: Y  
 LEVEL REFERENCE DESC.: WET  
 UNIQUE SYSTEM DESC.: 0 TO 100% = C" TO 494.5" S/G LEVEL  
 TOP OF U TUBES = 76.8%

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: Apr 11 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: SG LEVEL 2  
 POINT ID: LT1125  
 PLANT SPEC POINT DESC.: STEAM GENERATOR 2 LEVEL WIDE RANGE  
 GENERIC/COND DESC.: SG LEVEL 2  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: %  
 ENGR UNITS CONVERSION: LINEAR  
 MINIMUM INSTR RANGE: 0  
 MAXIMUM INSTR RANGE: 100  
 ZERO POINT REFERENCE: TUBSHT  
 REFERENCE POINT NOTES: AT S/G TUBE SHEET  
 PROC OR SENS: S  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: N/A  
 SENSOR LOCATIONS: STEAM GENERATOR E088  
 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: DISPLAYS LAST GOOD READING  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS: Y  
 LEVEL REFERENCE DESC.: WET  
 UNIQUE SYSTEM DESC.: 0 TO 100% = 0" TO 494.5" S/G LEVEL  
 TOP OF U TUBES = 76.8%

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: MN FD FL 1  
 POINT ID: FT1111  
 PLANT SPEC POINT DESC.: STEAM GENERATOR 1 MAIN FEEDWATER FLOW  
 GENERIC/COND DESC.: MN FD FL 1  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: GPM  
 ENGR UNITS CONVERSION: SQUARE ROOT  
 TRANSMITTER RANGE: 0  
 MAXIMUM RANGE: 16020  
 ZERO REFERENCE: N/A  
 POINT NOTES: N/A  
 SENSORS: S  
 SENSORS: 1  
 HOW PROCESSED: N/A  
 SENSOR LOCATIONS: ROOF OF SAFETY EQUIPMENT BUILDING  
 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: DISPLAYS LAST GOOD READING  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: N/A



## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: MN FD FL 2

POINT ID: FT1121

PLANT SPEC POINT DESC.: STEAM GENERATOR 2 MAIN FEEDWATER FLOW

GENERIC/COND DESC.: MN FD FL 2

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: GPM

ENGR UNITS CONVERSION: SQUARE ROOT

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 16020

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: ROOF OF SAFETY EQUIPMENT BUILDING

ALARM/TRIP SET POINTS: N/A

NI DETECTOR POWER  
SUPPLY CUT-GFF POWER  
LEVEL: N/A

NI DETECTOR POWER  
SUPPLY TURN-ON POWER  
LEVEL: N/A

INSTRUMENT FAILURE  
MODE: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: N/A



## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: 502

DATA FEEDER: 5021

NRC ERDS PARAMETER: AX FD FL 1

POINT ID: FT4725

PLANT SPEC POINT DESC.: STEAM GENERATOR 1 AUXILIARY FW FLOW

GENERIC/COND DESC.: AX FD FL 1

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: GPM

ENGR UNITS CONVERSION: SQUARE ROOT

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 800

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: AUX FD WTR TUNNEL NW OF CONTAINMENT

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: N/A

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: AX FD FL 2  
 POINT ID: FT4720  
 PLANT SPEC POINT DESC.: STEAM GENERATOR 2 AUXILIARY FW FLOW  
 GENERIC/COND DESC.: AX FD FL 2  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: GPM  
 ENGR UNITS CONVERSION: SQUARE ROOT  
 MINIMUM INSTR RANGE: 0  
 MAXIMUM INSTR RANGE: 800  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: S  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: N/A  
 SENSOR LOCATIONS: AUX FD WTR TUNNEL NW OF CONTAINMENT  
 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: DISPLAYS LAST GOOD READING  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: N/A

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: CHARGING FLOW

POINT ID: F212

PLANT SPEC POINT DESC.: CHARGING FLOWRATE

GENERIC/COND DESC.: CHARGING FLOW

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: GPM

ENGR UNITS CONVERSION: SQUARE ROOT

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 150

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: CHG PP LINE AT PENE AREA OUTSIDE CNTMT

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: N/A

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: HP SI FLOW  
 POINT ID: F311  
 PLANT SPEC POINT DESC.: HPSI FLOW LOOP 1A COLD LEG  
 GENERIC/COND DESC.: HP SI FLOW  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: GPM  
 ENGR UNITS CONVERSION: SQUARE ROOT  
 MINIMUM INSTR RANGE: 0  
 MAXIMUM INSTR RANGE: 500  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: S  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: N/A  
 SENSOR LOCATIONS: HPSI LINE AT PENE AREA OUTSIDE CNTMT  
 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: DISPLAYS LAST GOOD READING  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: 3 PMP @ 415 GPM @ 2830 FT EA

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: HP SI FLOW

POINT ID: F321

PLANT SPEC POINT DESC.: HPSI FLOW LOOP 1B COLD LEG

GENERIC/COND DESC.: HP SI FLOW

ANALOG/DIGITAL: A

ENGR UNITS/DTG STATES: GPM

ENGR UNITS CONVERSION: SQUARE ROOT

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 500

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: HPSI LINE AT PENE AREA OUTSIDE CNTMT

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 3 PMP @ 415 GPM @ 2830 FT EA

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: HP SI FLOW  
 POINT ID: F331  
 PLANT SPEC POINT DESC.: HYSI FLOW LOOP 2A COLD LEG  
 GENERIC/COND DESC.: HP SI FLOW  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: GPM  
 ENGR UNITS CONVERSION: SQUARE ROOT  
 MINIMUM INSTR RANGE: 0  
 MAXIMUM INSTR RANGE: 500  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: S  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: N/A  
 SENSOR LOCATIONS: HPSI LINE AT PENE AREA OUTSIDE CNTMT  
 ALARM/TRIP SET POINTS: N/A  
 HI DETECTOR POWER  
 SUPPLY CUT-OFF POWER  
 LEVEL: N/A  
 NI DETECTOR POWER  
 SUPPLY TURN-ON POWER  
 LEVEL: N/A  
 INSTRUMENT FAILURE  
 MODE: DISPLAYS LAST GOOD READING  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: 3 PMP @ 415 GPM @ 2830 FT EA



## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: HP SI FLOW

POINT ID: F341

PLANT SPEC POINT DESC.: HPSI FLOW LOOP 2B COLD LEG

GENERIC/COND DESC.: HP SI FLOW

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: GPM

ENGR UNITS CONVERSION: SQUARE ROOT

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 500

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: HPSI LINE RAD WSTE BLDG E OF EQUIP HATCH

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 3 PMP @ 415 GPM @ 2830 FT EA

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: HP SI FLOW  
 POINT ID: F390  
 PLANT SPEC POINT DESC.: HPSI FLOW LOOP 2 HOT LEG  
 GENERIC/COND DESC.: HP SI FLOW  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: GPM  
 ENGR UNITS CONVERSION: SQUARE ROOT  
 MINIMUM INSTR RANGE: 0  
 MAXIMUM INSTR RANGE: 500  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: S  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: N/A  
 SENSOR LOCATIONS: HPSI HDR 2 TO RC 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: DISPLAYS LAST GOOD READING  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: N/A

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S02
DATA FEEDER:	S021
NRC ERDS PARAMETER:	HP SI FLOW
POINT ID:	F391
PLANT SPEC POINT DESC.:	HPSI FLOW LOOP 1 HOT LEG
GENERIC/COND DESC.:	HP SI FLOW
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	GPM
ENGR UNITS CONVERSION:	SQUARE ROOT
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	500
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	5
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	HPSI HDR 1 TO RC LOOP 2 HOT LEG
ALARM/TRIP SET POINTS:	N/A
WI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
WI DETECTOR POWER SUPPLY TURN-ON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	N/A

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: LP SI FLOW  
 POINT ID: F306  
 PLANT SPEC POINT DESC.: LPSI/SDC FLOW  
 GENERIC/COND DESC.: LP SI FLOW  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: GPM  
 ENGR UNITS CONVERSION: SQUARE ROOT  
 MINIMUM INSTR RANGE: 0  
 MAXIMUM INSTR RANGE: 10000  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: S  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: N/A  
 SENSOR LOCATIONS: LPSI HDR IN SAFETY EQUIP BLDG  
 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: DISPLAYS LAST GOOD READING  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: 2 PMP @ 4150 GPM @ 342 FT EA, TOTAL FLOW RATE

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: NOT LISTED

POINT ID: L301

PLANT SPEC POINT DESC.: REFUEL WATER TK T005 LEVEL

GENERIC/COHD DESC.: REFUEL WATER TL LEVEL

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES:  $\frac{1}{2}$

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 100

ZERO POINT REFERENCE: TNKBOT

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: REFUEL WATER TK T005 IN TANK BLDG

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS: Y

LEVEL REFERENCE DESC.: DRY

UNIQUE SYSTEM DESC.: 244308 GAL CAP:2 RWST/UNIT



## PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S02
DATA FEEDER:	S021
NRC ERDS PARAMETER:	NOT LISTED
POINT ID:	L302
PLANT SPEC POINT DESC.:	REFUEL WATER TK T006 LEVEL
GENERIC/COND DESC.:	REFUEL WATER TK LEVEL
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	1/2
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	100
ZERO POINT REFERENCE:	TNKBOT
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	REFUEL WATER TK T006 IN TANK BLDG
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:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	Y
LEVEL REFERENCE DESC.:	DRY
UNIQUE SYSTEM DESC.:	244308 GAL CAP:2 RWST/UNIT



## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: NOT LISTED

POINT ID: L226

PLANT SPEC POINT DESC.: VOL. CONT. TK T077 LEVEL

GENERIC/COND DESC.: VOL. CONT. TK LEVEL

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: %

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 100

ZERO POINT REFERENCE: TNKBOT

REFERENCE POINT NOTES: 27 INCHES ABOVE TNKBOT

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: VOLUME CONTROL TK T077 AT RADWASTE BLDG

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS: Y

LEVEL REFERENCE DESC.: DRY

UNIQUE SYSTEM DESC.: VOL = 4780 GALLONS

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: CTMNT PRESS  
 POINT ID: P352A  
 PLANT SPEC POINT DESC.: CONTAINMENT PRESSURE WIDE RANGE  
 GENERIC/COND DESC.: CTMNT PRESS  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: PSIG  
 ENGR UNITS CONVERSION: N/A  
 MINIMUM INSTR RANGE: -4  
 MAXIMUM INSTR RANGE: +85  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: S  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: N/A  
 SENSOR LOCATIONS: PENETRATION AREA OUTSIDE CONTAINMENT  
 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: DISPLAYS LAST GOOD READING  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS: Y  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: REDUND WR CH AVAIL.

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: CTMNT TEMP

PJINT ID: TT99112

PLANT SPEC POINT DESC.: DOME TEMP

GENERIC/COND DESC.: CTMNT TEMP

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: DEGF

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 400

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: 0

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: INSIDE CONTAINMENT ELEV 30 FT

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: N/A

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S02
DATA FEEDER:	S021
NRC ERDS PARAMETER:	H2 CONC
POINT ID:	A18118A2
PLANT SPEC POINT DESC.:	CONTAINMENT H2
GENERIC/COND DESC.:	H2 CONC
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	%
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	10
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	INSIDE CONTAINMENT ELEV 70 FT
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:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	MANUAL INITIATE

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: 502  
 DATA FEEDER: 5021  
 NRC ERDS PARAMETER: NOT LISTED  
 POINT ID: LT58532  
 PLANT SPEC POINT DESC.: NORMAL SUMP LEVEL  
 GENERIC/COND DESC.: CTMNT NORMAL SUMP LEVEL  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: %  
 ENGR UNITS CONVERSION: N/A  
 MINIMUM INSTR RANGE: 0  
 MAXIMUM INSTR RANGE: 100  
 ZERO POINT REFERENCE: TNKBOT  
 REFERENCE POINT NOTES: SUMP BOTTOM  
 PROC OR SENS: P  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: CX  
 SENSOR LOCATIONS: INSIDE CTMNT ELEV 7 FT AT CTMNT SUMP  
 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: DISPLAYS LAST GOOD READING  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: 0% = 12' CONTAINMENT LEVEL. 100% = 17.5'  
 CONTAINMENT LEVEL. VOL = 900 GALLONS

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: CTMNT SMP WR  
 POINT ID: L9386A  
 PLANT SPEC POINT DESC.: EMERGENCY SUMP A LEVEL  
 GENERIC/COND DESC.: CTMNT SMP WR  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: FEET  
 ENGR UNITS CONVERSION: N/A  
 MINIMUM INSTR RANGE: 12  
 MAXIMUM INSTR RANGE: 19.75  
 ZERO POINT REFERENCE: TNKBOT  
 REFERENCE POINT NOTES: SUMP BOTTOM  
 PROC OR SENS: S  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: N, A  
 SENSOR LOCATIONS: INSIDE CTMNT ELEV 15 FT AT EMERG SUMP  
 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: READS 12 FEET OR LESS  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: 12' TO 18.16' = VOL OF 2186 GAL HOT  
 18.16' TO 19.75' = VOL OF 257,054 GAL HOT



## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: Apr 11 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: CTMNT SMP WR  
 POIN: ID: L9389B  
 PLANT SPEC POINT DESC.: EMERGENCY SUMP B LEVEL  
 GENERIC/COND DESC.: CTMNT SMP WR  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: FEET  
 ENGR UNITS CONVERSION: N/A  
 MINIMUM INSTR RANGE: 12  
 MAXIMUM INSTR RANGE: 19.75  
 ZERO POINT REFERENCE: TNKBOT  
 REFERENCE POINT NOTES: SUMP BOTTOM  
 PROC OR SENS: S  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: N/A  
 SENSOR LOCATIONS: INSIDE CTMNT ELEV 15 FT AT EMERG SUMP  
 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: READS 12 FEET OR LESS  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.:  
 12' TO 18.16' = VOL OF 2186 GAL HOT  
 18.16' TO 19.75' = VOL OF 257,054 GAL HOT

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: CTMNT SMP WR  
 POINT ID: L9387A  
 PLANT SPEC POINT DESC.: CONTAINMENT LEVEL  
 GENERIC/COND DESC.: CTMNT SMP WR  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: FEET  
 ENGR UNITS CONVERSION: N/A  
 MINIMUM INSTR RANGE: 18.167  
 MAXIMUM INSTR RANGE: 30.167  
 ZERO POINT REFERENCE: CNTFLR  
 REFERENCE POINT NOTES: CONTAINMENT FLOOR @ 18.167 FEET  
 PROC OR SENS: S  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: N/A  
 SENSOR LOCATIONS: INSIDE CTMNT ELEV 15 FT  
 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: READS 18.167 FEET OR LESS  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: 18.167' TO 30.167' = VOL OF APPROX 2,000,000 GAL HOT

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: NOT LISTED

POINT ID: R202

PLANT SPEC POINT DESC.: TOTAL ACTIVITY LETDOWN

GENERIC/COND DESC.: LETDOWN LINE RAD MON

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: CPM

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 10

MAXIMUM INSTR RANGE: 1E+7

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: RADWASTE BLDG ELEV 24 FT

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 4.7E-9UC/CC/CPM

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: CTMNT RAD

POINT ID: R7B20A

PLANT SPEC POINT DESC.: CONTAINMENT RAD CH A

GENERIC/COND DESC.: CTMNT RAD

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: RAD/HR

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 1

MAXIMUM INSTR RANGE: 1E+8

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: INSIDE CTMNT ELEV 95 FT

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: READS 1 RAD/HR OR LESS

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: N/A

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: COND A/E RAD  
 POINT ID: R7870LA  
 PLANT SPEC POINT DESC.: COND AIR EJECT RAD LO  
 GENERIC/COND DESC.: COND A/E RAD  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: UCI/CC  
 ENGR UNITS CONVERSION: N/A  
 MINIMUM INSTR RANGE: 1E-7  
 MAXIMUM INSTR RANGE: 1E-1  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: P  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: CX  
 SENSOR LOCATIONS: ON AIR EJECT EXH ELEV 30 FT TURBINE BLDG  
 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: READS 1E-7 UCI/CC OR LESS  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: 20 CFM NORM FLO, 1000 CFM WITH COND VACUUM PUMP RUNNING

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: COND A/E RAD  
 POINT ID: R7870MA  
 PLANT SPEC POINT DESC.: COND AIR EJECT RAD MON ID  
 GENERIC/COND DESC.: COND A/E RAD  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: UCI/CC  
 ENGR UNITS CONVERSION: N/A  
 MINIMUM INSTR RANGE: 1E-4  
 MAXIMUM INSTR RANGE: 1E+2  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: P  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: CX  
 SENSOR LOCATIONS: ON AIR EJECT EXH ELEV 30 FT TURBINE BLDG  
 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: READS 1E-4 UCI/CC OR LESS  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: 20 CFM NORM FLO, 1000 CFM WITH COND VACUUM PUMP RUNNING



## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: 502  
 DATA FEEDER: 5021  
 NRC ERDS PARAMETER: COND A/E RAD  
 POINT ID: R7870HA  
 PLANT SPEC POINT DESC.: COND AIR EJECT RAD HI  
 GENERIC/COND DESC.: COND A/E RAD  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: UCI/CC  
 ENGR UNITS CONVERSION: N/A  
 MINIMUM INSTR RANGE: 1E-1  
 MAXIMUM INSTR RANGE: 1E+5  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: P  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: CX  
 SENSOR LOCATIONS: ON AIR EJECT EXH ELEV 30 FT TURBINE BLDG  
 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: READS 1E-1 UCI/CC OR LESS  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: 20 CFM NORM FLO, 1000 CFM WITH COND VACUUM PUMP RUNNING

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: EFF GAS RAD  
 POINT ID: R7865LA  
 PLANT SPEC POINT DESC.: PLANT VENT STACK EFF RAD LO U2  
 GENERIC/COND DESC.: EFF GAS RAD  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: UCI/CC  
 ENGR UNITS CONVERSION: N/A  
 MINIMUM INSTR RANGE: 1E-7  
 MAXIMUM INSTR RANGE: 1E-1  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: P  
 NUMBER OF SENSORS: 2  
 HOW PROCESSED: CX  
 SENSOR LOCATIONS: ISOKINETIC NOZZLE EL 130 FT PLANT STACK  
 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: READS 1E-7 UCI/CC OR LESS  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: STK FLO = 90415 CFM EACH STK. SUM U2/3 MONITORS FOR TOTAL RELEASE

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: EFF GAS RAD  
 POINT ID: R7865MA  
 PLANT SPEC POINT DESC.: PLANT VENT STACK EFF RAD MED U2  
 GENERIC/COND DESC.: EFF GAS RAD  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: UCI/CC  
 ENGR UNITS CONVERSION: N/A  
 MINIMUM INSTR RANGE: 1E-4  
 MAXIMUM INSTR RANGE: 1E+2  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: P  
 NUMBER OF SENSORS: 2  
 HOW PROCESSED: CX  
 SENSOR LOCATIONS: ISOKINETIC NOZZLE EL 136 FT PLANT STACK  
 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: READS 1E-4 UCI/CC OR LESS  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: STK FLO = 90415 CFM EACH STK. SUM U2/3 MONITORS FOR TOTAL RELEASE

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: EFF GAS RAD  
 POINT ID: R7865HA  
 PLANT SPEC POINT DESC.: PLANT VENT STACK EFF RAD HI U2  
 GENERIC/COND DESC.: EFF GAS RAD  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: UCI/CC  
 ENGR UNITS CONVERSION: N/A  
 MINIMUM INSTR RANGE: 1E-1  
 MAXIMUM INSTR RANGE: 1E+5  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: P  
 NUMBER OF SENSORS: 2  
 HOW PROCESSED: CX  
 SENSOR LOCATIONS: ISOKINETIC NOZZLE EL 130 FT PLANT STACK  
 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: READS 1E-1 UCI/CC OR LESS  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: STK FLO=90415 CFM EACH STK. SUM U2/3 MONITORS FOR TAIL RELEASE

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: EFF GAS RAD  
 POINT ID: RT7828A  
 PLANT SPEC POINT DESC.: CONTAINMENT PURGE VENT STACK ICDINE  
 GENERIC/COND DESC.: EFF GAS RAD  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: CPM  
 ENGR UNITS CONVERSION: N/A  
 MINIMUM INSTR RANGE: 1E+1  
 MAXIMUM INSTR RANGE: 1E+7  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: P  
 NUMBER OF SENSORS: 2  
 HOW PROCESSED: CX  
 SENSOR LOCATIONS: ISOKINETIC NOZZLE EL 133 CTMNT PURGE STK  
 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: DISPLAYS LAST GOOD READING  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: FLO=40KCFM

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S02
DATA FEEDER:	S021
NRC ERDS PARAMETER:	EFF GAS RAD
POINT ID:	RT7828G
PLANT SPEC POINT DESC.:	CONTAINMENT PURGE VENT STACK PARTIC ACT
GENERIC/COND DESC.:	EFF GAS RAD
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	CPM
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	1E+1
MAXIMUM INSTR RANGE:	1E+7
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSORS:	2
HOW PROCESSED:	CX
SENSOR LOCATIONS:	ISOKINETIC NOZZLE EL 133 CTMNT PURGE STK
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:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	1.23 X 10 E-7 UCI/COUNTS



## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: EFF GAS RAD  
 POINT ID: RT7828C  
 PLANT SPEC POINT DESC.: CONTAINMENT PURGE VENT STACK NOBLE GAS  
 GENERIC/COND DESC.: EFF GAS RAD  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: CPM  
 ENGR UNITS CONVERSION: N/A  
 MINIMUM INSTR RANGE: 1E+1  
 MAXIMUM INSTR RANGE: 1E+7  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: P  
 NUMBER OF SENSORS: 2  
 HOW PROCESSED: CX  
 SENSOR LOCATIONS: ISOKINETIC NOZZLE EL 133 CTMNT PURGE STK  
 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: DISPLAYS LAST GOOD READING  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE L<sup>5</sup>SC.: N/A  
 UNIQUE SYSTEM DESC : NORMAL FLO=2000 CFM, 5.38 X 10 E-8 UCI/CC/CPM

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: EFF LIQ RAD  
 POINT ID: RT7813  
 PLANT SPEC POINT DESC.: RADWASTE DISCHARGE  
 GENERIC/COND DESC.: EFF LIQ RAD  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: CPM  
 ENGR UNITS CONVERSION: N/A  
 MINIMUM INSTR RANGE: 1E+1  
 MAXIMUM INSTR RANGE: 1E+7  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: S  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: N/A  
 SENSOR LOCATIONS: RADWASTE DISCH LINE RADWASTE BLDG RM103G  
 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: DISPLAYS LAST GOOD READING  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: 4.5E-9UC/CC/CPM:CMN U2/3:50 GPM MAX FLO

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S02
DATA FEEDER:	S021
NRC ERDS PARAMETER:	SG BD RAD
POINT ID:	RT7817
PLANT SPEC POINT DESC.:	NUETRALIZATION SUMP SG BLOWDOWN
GENERIC/COND DESC.:	SG BD RAD
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	CPM
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	1E+1
MAXIMUM INSTR RANGE:	1E+7
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	NUETRALIZATION SUMP DISCH LINE TURB BLDG
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:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	4.7UC/CC/CPM

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S012  
 NRC ERDS PARAMETER: WIND SPEED  
 POINT ID: SPD10M  
 PLANT SPEC POINT DESC.: WIND SPEED 10 METER LEVEL  
 GENERIC/COND DESC.: WIND SPEED  
 ANALOG/DIGITAL: A  
 ENGR UNITS/DIG STATES: MPH  
 ENGR UNITS CONVERSION: N/A  
 MINIMUM INSTR RANGE: 0  
 MAXIMUM INSTR RANGE: 50  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: P  
 NUMBER OF SENSORS: 2  
 HOW PROCESSED: TA  
 SENSOR LOCATIONS: METEOROLOGICAL TOWER RESERVOIR & LUFF AREA  
 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: DISPLAYS LAST GOOD READING  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.:

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S02
DATA FEEDER:	S012
NRC ERDS PARAMETER:	WIND DIR
POINT ID:	DIR10M
PLANT SPEC POINT DESC.:	WIND DIRECTION 10 METER LEVEL
GENERIC/COND DESC.:	WIND DIR
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGFR
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	360
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSORS:	2
HOW PROCESSED:	TA
SENSOR LOCATIONS:	METEOROLOGICAL TOWER RESERVOIR BLUFF AREA
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:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S02
DATA FEEDER:	S012
NRC ERDS PARAMETER:	STAB CLASS
POINT ID:	STABA
PLANT SPEC POINT DESC.:	STABILITY CLASS
GENERIC/COND DESC.:	STAB CLASS
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	STABA
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	1
MAXIMUM INSTR RANGE:	7
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSORS:	3
HOW PROCESSED:	SU
SENSOR LOCATIONS:	METEOROLOGICAL TOWER RESERVOIR BLUFF AREA
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:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	1 TO 7 = A TO G STABILITY CLASS



## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: NOT LISTED

POINT ID: YS9160A

PLANT SPEC POINT DESC.: RCP P001 PUMP BREAKER LOOP 1A

GENERIC/COND DESC.: RCP 1A PUMP BREAKER

ANALOG/DIGITAL: D

ENGR UNITS/DIG STATES: N/A

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 1

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: 6900V SWGR CUBICLE 1 EUS 2A01

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: OFF

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 0 = OFF, 1 = ON

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
 REACTOR UNIT: S02  
 DATA FEEDER: S021  
 NRC ERDS PARAMETER: NOT LISTED  
 POINT ID: YS9161A  
 PLANT SPEC POINT DESC.: RCP P003 PUMP BREAKER LOOP 1B  
 GENERIC/COND DESC.: RCP 1B PUMP BREAKER  
 ANALOG/DIGITAL: D  
 ENGR UNITS/DIG STATES: N/A  
 ENGR UNITS CONVERSION: N/A  
 MINIMUM INSTR RANGE: 0  
 MAXIMUM INSTR RANGE: 1  
 ZERO POINT REFERENCE: N/A  
 REFERENCE POINT NOTES: N/A  
 PROC OR SENS: S  
 NUMBER OF SENSORS: 1  
 HOW PROCESSED: N/A  
 SENSOR LOCATIONS: 6900V SWGR CUBICLE 3 BUS 2A02  
 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: OFF  
 TEMPERATURE COMPENSATION  
 FOR DP TRANSMITTERS:  
 LEVEL REFERENCE DESC.: N/A  
 UNIQUE SYSTEM DESC.: 0 = OFF, 1 = ON

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: NOT LISTED

POINT ID: YS9162A

PLANT SPEC POINT DESC.: RCP P004 PUMP BREAKER LOOP 2A

GENERIC/COND DESC.: RCP 2A PUMP BREAKER

ANALOG/DIGITAL: D

ENGR UNITS/DIG STATES: N/A

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 1

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PRGC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: 6900V SWGR CUBICLE 3 BUS 2A01

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: OFF

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 0 = OFF, 1 = ON

## PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S02

DATA FEEDER: SC?1

NRC ERDS PARAMETER: NOT LISTED

POINT ID: YS9163A

PLANT SPEC POINT DESC.: RCP P002 PUMP BREAKER LOOP 2B

GENERIC/COND DESC.: RCP 2B PUMP BREAKER

ANALOG/DIGITAL: D

ENGR UNITS/DIG STATES: N/A

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 1

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: 6900V SWGR CUBICLE 1 BUS 2A02

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: OFF

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 0 = OFF, 1 = ON

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S03
DATA FEEDER:	S031
NRC ERD, PARAMETER:	RCS PRESSURE
POINT ID:	P102A
PLANT SPEC POINT DESC.:	RCS PRESSURE
GENERIC/COND DESC.:	REACTOR COOLANT SYSTEM PRESSURE
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	PSIA
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	3000
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	INSIDE CTMNT ON 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:	READS ZERO OR LESS
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	N/A

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DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S03
DATA FEEDER:	S031
NRC ERDS PARAMETER:	NOT LISTED
POINT ID:	T111XA
PLANT SPEC POINT DESC.:	T HOT WIDE RANGE LOOP 1
GENERIC/COWD DESC.:	REACTOR COOLANT SYSTEM TEMP. RTD
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	710
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	RCS HOT LEG LOOP 1
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:	READS ZERO OR LESS
TEMPERATURE COMPENSATION FOR CP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	N/A

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S03
DATA FEEDER:	S031
NRC ERDS PARAMETER:	NOT LISTED
POINT ID:	T121XB
PLANT SPEC POINT DESC.:	T HOT WIDE RANGE LOOP 2
GENERIC/COND DESC.:	REACTOR COOLANT SYSTEM TEMP. RTD
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	710
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	RCS HOT LEG LOOP 2
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:	READS ZERO OR LESS
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	N/A

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
REACTOR UNIT: S03  
DATA FEEDER: S031  
NRC ERDS PARAMETER: NOT LISTED  
POINT ID: T111YA  
PLANT SPEC POINT DESC.: T COLD WIDE RANGE LOOP 1A  
GENERIC/COND DESC.: REACTOR COOLANT SYSTEM TEMP. RTD  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: DEGF  
ENGR UNITS CONVERSION: N/A  
MINIMUM INSTR RANGE: 0  
MAXIMUM INSTR RANGE: 710  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: RCS COLD LEG LOOP 1  
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: READS ZERO OR LESS  
TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:  
LEVEL REFERENCE DESC.: N/A  
UNIQUE SYSTEM DESC.: N/A

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
REACTOR UNIT: S03  
DATA FEEDER: S031  
NRC ERDS PARAMETER: NOT LISTED  
POINT ID: T115B  
PLANT SPEC POINT DESC.: / COLD WIDE RANGE LOOP 1B  
GENERIC/COND DESC.: REACTOR COOLANT SYSTEM TEMP. RTD  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: DEGR  
ENGR UNITS CONVERSION: N/A  
MINIMUM INSTR RANGE: 0  
MAXIMUM INSTR RANGE: 710  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: RCS COLD LEG LOOP 1  
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: READS ZERO OR LESS  
TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:  
LEVEL REFERENCE DESC.: N/A  
UNIQUE SYSTEM DESC.: N/A

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
REACTOR UNIT: S03  
DATA FEEDER: S031  
NRC ERDS PARAMETER: NOT LISTED  
POINT ID: T125A  
PLANT SPEC POINT DESC.: T COLD WIDE RANGE LOOP 2A  
GENERIC/COND DESC.: REACTOR COOLANT SYSTEM TEMP. RTD  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: DEGF  
ENGR UNITS CONVERSION: N/A  
MINIMUM INSTR RANGE: C  
MAXIMUM INSTR RANGE: 710  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: RCS COLD LEG LOOP 2  
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: READS ZERO OR LESS  
TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:  
LEVEL REFERENCE DESC.: N/A  
UNIQUE SYSTEM DESC.: N/A

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S03
DATA FEEDER:	S031
NRC ERDS PARAMETER:	NOT LISTED
POINT ID:	T121YB
PLANT SPEC POINT DESC.:	T COLD WIDE RANGE LOOP 2B
GENERIC/COND DESC.:	REACTOR COOLANT SYSTEM TEMP. RTD
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	710
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	RCS COLD LEG LOOP 2
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:	READS ZERO OR LESS
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	N/A



DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S03
DATA FEEDER:	S031
NRC ERDS PARAMETER:	TEMP CORE EX
POINT ID:	KRCETA
PLANT SPEC POINT DESC.:	REP CORE EXIT TEMP A
GENERIC/COND DESC.:	TEMP CORE EX
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	32
MAXIMUM INSTR RANGE:	2300
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSORS:	28
HOW PROCESSED:	AVERAGE+DEVIATION
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:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	N/A

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	503
DATA FEEDER:	5031
NRC ERDS PARAMETER:	SUB MARGIN
POINT ID:	KCTSM
PLANT SPEC POINT DESC.:	SATURATION MARGIN
GENERIC/COND DESC.:	SUB MARGIN
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	-2100
MAXIMUM INSTR RANGE:	+700
ZER. POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSORS:	56
HOW PROCESSED:	CX
SENSOR LOCATIONS:	CET STATISTICAL SUMMARY & PRZR PRESSURE
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:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	T RVCET-PZR SAT TEMP

DWG NO. 90052  
REV. 0

ENCLOSURE 2

FWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: PRZR LEVEL

POINT ID: L110A

PLANT SPEC POINT DESC.: HOT CALIBRATED PRZR LEVEL

GENERIC/COND DESC.: PRZR LEVEL

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: 1/2

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 100

ZERO POINT REFERENCE: 18"

REFERENCE POINT NOTES: RANGE 18" TO 360 "

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: PRESSURIZER E087 BOTTOM NOZZLE

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: READS ZERO OR LESS

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS: Y

LEVEL REFERENCE DESC.: WET

UNIQUE SYSTEM DESC.: 0 TO 100% = 18" TO 360" PRZR LEVEL  
TOP OF HEATERS = 20%

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: RCS CHG/MU

POINT ID: F212

PLANT SPEC POINT DESC.: CHARGING FLOW

GENERIC/COND DESC.: RCS CHG/MU

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: GPM

ENGR UNITS CONVERSION: SQUARE ROOT

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 150

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: CHG PMP LN PENETRATION AREA OUTSIDE CNTM

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 3 PD PMP:44 GPM @ 2250 PSIG EA

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: REAC VES LEV

POINT ID: KRVLHDA

PLANT SPEC POINT DESC.: RV LEVEL HEAD

GENERIC/COND DESC.: REAC VES LEV

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: %

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 100

ZERO POINT REFERENCE: 131" ABOVE TAF

REFERENCE POINT NOTES: 131" TO 193" RANGE

PROC OR SENS: P

NUMBER OF SENSORS: 3

HOW PROCESSED: LOWEST OF EITHER CHANNEL

SENSOR LOCATIONS: REACTOR VESSEL HEAD

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 0 TO 100% = 131" TO 193" ABOVE TAF

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

DETECTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: REAC VES LEV

POINT ID: KRVLPLNA

PLANT SPEC POINT DESC.: RV LEVEL PLENUM

GENERIC/COND DESC.: REAC VES LEV

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: %

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 100

ZERO POINT REFERENCE: 32" ABOVE TAF

REFERENCE POINT NOTES: 32" TO 131" ABOVE TAF

PROC OR SENS: P

NUMBER OF SENSORS: 5

HOW PROCESSED: LOWEST OF EITHER CHANNEL

SENSOR LOCATIONS: REACTOR VESSEL PLENUM

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: READS ZERO OR LESS

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 0 TO 100% = 32" TO 131" ABOVE TAF



DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: NOT LISTED

POINT ID: YI9160A

PLANT SPEC POINT DESC.: RCP P001 AMPS LOOP 1A

GENERIC/COND DESC.: REACTOR COOLANT FLOW

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: AMPS

ENGR UNITS CONVERSION: LINEAR

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 1000

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: 6900V SWGR CUBICLE 2 BUS 3A01

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 560 TO 600 AMP IS NORMAL HOT 100% RCS FLOW

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
REACTOR UNIT: S03  
DATA FEEDER: S031  
NRC ERDS PARAMETER: NOT LISTED  
POINT ID: YI9161A  
PLANT SPEC POINT DESC.: RCP P003 AMPS LOOP 1B  
GENERIC/COND DESC.: REACTOR COOLANT FLOW  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: AMPS  
ENGR UNITS CONVERSION: LINEAR  
MINIMUM INSTR RANGE: 0  
MAXIMUM INSTR RANGE: 1000  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: 6900V SWGR CUBICLE 4 BUS 3A02  
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: DISPLAYS LAST GOOD READING  
TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:  
LEVEL REFERENCE DESC.: N/A  
UNIQUE SYSTEM DESC.: 560 TO 600 AMPS IS HOT 100% RCS FLOW

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: NOT LISTED

POINT ID: YI9162A

PLANT SPEC POINT DESC.: RCP P004 AMPS LOOP 2A

GENERIC/COND DESC.: REACTOR COOLANT FLOW

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: AMPS

ENGR UNITS CONVERSION: LINEAR

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 1000

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: 6900V SWGR CUBICLE 4 BUS 3A01

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 560 TO 600 AMPS IS 100% HOT RCS FLOW

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S03
DATA FEEDER:	S031
NRC ERDS PARAMETER:	NOT LISTED
POINT ID:	YI9163A
PLANT SPEC POINT DESC.:	RCP P002 AMPS LOOP 2B
GENERIC/COND DESC.:	REACTOR COOLANT FLOW
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	AMPS
ENGR UNITS CONVERSION:	LINEAR
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	1000
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	6900V SWGR CUBICLE 2 BUS 3A02
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:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC:	560 TO 600 AMPS IS HOT RCS FLOW

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: Apr 11 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: NI SOURC RNG

POINT ID: XJ005

PLANT SPEC POINT DESC.: START UP COUNTS

GENERIC/COND DESC.: NI SOURC RNG

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: CPS

ENGR UNITS CONVERSION: LOG

MINIMUM INSTR RANGE: 1E-1

MAXIMUM INSTR RANGE: 1E+5

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: WEST SIDE REACTOR VESSEL THIMBLE #5

ALARM/TRIP SET POINTS: N/A

NI DETECTOR POWER  
SUPPLY CUT-OFF POWER  
LEVEL: INC PWR >3E-5%

NI DETECTOR POWER  
SUPPLY TURN-ON POWER  
LEVEL: DEC PWR <3E-5%

INSTRUMENT FAILURE  
MODE: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: PWR LVL TURN OFF/ON INDICATION ONLY

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S03
DATA FEEDER:	S031
NRC ERDS PARAMETER:	NI INTER RNG
POINT ID:	N/A
PLANT SPEC POINT DESC.:	INTERMEDIATE RANGE
GENERIC/COND DESC.:	NI INTER RNG
ANALOG/DIGITAL:	N/A
ENGR UNITS/DIG STATES:	N/A
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	N/A
MAXIMUM INSTR RANGE:	N/A
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	N/A
NUMBER OF SENSORS:	N/A
HOW PROCESSED:	N/A
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 POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	N/A
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	COVERED BY POWER RANGE INST

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
REACTOR UNIT: S03  
DATA FEEDER: S031  
NRC ERDS PARAMETER: NI POWER RNG  
POINT ID: XJ002C  
PLANT SPEC POINT DESC.: HI LOG POWER LEVEL  
GENERIC/COND DESC.: NI POWER RNG  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES:  $\frac{1}{2}$   
ENGR UNITS CONVERSION: LOG  
MINIMUM INSTR RANGE: 2E-8  
MAXIMUM INSTR RANGE: 200  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: EAST SIDE REACTOR VESSEL THIMBLE #3  
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: DISPLAYS LAST GOOD READING  
TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:  
LEVEL REFERENCE DESC.: N/A  
UNIQUE SYSTEM DESC.: DETECTOR TYPE: FISSION CHAMBERS



DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: Apr 11 22, 1991  
REACTOR UNIT: S03  
DATA FEEDER: S031  
NRC ERDS PARAMETER: SG PRESS 1  
POINT ID: P1013A  
PLANT SPEC POINT DESC.: STEAM GENERATOR 1 PRESSURE  
GENERIC/COND DESC.: SG PRESS 1  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: PSIA  
ENGR UNITS CONVERSION: LINEAR  
MINIMUM INSTR RANGE: 0  
MAXIMUM INSTR RANGE: 3200  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: STEAM GENERATOR E089  
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: DISPLAYS LAST GOOD READING  
TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:  
LEVEL REFERENCE DESC.: N/A  
UNIQUE SYSTEM DESC.: N/A

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: Apr11 22, 1991  
REACTOR UNIT: S03  
DATA FEEDER: S031  
NRC ERDS PARAMETER: SG PRESS 2  
POINT ID: P1023A  
PLANT SPEC PLINT DESC.: STEAM GENERATOR 2 PRESSURE  
GENERIC/COND DESC.: SG PRESS 2  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: PSIA  
ENGR UNITS CONVEPSION: LINEAR  
MINIMUM INSTR RANGE: 0  
MAXIMUM INSTR RANGE: 1200  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTe: N/A  
PROC OR SENS: <  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: STEAM GENERATOR E088  
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  
M/DE: DISPLAYS LAST GOOD READING  
TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:  
LEVEL REFERENCE DESC.: N/A  
UNIQUE SYSTEM DESC.: N/A

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 27, 1991  
REACTOR UNIT: S03  
DATA FEEDER: S031  
NRC ERDS PARAMETER: SG LEVEL 1  
POINT ID: LT1115  
PLANT SPEC POINT DESC.: STEAM GENERATOR 1 LEVEL WIDE RANGE  
GENERIC/COND DESC.: SG LEVEL 1  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: %  
ENGR UNITS CONVERSION: LINEAR  
MINIMUM INSTR RANGE: 0  
MAXIMUM INSTR RANGE: 100  
ZERO POINT REFERENCE: TUBSHT  
REFERENCE POINT NOTES: AT S/G TUBE SHEET  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: STEAM GENERATOR E089  
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: DISPLAYS LAST GOOD READING  
TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS: Y  
LEVEL REFERENCE DESC.: WET  
UNIQUE SYSTEM DESC.: 0 TO 100% = 0" TO 494.5" S/G LEVEL  
TOP OF U TUBES = 76.8%

DWG NO. 90052  
REV. C

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
REACTOR UNIT: S03  
DATA FEEDER: S031  
NRC ERDS PARAMETER: SG LEVEL 2  
POINT ID: L1125  
PLANT SPEC POINT DESC.: STEAM GENERATOR 2 LEVEL WIDE RANGE  
GENERIC/COND DESC.: SG LEVEL 2  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: %  
ENGR UNITS CONVERSION: LINEAR  
MINIMUM INSTR RANGE: 0  
MAXIMUM INSTR RANGE: 100  
ZERO POINT REFERENCE: TUBSHT  
REFERENCE POINT NOTES: AT S/G TUBE SHEET  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: STEAM GENERATOR E088  
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: DISPLAYS LAST GOOD READING  
TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS: Y  
LEVEL REFERENCE DESC.: WET  
UNIQUE SYSTEM DESC.: 0 TO 100% = 0" TO 494.5" S/G LEVEL  
TOP OF U TUBES = 76.8%

DWG NO. 20052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S03
DATA FEEDER:	S031
NRC ERDS PARAMETER:	MN FD FL 1
POINT ID:	FT1111
PLANT SPEC POINT DESC.:	STEAM GENERATOR 1 MAIN FEEDWATER FLOW
GENERIC/COND DESC.:	MN FD FL 1
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	GPM
ENGR UNITS CONVERSION:	SQUARE ROOT
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	16020
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	ROOF OF SAFETY EQUIPMENT BUILDING
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:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	N/A

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: MN FD FL 2

POINT ID: FT1121

PLANT SPEC POINT DESC.: STEAM GENERATOR 2 MAIN FEEDWATER FLOW

GENERIC/COND DESC.: MN FD FL 2

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: GPM

ENGR UNITS CONVERSION: SQUARE ROOT

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 16020

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: ROOF OF SAFETY EQUIPMENT BUILDING

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: N/A



DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S03
DATA FEEDER:	S031
NRC ERDS PARAMETER:	AX FD FL 1
POINT ID:	FT4725
PLANT SPEC POINT DESC.:	STEAM GENERATOR 1 AUXILIARY FW FLOW
GENERIC/COND DESC.:	AX FD FL 1
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	GPM
ENGR UNITS CONVERSION:	SQARE ROOT
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	800
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	AUX FD WTR TUNNEL SW OF CONTAINMENT
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:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	N/A



DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: AX FD FL 2

POINT ID: FT4720

PLANT SPEC POINT DESC.: STEAM GENERATOR 2 AUXILIARY FW FLOW

GENERIC/COND DESC.: AX FD FL 2

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: GPM

ENGR UNITS CONVERSION: SQUARE ROOT

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 800

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: AUX FD WTR TUNNEL SW OF CONTAINMENT

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: N/A

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S03
DATA FEEDER:	S031
NRC ERDS PARAMETER:	CHARGING FLOW
POINT ID:	F212
PLANT SPEC POINT DESC.:	CHARGING FLOWRATE
GENERIC/COND DESC.:	CHARGING FLOW
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	GPM
ENGR UNITS CONVERSION:	SQUARE ROOT
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	150
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	CHG PP LINE AT PENE AREA OUTSIDE CNTMT
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:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	N/A

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: HP SI FLOW

POINT ID: F31;

PLANT SPEC POINT DESC.: HPSI FLOW LOOP 1A COLD LEG

GENERIC/COND DESC.: HP SI FLOW

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: GPM

ENGR UNITS CONVERSION: SQUARE ROOT

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 500

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: HPSI LINE AT PENE AREA OUTSIDE CNTMT

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 3 PMP @ 415 GPM @ 2830 FT EA

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: HP SI FLOW

POINT ID: F321

PLANT SPEC POINT DESC.: HPSI FLOW LOOP 1B COLD LEG

GENERIC/COND DESC.: HP SI FLOW

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: GPM

ENGR UNITS CONVERSION: SQUARE ROOT

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 500

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: HPSI LINE AT PENE AREA OUTSIDE CNTMT

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 3 PMP @ 415 GPM @ 2830 FT EA

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: HP SI FLOW

POINT ID: F331

PLANT SPEC POINT DESC.: HPSI FLOW LOOP 2A COLD LEG

GENERIC/COND DESC.: HP SI FLOW

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: GPM

ENGR UNITS CONVERSION: SQUARE ROOT

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 500

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: HPSI LINE AT PENE AREA OUTSIDE CNTMT

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 3 PMP @ 415 GPM @ 2830 FT EA

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: HP SI FLOW

POINT ID: F341

PLANT SPEC POINT DESC.: HPSI FLOW LOOP 2B COLD LEG

GENERIC/COND DESC.: HP SI FLOW

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: GPM

ENGR UNITS CONVERSION: SQUARE ROOT

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 500

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: HPSI LINE RAD WSTE BLDG E OF EQUIP HATCH

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 3 PMP @ 415 GPM @ 2830 FT EA



DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
REACTOR UNIT: 503  
DATA FEEDER: 5031  
NRC ERDS PARAMETER: HP SI FLOW  
POINT ID: F390  
PLANT SPEC POINT DESC.: HPSI FLOW LOOP 2 HOT LEG  
GENERIC/COND DESC.: HP SI FLOW  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: GPM  
ENGR UNITS CONVERSION: SQUARE ROOT  
MINIMUM INSTR RANGE: 0  
MAXIMUM INSTR RANGE: 500  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: HPSI HDR 2 TO RC 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: DISPLAYS LAST GOOD READING  
TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:  
LEVEL REFERENCE DESC.: N/A  
UNIQUE SYSTEM DESC.: N/A



DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: HP SI FLOW

POINT ID: F391

PLANT SPEC POINT DESC.: HPSI FLOW LOOP 1 HOT LEG

GENERIC/COND DESC.: HP SI FLOW

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: GPM

ENGR UNITS CONVERSION: SQUARE ROOT

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 500

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: HPSI HDR 1 TO RC 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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: N/A

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
REACTOR UNIT: S03  
DATA FEEDER: S031  
NRC ERDS PARAMETER: LP SI FLOW  
POINT ID: F306  
PLANT SPEC POINT DESC.: LPSI/SDC FLOW  
GENERIC/COND DESC.: LP SI FLOW  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: GPM  
ENGR UNITS CONVERSION: SQUARE ROOT  
MINIMUM INSTR RANGE: 0  
MAXIMUM INSTR RANGE: 10000  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: LPSI HDR IN SAFETY EQUIP BLDG  
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: DISPLAYS LAST GOOD READING  
TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:  
LEVEL REFERENCE DESC.: N/A  
UNIQUE SYSTEM DESC.: 2 PMP @ 4150 GPM @ 342 FT EA, TOTAL FLOW RATE

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: NOT LISTED

POINT ID: L301

PLANT SPEC POINT DESC.: REFUEL WATER TK T005 LEVEL

GENERIC/COND DESC.: REFUEL WATER TK LEVEL

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: %

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 100

ZERO POINT REFERENCE: TNKBOT

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: REFUEL WATER TK T005 IN TANK BLDG

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS: Y

LEVEL REFERENCE DESC.: DRY

UNIQUE SYSTEM DESC.: 244208 GAL CAP:2 RWST/UNIT

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S03
DATA FEEDER:	S031
NRC ERDS PARAMETER:	NOT LISTED
POINT ID:	L302
PLANT SPEC POINT DESC.:	REFUEL WATER TK T006 LEVEL
GENERIC/COND DESC.:	REFUEL WATER TK LEVEL
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	1/2
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	100
ZERO POINT REFERENCE:	TNKBOT
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	REFUEL WATER TK T006 IN TANK BLDG
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:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	Y
LEVEL REFERENCE DESC.:	DRY
UNIQUE SYSTEM DESC.:	244308 GAL CAP:2 RWST/UNIT

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: NOT LISTED

POINT ID: L226

PLANT SPEC POINT DESC.: VOL. CONT. TK T077 LEVEL

GENERIC/COND DESC.: VOL. CONT. TK LEVEL

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: %

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 100

ZERO POINT REFERENCE: TNKBOT

REFERENCE POINT NOTES: 27 INCHES ABOVE TNKBOT

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: VOLUME CONTROL TK T077 AT RADWASTE BLDG

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS: Y

LEVEL REFERENCE DESC.: DRY

UNIQUE SYSTEM DESC.: VOL = 4780 GALLONS

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

April 22, 1991

REACTOR UNIT:	S03
DATA FEEDER:	S031
NRC ERDS PARAMETER:	CTMNT PRESS
POINT ID:	P352A
PLANT SPEC POINT DESC.:	CONTAINMENT PRESSURE WIDE RANGE
GENERIC/COND DESC.:	CTMNT PRESS
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	PSIG
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	-4
MAXIMUM INSTR RANGE:	+85
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	PENETRATION AREA OUTSIDE CONTAINMENT
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:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	Y
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	REDUND WR CH AVAIL

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 27, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: CTMNT TEMP

POINT ID: TT99112

PLANT SPEC POINT DESC.: DOME TEMP

GENERIC/COND CESC.: CTMNT TEMP

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: DEGF

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 400

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: INSIDE CONTAINMENT ELEV 30 FT

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: N/A



DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S03
DATA FEEDER:	S031
NRC ERDS PARAMETER:	H2 CONC
POINT ID:	A18118A2
PLANT SPEC POINT DESC.:	CONTAINMENT H2
GENERIC/COND DESC.:	H2 CONC
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	1/2
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	0
MAXIMUM INSTR RANGE:	10
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	INSIDE CONTAINMENT ELEV 70 FT
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:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	MANUAL INITIATE

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: NOT LISTED

POINT ID: LTR532

PLANT SPEC POINT DESC.: NORMAL SUMP LEVEL

GENERIC/COND DESC.: CTMNT NORMAL SUMP LEVEL

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: %

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 100

ZERO POINT REFERENCE: TNKBOT

REFERENCE POINT NOTES: SUMP BOTTOM

PROC OR SENS: P

NUMBER OF SENSORS: 1

HOW PROCESSED: CX

SENSOR LOCATIONS: INSIDE CTMNT ELEV 7 FT AT CTMNT SUMP

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 0% = 12' CONTAINMENT LEVEL 100% = 17.5'  
CONTAINMENT LEVEL. VOL = 900 GALLONS

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: Apr 11 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: CTMNT SMP WR

POINT ID: L9386A

PLANT SPEC POINT DESC.: EMERGENCY SUMP A LEVEL

GENERIC/COND DESC.: CTMNT SMP WR

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: FEET

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 12

MAXIMUM INSTR RANGE: 19.75

ZERO POINT REFERENCE: TNKBOT

REFERENCE POINT NOTES: SUMP BOTTOM

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: INSIDE CTMNT ELEV 15 FT AT EMERG SUMP

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: READS 12 FEET OR LESS

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 12' TO 18.16' = VOL OF 2186 GAL HOT  
18.16' TO 19.75' = VOL OF 257,054 GAL HOT

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: CTMNT SMP WR

POINT ID: L9389B

PLANT SPEC POINT DESC.: EMERGENCY SUMP B LEVEL

GENERIC/COND DESC.: CTMNT SMP WR

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: FEET

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 12

MAXIMUM INSTR RANGE: 19.75

ZERO POINT REFERENCE: TNKBOT

REFERENCE POINT NOTES: SUMP BOTTOM

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: INSIDE CTMNT ELEV 15 FT AT EMERG SUMP

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: READS 12 FEET OR LESS

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 12' TO 18.16' = VOL OF 2186 GAL HOT  
18.16' TO 19.75' = VOL OF 257,054 GAL HOT

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: Apr 11 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: CTMNT SMP WR

POINT ID: L9387A

PLANT SPEC POINT DESC.: CONTAINMENT LEVEL

GENERIC/COND DESC.: CTMNT SMP WR

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: FEET

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 18.167

MAXIMUM INSTR RANGE: 30.167

ZERO POINT REFERENCE: CNTFLR

REFERENCE POINT NOTES: CONTAINMENT FLOOR @ 18.167 FEET

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: INSIDE CTMNT ELEV 15 FT

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: READS 18.167 FEET OR LESS

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 18.167' TO 30.167' = VOL OF APPROX 2,000,000 GAL HOT

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: Apr 11 22, 1991  
REACTOR UNIT: S03  
DATA FEEDER: S031  
NRC EPDS PARAMETER: NOT LISTED  
POINT ID: R202  
PLANT SPEC POINT DESC.: TOTAL ACTIVITY LETDOWN  
GENERIC/COND DESC.: LETDOWN LINE RAD MON  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: CPM  
ENGR UNITS CONVERSION: N/A  
MINIMUM INSTR RANGE: 10  
MAXIMUM INSTR RANGE: 1E+7  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: RADWASTE BLDG ELEV 24 FT  
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: DISPLAYS LAST GOOD READING  
TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:  
LEVEL REFERENCE DESC.: N/A  
UNIQUE SYSTEM DESC.: 4.7E-9UC/CC/CPM

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: Apr 11 22, 1991  
REACTOR UNIT: S03  
DATA FEEDER: S031  
NRC ERDS PARAMETER: CTMNT RAD  
POINT ID: R7820A  
PLANT SPEC POINT DESC.: CONTAINMENT RAD CH A  
GENERIC/COND DESC.: CTMNT RAD  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: RAD/HR  
ENGR UNITS CONVERSION: N/A  
MINIMUM INSTR RANGE: 1  
MAXIMUM INSTR RANGE: 1E+8  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: INSIDE CTMNT ELEV 95 FT  
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: READS 1 RAD/HR OR LESS  
TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:  
LEVEL REFERENCE DESC.: N/A  
UNIQUE SYSTEM DESC.: N/A



DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC EKDS PARAMETER: COND A/E RAD

POINT ID: R7870LA

PLANT SPEC POINT DESC.: COND AIR EJECT RAD LO

GENERIC/COND DESC.: COND A/E RAD

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: UCI/CC

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 1E-7

MAXIMUM INSTR RANGE: 1E-1

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: P

NUMBER OF SENSORS: 1

HOW PROCESSED: CX

SENSOR LOCATIONS: ON AIR EJECT EXH ELEV 30 FT TURBINE BLDG

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: READS 1E-7 UCI/CC OR LESS

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 20 CFM NORM FLO, 1000 CFM WITH COND VACUUM PUMP RUNNING

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: COND A/E RAD

POINT ID: R7870MA

PLANT SPEC POINT DESC.: COND AIR EJECT RAD MON MED

GENERIC/COND DESC.: COND A/E RAD

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: UCI/CC

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 1E-4

MAXIMUM INSTR RANGE: 1E+2

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

ROC OR SENS: P

NUMBER OF SENSORS: 1

HOW PROCESSED: CX

SENSOR LOCATIONS: ON AIR EJECT EXH ELEV 30 FT TURBINE BLDG

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: READS 1E-4 UCI/CC OR LESS

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 20 CFM NORM FLO, 1000 CFM WITH COND VACUUM PUMP RUNNING

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: COND A/E RAD

POINT ID: R7870HA

PLANT SPEC POINT DESC.: COND AIR EJECT RAD HI

GENERIC/COND DESC.: COND A/E RAD

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: UCI/CC

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 1E-1

MAXIMUM INSTR RANGE: 1E+5

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: P

NUMBER OF SENSORS: 1

HOW PROCESSED: CX

SENSOR LOCATIONS: ON AIR EJECT EXH ELEV 30 FT TURBINE BLDG

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: READS 1E-1 UCI/CC OR LESS

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 20 CFM NORM FLO, 1000 CFM WITH COND VACUUM PUMP RUNNING

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 21, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: EFF GAS RAD

POINT ID: R7865LA

PLANT SPEC POINT DESC.: PLANT VENT STACK EFF RAD I/O U3

GENERIC/COND DESC.: EFF GAS RAD

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: UCI/CC

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 1E-7

MAXIMUM INSTR RANGE: 1E-1

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: P

NUMBER OF SENSORS: 2

HOW PROCESSED: CX

SENSOR LOCATIONS: ISOKINETIC NOZZLE EL 130 FT PLANT STACK

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: READS 1E-7 UCI/CC OR LESS

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: STK FLO = 90415 CFM EACH STK. SUM U2/3 MONITORS FOR TOTAL RELEASE

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

MRC ERDS PARAMETER: EFF GAS RAD

POINT ID: R7865MA

PLANT SPEC POINT DESC.: PLANT VENT STACK EFF RAD MED U3

GENERIC/COND DESC.: EFF GAS RAD

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: UCI/CC

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 1E-4

MAXIMUM INSTR RANGE: 1E+2

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: P

NUMBER OF SENSORS: 2

HOW PROCESSED: CX

SENSOR LOCATIONS: ISOKINETIC NOZZLE EL 130 FT PLANT STACK

ALARM/TRIP SET POINTS: N/A

NI DETECTOR POWER  
SUPPLY CUT-OFF POWER  
LEVEL: N/A

HI DETECTOR POWER  
SUPPLY TURN-ON POWER  
LEVEL: N/A

INSTRUMENT FAILURE  
MODE: READS 1E-4 UCI/CC OR LESS

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: STK FLD = 90415 CFM EACH STK. SUM U2/3 MONITORS FOR TOTAL RELEASE

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S037

NRC ERDS PARAMETER: EFF GAS RAD

POINT ID: R7865HA

PLANT SPEC POINT DESC.: PLANT VENT STACK EFF RAD HI U3

GENERIC/COND DESC.: EFF GAS RAD

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: UCI/CC

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 1E-1

MAXIMUM INSTR RANGE: 1E+5

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: P

NUMBER OF SENSORS: 2

HOW PROCESSED: CX

SENSOR LOCATIONS: ISOKINETIC NOZZLE EL 130 FT PLANT STACK

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: READS 1E-1 UCI/CC OR LESS

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: STK FLO = 90415 CFM EACH STK. SUM U2/3 MONITORS FOR TOTAL RELEASE

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: EFF GAS RAD

POINT ID: RT7828A

PLANT SPEC POINT DESC.: CONTAINMENT PURGE VENT STACK IODINE

GENER/C/COND DESC.: EFF GAS RAD

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: CPM

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 1E+1

MAXIMUM INSTR RANGE: 1E+7

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: P

NUMBER OF SENSORS: 2

HOW PROCESSED: CY

SENSOR LOCATIONS: ISOKINETIC NOZZLE EL 133 CTMNT PURGE STK

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: FLO=40KCFM



DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: EFF GAS RAD

POINT ID: RT7828B

PLANT SPEC POINT DESC.: CONTAINMENT PURGE VENT STACK PARTIC ACT

GENERIC/COND DESC.: EFF GAS RAD

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: CPM

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 1E+1

MAXIMUM INSTR RANGE: 1E+7

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: P

NUMBER OF SENSORS: 2

HOW PROCESSED: CX

SENSOR LOCATIONS: ISOKINETIC NOZZLE EL 133 CTMNT PURGE STK

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 1.23 X 10 E-7 UCI/COUNTS

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: Apr-11 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: EFF GAS RAD

POINT ID: RT7828C

PLANT SPEC POINT DESC.: CONTAINMENT PURGE VENT STACK NOBLE GAS

GENERIC/COND DESC.: EFF GAS RAD

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: CPM

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 1E+1

MAXIMUM INSTR RANGE: 1E+7

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: P

NUMBER OF SENSORS: 2

HOW PROCESSED: CX

SENSOR LOCATIONS: ISOKINETIC NOZZLE EL 133 CTMNT PURGE STK

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: NORMAL FLO=2000 CFM, 5.38 X 10E-8 UCI/CC/CPM

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: EFF LIQ RAD

POINT ID: RT7813

PLANT SPEC POINT DESC.: RADWASTE DISCHARGE

GENERIC/COND DESC.: EFF LIQ RAD

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: CPM

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 1E+1

MAXIMUM INSTR RANGE: 1E+7

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: RADWASTE DISCH LINE RADWASTE BLDG RM103G

ALARM/TRIP SET POINTS: N/A

NI DETECTOR POWER  
SUPPLY CHIT-OFF POWER  
LEVEL: N/A

NI DETECTOR POWER  
SUPPLY TURN-OFF POWER  
LEVEL: N/A

INSTRUMENT FAILURE  
MODE: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 4.5E-9UC/CC/CPM:CMN U2/3:50 (1 MAX FL)

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S03
DATA FEEDER:	S031
NRC ERDS PARAMETER:	SG BD RAD
POINT ID:	RT7817
PLANT SPEC POINT DESC.:	NUETRALIZATION SUMP SG BLOWDOWN
GENERIC/COND DESC.:	SG BD RAD
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	CM
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	1E+1
MAXIMUM INSTR RANGE:	1E+7
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	S
NUMBER OF SENSORS:	1
HOW PROCESSED:	N/A
SENSOR LOCATIONS:	NUETRALIZATION SUMP DISCH LINE TURB BLDG
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:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	4.7UC/CC/CPM

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA VT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
REACTOR UNID: 503  
DATA FEEDER: 5012  
NRC EEDS PARAMETER: WIND SPEED  
POINT ID: SPD10M  
PLAKT SPEC POINT DESC.: WIND SPEED 10 METER LEVEL  
GENERIC/COND DESC.: WIND SPEED  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: MPH  
ENGR UNITS CONVERSION: N/A  
MINIMUM INSTR RANGE: 0  
MAXIMUM INSTR RANGE: 50  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: P  
NUMBER OF SENSORS: 2  
HOW PROCESSED: TA  
SENSOR LOCATIONS: METEOROLOGICAL TOWER RESERVOIR BLUFF AREA  
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: DISPLAYS LAST GOOD READING  
TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:  
LEVEL REFERENCE DESC.: N/A  
UNIQUE SYSTEM DESC.: [REDACTED]

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S012

NRC ERDS PARAMETER: WIND DIR

POINT ID: DIR10M

PLANT SPEC POINT DESC.: WIND DIRECTION 10 METER LEVEL

GENERIC/COND DESC.: WIND DIR

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: DEGFR

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 360

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: P

NUMBER OF SENSORS: 2

HOW PROCESSED: TA

SENSOR LOCATIONS: METEOROLOGICAL TOWER RESERVOIR BLUFF AREA

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: DISPLAYS LAST GOOD READING

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.:

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S03
DATA FEEDER:	S012
NRC ERDS PARAMETER:	STAB CLASS
POINT ID:	STABA
PLANT SPEC POINT DESC.:	STABILITY CLASS
GENERIC/COND DESC.:	STAB CLASS
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	STABA
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	1
MAXIMUM INSTR RANGE:	7
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSORS:	3
HOW PROCESSED:	SU
SENSOR LOCATIONS:	METEOROLOGICAL TOWER RESERVOIR BLUFF AREA
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:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	1 TO 7 = A TO G STABILITY CLASS



DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991  
REACTOR UNIT: S03  
DATA FEEDER: S031  
NRC ERDS PARAMETER: NOT LISTED  
POINT ID: YS9160A  
PLANT SPEC POINT DESC.: RCP P001 PUMP BREAKER LOOP 1A  
GENERIC/COND DESC.: RCP 1A PUMP BREAKER  
ANALOG/DIGITAL: D  
ENGR UNITS/DIG STATES: N/A  
ENGR UNITS CONVERSION: N/A  
MINIMUM INSTR RANGE: 0  
MAXIMUM INSTR RANGE: 1  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: 6900V SWGR CUBICLE 2 BUS 3A01  
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: OFF  
TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:  
LEVEL REFERENCE DESC.: N/A  
UNIQUE SYSTEM DESC.: 0 = OFF, 1 = ON

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY: REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: NOT LISTED

POINT ID: YS9161A

PLANT SPEC POINT DESC.: RCP P003 PUMP BREAKER LOOP 1B

GENERIC/COND DESC.: RCP 1B PUMP BREAKER

ANALOG/DIGITAL: D

ENGR UNITS/DIG STATES: N/A

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 1

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: 6900V SWGR CUBICLE 4 BUS 3A02

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: OFF

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 0 = OFF, 1 = ON

DWG NO. 90052  
REV. 0

ENCLC . 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: NOT LISTED

POINT ID: YS9162A

PLANT SPEC POINT DESC.: RCP P004 PUMP BREAKER LOOP 2A

GENERIC/COND DESC.: RCP 2A PUMP BREAKER

ANALOG/DIGITAL: D

ENGR UNITS/DIG STATES: N/A

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 1

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROJ OK SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: 6900V SWGR CUBICLE 4 BUS 3A01

ALARM/TRIP SFT 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: OFF

TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: 0 = OFF, 1 = ON

DWG NO. 90052  
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: Apr11 22, 1991  
REACTOR UNIT: S03  
DATA FEEDER: S031  
NRC ERDS PARAMETER: NOT LISTED  
POINT ID: YS9163A  
PLANT SPEC POINT DESC.: RCP P002 PUMP BREAKER LOOP 2B  
GENERIC/COND DESC.: RCP 2B PUMP BREAKER  
ANALOG/DIGITAL: D  
ENGR UNITS/DIG STATES: N/A  
ENGR UNITS CONVERSION: N/A  
MINIMUM INSTR RANGE: 0  
MAXIMUM INSTR RANGE: 1  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NUMBER OF SENSORS: 1  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: 6900V SWGR CUBICLE 2 BUS 3A02  
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: OFF  
TEMPERATURE COMPENSATION  
FOR DP TRANSMITTERS:  
LEVEL REFERENCE DESC.: N/A  
UNIQUE SYSTEM DESC.: 0 = OFF, 1 = ON

DWG NO. 90052  
REV. 0

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: March 6, 1992

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER:

POINT ID: RY7874D

PLANT SPEC POINT DESC.: MAIN STEAM LINE RAD

GENERIC/COND DESC.: MAIN STEAM LINE RAD

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: MR/HR

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 1E-1

MAXIMUM INSTR RANGE: 1E+4

ZERO POINT REFERENCE: N/A

REFERENCE POIN. NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 2

HOW PROCESSED: N/A

SENSOR LOCATIONS: S/G E089 MAIN STEAM LINE

ALARM/TRIP SET POINTS: 1MR/HR

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 DESC.: N/A

UNIQUE SYSTEM DESC.: ASSUME STEAM FLO = FEED FLOW FT1111 or FT4725

DWG NO. 90052  
REV. 0

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: March 6, 1992

REACTOR UNIT: S03

DATA FEED: S031

PROCESSOR PARAMETER:

POINT ID: RY7874C

PLANT SPEC POINT DESC.: MAIN STEAM LINE RAD

GROUP POINT DESC.: MAIN STEAM LINE RAD

UNIT: A

UNIT STATES: MR/HR

ENGINEERING VERSION: N/A

RETR RANGE: 1e-1

MAXIMUM RANGE: 1E+4

ZERO POINT REFERENCE: N/A

REFERENCE POINT: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 2

HOW PROCESSED: N/A

SENSOR LOCATION: S/G E088 MAIN STEAM LINE

ALARM/TRIP SET POINT: LTR/HR

NI DETECTOR POWER  
SUPPLY ON-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 DESC.: N/A

UNIQUE SYSTEM DESC.: ASSUME STEAM FLOW = FEED FLOW FT1121 or FT4720

DWG NO. 90052  
REV. 0

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: March 6, 1992

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER:

POINT ID: RY7875D

PLANT SPEC POINT DESC.: MAIN STEAM LINE RAD

GENERIC/COND DESC.: MAIN STEAM LINE RAD

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: MR/HR

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 1E-1

MAXIMUM INSTR RANGE: 1E+4

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 2

HOW PROCESSED: N/A

SENSOR LOCATIONS: S/G E089 MAIN STEAM LINE

ALARM/TRIP SET POINTS: 1MR/HR

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 DESC.: N/A

UNIQUE SYSTEM DESC.: ASSUME STEAM FLOW FEED FLOW FT1111 or F11/25



DWG NO. 90052  
REV. 0

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: March 6, 1992  
REACTOR UNIT: S02  
DATA FEEDER: S021  
NRC ERDS PARAMETER:  
POINT ID: RY7874C  
PLANT SPEC POINT DESC.: MAIN STEAM LINE RAD  
GENERAL COND DESC.: MAIN STEAM LINE RAD  
ANALOG/DIGITAL: A  
ENGR UNITS/DIG STATES: MR/HR  
ENGR UNITS CONVERSION: N/A  
MINIMUM INSTR RANGE: 1E-1  
MAXIMUM INSTR RANGE: 1E+4  
ZERO POINT REFERENCE: N/A  
REFERENCE POINT NOTES: N/A  
PROC OR SENS: S  
NO. OF SENSORS: 2  
HOW PROCESSED: N/A  
SENSOR LOCATIONS: S/G E088 MAIN STEAM LINE  
ALARM/TRIP SET POINTS: 1MR/HR  
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 DESC.: N/A  
UNIQUE SYSTEM DESC.: ASSUME STEAM FLO = FEED FLOW FT1121 or FT4720

DWG NO. 90052  
REV. 0

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