(55)

Detroit Edison

Fermi 2

Nuclear Operations

November 25, 1992
NRC-92-0141

Mr. John R. Jolicoeur
ERDS Project Manager
Mail Stop MNBB 3206
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

References:
1) Fermi 2
NRC Docket No. 50-341
NRC License No. NPF-43

2) 10 CFR Part 50, Emergency Response Data System, Final Rule, Federal Register (56 FR 40178), dated August 13, 1991

3) NUREG-1394, Rev. 1, "Emergency Response Data System (ERDS) Implementation," dated June 1991

4) Detroit Edison Letter to NRC, "Fermi 2 Emergency Response Data System (ERDS) Implementation Program Plan," NRC-91-0132, dated October 28, 1991

5) Detroit Edison Letter to NRC, "Submittal of ERDS Data Point Library for Fermi 2," NRC-92-0033, dated February 26, 1992

Subject: Transmittal of Revised Fermi 2 Data Point Library

Reference 5 submitted the ERDS Data Point Library according to Fermi 2 ERDS Implementation Plan (Reference 4). Enclosed is a copy of the revised Fermi 2 ERDS Data Point Library. This revision is to incorporate changes associated with the Fermi 2 Power Uprate Program, along with changing point identification information. All changes have been identified by revision bars. This information was faxed to you by Mr. Girija S. Shukla of Detroit Edison on November 20, 1992. A copy has also been transmitted to Halliburton-NUS-Energy Group, Idaho Falls, Idaho. This letter is the formal transmittal of this information. It is understood that this information was to be used for performing the Factory Acceptance Test on November 24, 1992. The final test is scheduled for early December 1992.

If you have any questions, please contact Mr. Girija S. Shukla at (313) 586-4270.

Sincerely,

A. Cecil Settles
Director, Nuclear Licensing

Enclosure

cc: T. G. Colburn (w/o encl.)
A. B. Davis (w/o encl.)
W. J. Kropp (w/o encl.)
M. P. Phillips (w/o encl.)
U. S. Nuclear Regulatory Commission
Document Control Desk

DATA POINT LIBRARY REFERENCE FILE

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DATA POINT LIBRARY REFERENCE FILE

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DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	NI POWER RNG
Point ID:	B11SN029
Plant Spec Point Desc.:	Neutron Monitoring APRM A
Generic/Cond Desc.:	Nuclear Instruments, Power Range
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	125
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	021
How Processed:	Average
Sensor Locations:	Reactor Core
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Alarm conditions are: High neutron flux alarm at 118% run mode, 15% startup mode, 3% shutdown mode and 3% refuel mode.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	NI POWER RNG
Point ID:	B11SN030
Plant Spec Point Desc.:	Neutron Monitoring APRM B
Generic/Cond Desc.:	Nuclear Instruments, Power Range
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	125
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	022
How Processed:	Average
Sensor Locations:	Reactor Core
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Alarm conditions are: High neutron flux alarm at 118% run mode, 15% startup mode, 3% shutdown mode and 3% refuel mode.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	NI POWER RNG
Point ID:	B11SN031
Plant Spec Point Desc.:	**Neutron Monitoring APRM C**
Generic/Cond Desc.:	Nuclear Instruments, Power Range
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	125
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	021
How Processed:	Average
Sensor Locations:	Reactor Core
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Alarm conditions are: High neutron flux alarm at 118% run mode, 15% startup mode, 3% shutdown mode and 3% refuel mode.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	NI POWER RNG
Point ID:	B11SN032
Plant Spec Point Desc.:	Neutron Monitoring APRM D
Generic/Cond Desc.:	Nuclear Instruments, Power Range
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	125
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	022
How Processed:	Average
Sensor Locations:	Reactor Core
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Alarm conditions are: High neutron flux alarm at 118% run mode, 15% startup mode, 3% shutdown mode and 3% refuel mode.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	NI POWER RNG
Point ID:	B11SN033
Plant Spec Point Desc.:	Neutron Monitoring APRM E
Generic/Cond Desc.:	Nuclear Instruments, Power Range
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	125
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	021
How Processed:	Average
Sensor Locations:	Reactor Core
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Alarm conditions are: High neutron flux alarm at 118% run mode, 15% startup mode, 3% shutdown mode and 3% refuel mode.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	NI POWER RNG
Point ID:	B11SN034
Plant Spec Point Desc.:	Neutron Monitoring APRM F
Generic/Cond Desc.:	Nuclear Instruments, Power Range
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	125
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	022
How Processed:	Average
Sensor Locations:	Reactor Core
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Alarm conditions are: High neutron flux alarm at 118% run mode, 15% startup mode, 3% shutdown mode and 3% refuel mode.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	NI SOURC RNG
Point ID:	C51DN035
Plant Spec Point Desc.:	Neutron Monitoring SRM A
Generic/Cond Desc.:	Nuclear Instruments, Source Range
Analog/Digital:	A
Engr Units/Dig States:	CPS
Engr Units Conversion:	N/A
Minimum Instr Range:	0.1
Maximum Instr Range:	1.0E6
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	See unique system description
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Sensor location is in reactor core varied between 18" above core center line and 30" below bottom of active fuel. Alarm and trip setpoints are as follows: Upscale alarm = 1×10^5 cps Upscale trip = 2×10^5 cps Instrument downscale alarm = 3 cps Computer input has no alarm setpoint.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	**NI SOURC RNG**
Point ID:	C51DN036
Plant Spec Point Desc.:	**Neutron Monitoring SRM B**
Generic/Cond Desc.:	Nuclear Instruments, Source Range
Analog/Digital:	A
Engr Units/Dig States:	CPS
Engr Units Conversion:	N/A
Minimum Instr Range:	0.1
Maximum Instr Range:	1.0E6
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	See unique system description
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Sensor location is in reactor core varied between 18" above core center line and 30" below bottom of active fuel. Alarm and trip setpoints are as follows: Upscale alarm = 1×10^5 cps Upscale trip = 2×10^5 cps Instrument downscale alarm = 3 cps Computer input has no alarm setpoint.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	NI SOURC RNG
Point ID:	C51DN037
Plant Spec Point Desc.:	Neutron Monitoring SRM C
Generic/Cond Desc.:	Nuclear Instruments, Source Range
Analog/Digital:	A
Engr Units/Dig States:	CPS
Engr Units Conversion:	N/A
Minimum Instr Range:	0.1
Maximum Instr Range:	1.0E6
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	See unique system description
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Sensor location is in reactor core varied between 18" above core center line and 30" below bottom of active fuel. Alarm and trip setpoints are as follows: Upscale alarm = 1×10^5 cps Upscale trip = 2×10^5 cps Instrument downscale alarm = 3 cps Computer input has no alarm setpoint.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	NI SOURC RNG
Point ID:	C51DN038
Plant Spec Point Desc.:	Neutron Monitoring SRM D
Generic/Cond Desc.:	Nuclear Instruments, Source Range
Analog/Digital:	A
Engr Units/Dig States:	CPS
Engr Units Conversion:	N/A
Minimum Instr Range:	0.1
Maximum Instr Range:	1.0E6
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	See unique system description
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Sensor location is in reactor core varied between 18" above core center line and 30" below bottom of active fuel. Alarm and trip setpoints are as follows: Upscale alarm = 1×10^5 cps Upscale trip = 2×10^5 cps Instrument downscale alarm = 3 cps Computer input has no alarm setpoint.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	REAC VES LEV
Point ID:	B21SL005
Plant Spec Point Desc.:	RPV Water Level Flood Up Range
Generic/Cond Desc.:	Reactor Vessel Water Level
Analog/Digital:	A
Engr Units/Dig States:	INCHES
Engr Units Conversion:	N/A
Minimum Instr Range:	160
Maximum Instr Range:	560
Zero Point Reference:	TAF
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Rx Vessel Nozzle, AZ 220°, Elev. 675'-12"
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:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	WET
Unique System Desc:	

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	REAC VES LEV
Point ID:	B21SL006
Plant Spec Point Desc.:	RPV Water Level Wide Range Div I
Generic/Cond Desc.:	Reactor Vessel Water Level
Analog/Digital:	A
Engr Units/Dig States:	INCHES
Engr Units Conversion:	N/A
Minimum Instr Range:	10
Maximum Instr Range:	220
Zero Point Reference:	TAF
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Rx Vessel Nozzle, AZ 40^{o}, Elev. 630'-11"
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	Wet
Unique System Desc:	Plant trip and computer alarm set points are: High at 214". Low at 173.4" for both run and startup modes.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	REAC VES LEV
Point ID:	B21DL007
Plant Spec Point Desc.:	RPV Water Level Wide Range Div II
Generic/Cond Desc.:	Reactor Vessel Water Level
Analog/Digital:	A
Engr Units/Dig States:	INCHES
Engr Units Conversion:	N/A
Minimum Instr Range:	10
Maximum Instr Range:	220
Zero Point Reference:	TAF
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Rx Vessel Nozzle, AZ 220°, Elev. 630'-11"
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	Wet
Unique System Desc:	Plant trip and computer alarm set points are: High at 214". Low at 173.4" for both run and startup modes.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	REAC VES LEV
Point ID:	C32DL008
Plant Spec Point Desc.:	RPV Water Level Narrow Range Div I
Generic/Cond Desc.:	Reactor Vessel Water Level
Analog/Digital:	A
Engr Units/Dig States:	INCHES
Engr Units Conversion:	N/A
Minimum Instr Range:	160
Maximum Instr Range:	220
Zero Point Reference:	TAF
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Rx vessel nozzle (N11A), AZ 40^{O} Elev. 643'-6"
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	Wet
Unique System Desc:	Feedwater system alarm conditions are: High alarm at 202". Low alarm at 193". Plant trip and computer alarm setpoints are: High at 214" and Low at 173.4".

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	REAC VES LEV
Point ID:	C32SL009
Plant Spec Point Desc.:	RPV Water Level Narrow Range Div II
Generic/Cond Desc.:	Reactor Vessel Water Level
Analog/Digital:	A
Engr Units/Dig States:	INCHES
Engr Units Conversion:	N/A
Minimum Instr Range:	160
Maximum Instr Range:	220
Zero Point Reference:	TAF
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Rx vessel nozzle, (N11B), AZ 220^{0}, Elev 643'-6"
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	Wet
Unique System Desc:	Feedwater system alarm conditions are: High alarm at 202". Low alarm at 193". Plant trip and computer alarm setpoints are: High at 214" and low at 173.4".

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	REAC VES LEV
Point ID:	B21DL010
Plant Spec Point Desc.:	RPV Water Level Fuel Zone Div I
Generic/Cond Desc.:	Reactor Vessel Water Level
Analog/Digital:	A
Engr Units/Dig States:	INCHES
Engr Units Conversion:	N/A
Minimum Instr Range:	-150
Maximum Instr Range:	50
Zero Point Reference:	TAF
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Rx vessel nozzle, AZ 40^{o}, Elev. 650'-6"
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	WET
Unique System Desc:	Due to the range of this instrument, the computer would provide a low reactor water level status alarm for any "on scale" indication.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	REAC VES LEV
Point ID:	B21DL011
Plant Spec Point Desc.:	RPV Water Level Fuel Zone Div II
Generic/Cond Desc.:	Reactor Vessel Water Level
Analog/Digital:	A
Engr Units/Dig States:	INCHES
Engr Units Conversion:	N/A
Minimum Instr Range:	-150
Maximum Instr Range:	50
Zero Point Reference:	TAF
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Rx vessel nozzle, AZ 220°, Elev 650'- 6"
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	Wet
Unique System Desc:	Due to the range of this instrument, the computer would provide a low reactor water level status alarm for any "on scale" indication.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	MAIN FD FLOW
Point ID:	C32SF250
Plant Spec Point Desc.:	Total Feedwater Flow
Generic/Cond Desc.:	Feedwater Flow into the Reactor System
Analog/Digital:	A
Engr Units/Dig States:	MLB/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	17
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	002
How Processed:	Sum
Sensor Locations:	See unique system description
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:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Two flow sensors are used; one for each of the two 24" main feedwater pipelines. One sensor is located in one of the pipelines at elevation 635'-3". The other is located in the other pipeline at elevation 635'-2 5/16".

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	NL
Point ID:	N21SF003
Plant Spec Point Desc.:	North Reactor Feed Pump Flow
Generic/Cond Desc.:	North Reactor Feed Pump Flow
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	17500
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	In 24" Pipe on Suction Side of Pump
Alarm/Trip/Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	NL
Point ID:	N21SF004
Plant Spec Point Desc.:	South Reactor Feed Pump Flow
Generic/Cond Desc.:	South Reactor Feed Pump Flow
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	17500
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	In 24" Pipe on Suction Side of Pump
Alarm/Trip/Set Points:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	RCIC FLOW
Point ID:	E51SF023
Plant Spec Point Desc.:	RCIC Pump Flow
Generic/Cond Desc.:	Reactor Core Isolation Cooling Flow
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	700
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Pump Discharge Pipe
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:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	RCS PRESSURE
Point ID:	B21DP020
Plant Spec Point Desc.:	RPV Press Wide Range (PAM) A
Generic/Cond Desc.:	Reactor Coolant System Pressure
Analog/Digital:	A
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	1500
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Rx Vessel Nozzle, AZ 40^{O}, Elev 650'-6"
Alarm/Trip/Set Points:	High Alarm at 1068 PSIG
N1 Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	RCS PRESSURE
Point ID:	B21DP021
Plant Spec Point Desc.:	RPV Press Wide Range (PAM) B
Generic/Cond Desc.:	Reactor Coolant System Pressure
Analog/Digital:	A
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	1500
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Rx Vessel Nozzle, AZ 220^{O}, Elev 650'-6"
Alarm/Trip/Set Points:	High Alarm at 1068 PSIG
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	HPCI FLOW
Point ID:	E41SF024
Plant Spec Point Desc.:	HPCI Pump Flow
Generic/Cond Desc.:	High Pressure Coolant Injection Flow
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	6000
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Pump Discharge Pipe
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:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	LPCI FLOW
Point ID:	E11DF072
Plant Spec Point Desc.:	RHR Flow Loop A
Generic/Cond Desc.:	Low Pressure Coolant Injection Flow
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	28,000
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	RHR System 24" Pipe Inside Reactor 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:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	LPCI FLOW
Point ID:	E11DF073
Plant Spec Point Desc.:	RHR Flow Loop B
Generic/Cond Desc.:	Low Pressure Coolant Injection Flow
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	28,000
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	RHR System 24" Pipe Inside Reactor 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:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	CR SPRAY FL
Point ID:	E21DF094
Plant Spec Point Desc.:	Core Spray System Flow Loop A
Generic/Cond Desc.:	Core Spray Cooling System Flow
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	9150
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Mounted in 14" discharge pipe
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:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	CR SPRAY FL
Point ID:	E21DF095
Plant Spec Point Desc.:	Core Spray System Flow Loop B
Generic/Cond Desc.:	Core Spray Cooling System Flow
Analog/Digital:	A
Engr Units/Dig States:	GPM
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	9150
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Mounted in 14" discharge pipe
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:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	DW FD SMP LV
Point ID:	G11DL121
Plant Spec Point Desc.:	Drywell Floor Drain Sump Level
Generic/Cond Desc.:	Drywell Floor Drain Sump Level
Analog/Digital:	A
Engr Units/Dig States:	INCHES
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	42
Zero Point Reference:	TNKBOT
Reference Point Notes:	Sensor is 12" from the sump bottom
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Drywell Flr Drains 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:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	Wet
Unique System Desc:	Conversion of sump level in inches to gallons is 21.25 gpi (gallons per inch).

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	D11RR716
Plant Spec Point Desc.:	SGTS Exhaust Rad I - Noble Gas
Generic/Cond Desc.:	Radioactivity of Released Gasses
Analog/Digital:	A
Engr Units/Dig States:	uCI/CC
Engr Units Conversion:	N/A
Minimum Instr Range:	10^{-7} uCI/CC
Maximum Instr Range:	10^{6} uCI/CC
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	004
How Processed:	See unique system description
Sensor Locations:	SGTS exh Div I, El 690'-03"/692'-06"
Alarm/Trip/Set Points:	High alarm at $4.0E^{-6}$ uCI/CC
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Noble gas radiation is obtained from the Eberline radiation monitoring system every ten minutes. For SGTS Div I , there are 4 channels of data. The individual channels are analyzed to determine the most accurate range. The value of that channel is stored as the selected value.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	D11RR717
Plant Spec Point Desc.:	SGTS Exhaust Rad II - Noble Gas
Generic/Cond Desc.:	Radioactivity of Released Gasses
Analog/Digital:	A
Engr Units/Dig States:	uCI/CC
Engr Units Conversion:	N/A
Minimum Instr Range:	10^{-7} uCI/CC
Maximum Instr Range:	10^{6} uCI/CC
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	004
How Processed:	See unique system description
Sensor Locations:	SGTS exh Div II El 690'-03"/692'-06"
Alarm/Trip/Set Points:	High alarm at $4.0E^{-6}$ uCI/CC
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A

Unique System Desc: Noble gas radiation is obtained from the Eberline radiation monitoring system every ten minutes. For SGTS Div 2 , there are 4 channels of data. The individual channels are analyzed to determine the most accurate range. The value of that channel is stored as the selected value.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	D11RR714
Plant Spec Point Desc.:	Reactor Bldg. Vent Rad - Noble Gas
Generic/Cond Desc.:	Radioactivity of Released Gasses
Analog/Digital:	A
Engr Units/Dig States:	uCI/CC
Engr Units Conversion:	N/A
Minimum Instr Range:	10^{-7} uCI/CC
Maximum Instr Range:	10^{6} uCI/CC
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	003
How Processed:	See unique system description
Sensor Locations:	Rx Bldg Exhaust EL 721'-00"/722'-06"
Alarm/Trip/Set Points:	High alarm at $6.5E^{-5}$ uCI/CC
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Noble gas radiation is obtained from the Eberline radiation monitoring system every ten minutes. For Reactor Bldg., there are 3 channels of data. The individual channels are analyzed to determine the most accurate range. The value of that channel is stored as the selected value.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	D11RR715
Plant Spec Point Desc.:	Turbine Bldg. Vent Rad - Noble Gas
Generic/Cond Desc.:	Radioactivity of Released Gases
Analog/Digital:	A
Engr Units/Dig States:	uCI/CC
Engr Units Conversion:	N/A
Minimum Instr Range:	10^{-7} uCI/CC
Maximum Instr Range:	10^{4} uCI/CC
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	002
How Processed:	See unique system description
Sensor Locations:	Turb Bldg Exh El 669'-09"/659'-10"
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	NA
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Noble gas radiation is obtained from the Eberline radiation monitoring system every ten minutes. For Turbine Bldg., there are 2 channels of data. The individual channels are analyzed to determine the most accurate range. The value of that channel is stored as the selected value. Ventilation system trip/computer alarm is set at $1.7E^{-5}$ u/CI/CC.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	EFF GAS RAD
Point ID:	D11RR718
Plant Spec Point Desc.:	Radwaste Bldg Vent Rad - Noble Gas
Generic/Cond Desc.:	Radioactivity of Released Gases
Analog/Digital:	A
Engr Units/Dig States:	uCI/CC
Engr Units Conversion:	N/A
Minimum Instr Range:	10^{-7} uCI/CC
Maximum Instr Range:	10^{4} uCI/CC
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	002
How Processed:	See unique system description
Sensor Locations:	Radwaste Bldg Exh El 669'-06"/669'-04"
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Noble gas radiation is obtained from the Eberline radiation monitoring system every ten minutes. For Radwaste Bldg., there are 2 channels of data. The individual channels are analyzed to determine the most accurate range. The value of that channel is stored as the selected value. Ventilation system trip/computer alarm is set at $1.2E^{-3}$ uCI/CC.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	CND A/E RAD
Point ID:	D11DR266
Plant Spec Point Desc.:	SJAE Radiation Mon A
Generic/Cond Desc.:	Condenser Air Ejector Radioactivty
Analog/Digital:	A
Engr Units/Dig States:	MR/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	1.0
Maximum Instr Range:	1.0E6
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Offgas System 2.2 Min Delay Pipe
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Alarm setpoints are as follows: Upscale trip = 750 mR/hr (Plant and computer alarm) Downscale trip = 1 mR/hr (Plant alarm) High High Alarm = 1000 mR/hr (Plant alarm)

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	CND A/E RAD
Point ID:	D11DR301
Plant Spec Point Desc.:	SJAE Radiation Mon B
Generic/Cond Desc.:	Condenser Air Ejector Radioactivity
Analog/Digital:	A
Engr Units/Dig States:	MR/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	1.0
Maximum Instr Range:	1.0E6
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Offgas System 2.2 Min Delay Pipe
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Alarm and trip setpoints are as follows: Upscale trip = 750 mR/hr (Plant and computer alarm) Downscale trip = 1mR/hr (Plant alarm) High High alarm = 1000 r/hr (Plant alarm)

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	DW RAD
Point ID:	D11DR040
Plant Spec Point Desc.:	Containment High Range Div I Rad Mon
Generic/Cond Desc.:	Radiation Level in the Drywell
Analog/Digital:	A
Engr Units/Dig States:	R/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	1
Maximum Instr Range:	1.0E8
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Rx Bldg inside drywell AZ 302^{o} El. 605'
Alarm/Trip/Set Points:	See unique system description.
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Alarm setpoints are as follows: Alert = 500 R/HR (Plant alarm) High Radiation = 1000 R/HR (Plant and computer alarm)

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	DW RAD
Point ID:	D11DR163
Plant Spec Point Desc.:	Containment High Range Div II Rad Mon
Generic/Cond Desc.:	Radiation Level in the Drywell
Analog/Digital:	A
Engr Units/Dig States:	R/HR
Engr Units Conversion:	N/A
Minimum Instr Range:	1
Maximum Instr Range:	1.0E8
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	El 605'-0" at AZ 125^{o}
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Alarm setpoints are as follows: Alert = 500 R/HR (Plant alarm) High Radiation = 1000 R/HR (Plant and computer alarm)

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	MN STEAM RAD
Point ID:	D11DR039
Plant Spec Point Desc.:	Main Steam Line Rad C
Generic/Cond Desc.:	Radiation Level of the Main Steam Line
Analog/Digital:	A
Engr Units/Dig States:	MR/Hr
Engr Units Conversion:	N/A
Minimum Instr Range:	1
Maximum Instr Range:	1.0E6
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	613' -6" Reactor Bldg G-4 (Steam Tunnel)
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	High radiation level alarm is 2800 mR/hr. Instrument failure alarm is 1 mR/hr downscale. Trip setpoint is 3000 mR/hr. Computer input has no alarm setpoint.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	DW PRESS
Point ID:	T50DP097
Plant Spec Point Desc.:	Drywell Pressure Wide Range Div I
Generic/Cond Desc.:	Drywell Pressure
Analog/Digital:	A
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	250
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Drywell penet AZ 330^{O}, Elev. 630'-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:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	DW PRESS
Point ID:	T50DP098
Plant Spec Point Desc.:	Drywell Pressure Wide Range Div II
Generic/Cond Desc.:	Drywell Pressure
Analog/Digital:	A
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	250
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Drywell Penet AZ 187^{O}-30', Elev. 630'-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:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N//A
Level Reference Leg:	N/A
Unique System Desc:	

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	DW PRESS
Point ID:	T50DP099
Plant Spec Point Desc.:	Drywell Pressure Narrow Range Div I
Generic/Cond Desc.:	Drywell Pressure
Analog/Digital:	A
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	-5.00
Maximum Instr Range:	5.00
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Elev. 630'-3" at Azimuth 330^{o}
Alarm/Trip/Set Points:	High Alarm = 1.68 PSIG
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	DW PRESS
Point ID:	T50DP100
Plant Spec Point Desc.:	Drywell Pressure Narrow Range Div II
Generic/Cond Desc.:	Drywell Pressure
Analog/Digital:	A
Engr Units/Dig States:	PSIG
Engr Units Conversion:	N/A
Minimum Instr Range:	-5.0
Maximum Instr Range:	5.0
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Drywell Penet. AZ 187°-30', Elev. 630'-3"
Alarm/Trip/Set Points:	High Alarm = 1.68 PSIG
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	DW TEMP
Point ID:	T47CT206
Plant Spec Point Desc.:	Drywell Temp Volumetric Avg.
Generic/Cond Desc.:	Drywell Temperature
Analog/Digital:	A
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	450
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	028
How Processed:	Volumetric Weighted Average of 28 Inputs
Sensor Locations:	See Unique System Description
Alarm/Trip/Set Points:	High Alarm at 145^{o}F
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	There are a total of 28 thermocouples. 4 at elevation 590', 10 at elev 597', 4 at elev 621'; 4 at elev 647', 4 at elev 662' and 2 at elev 665'

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	SP TEMP
Point ID:	T23CT005
Plant Spec Point Desc.:	Torus Water Temperature Avg.
Generic/Cond Desc.:	Suppression Pool Temperature
Analog/Digital:	A
Engr Units/Dig States:	DEGF
Engr Units Conversion:	N/A
Minimum Instr Range:	60
Maximum Instr Range:	260
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	008
How Processed:	Average of 8 healthy input is calculated
Sensor Locations:	See unique system description
Alarm/Trip/Set Points:	High Alarm at 95^{O}F
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	There are 8 thermocouples located on the same elevation (556'-01") but at different lateral locations in the torus as follows: 22^{O}, 67^{O}, 112^{O}, 157^{O}, 202^{O}, 247^{O}, 292^{O} and 337^{O}. Validity of torus water temperature is partially determined by torus water level. If the water level is below the level of the torus T/C, this data is flagged as bad.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	SP LEVEL
Point ID:	T50DL119
Plant Spec Point Desc.:	Torus Water Level Wide Range
Generic/Cond Desc.:	Suppression Pool Water Level
Analog/Digital:	A
Engr Units/Dig States:	INCHES
Engr Units Conversion:	N/A
Minimum Instr Range:	-144
Maximum Instr Range:	56
Zero Point Reference:	COMPLX
Reference Point Notes:	Normal Wtr Lvl is 9" below torus CL
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Rx Bldg Sub Basement
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:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	WET
Unique System Desc:	Inside diameter of torus is 30'6" Zero point reference is 14'-6" of torus water level Center line of torus is at elev 557'9"

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	SP LEVEL
Point ID:	E41DL120
Plant Spec Point Desc.:	Torus Water Level Narrow Range Div I
Generic/Cond Desc.:	Suppression Pool Water Level
Analog/Digital:	A
Engr Units/Dig States:	INCHES
Engr Units Conversion:	N/A
Minimum Instr Range:	-10
Maximum Instr Range:	10
Zero Point Reference:	COMPLX
Reference Point Notes:	See unique system description
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	Elev. 551' 4" on torus
Alarm/Trip/Set Points:	Low alarm at -2", High alarm at +2"
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	Y
Level Reference Leg:	Wet
Unique System Desc:	Inside diameter of torus is 30'6". Zero Point Reference is 14'6" of Torus water level Center line of Torus is at elev. 557'9"

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	**H2 CONC**
Point ID:	T50DL255
Plant Spec Point Desc.:	**Containment H2 Level Div I**
Generic/Cond Desc.:	Drywell or Torus Hydrogen Concentration
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	30
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	2nd Flr Rx Bldg instrument rack H21P282
Alarm/Trip/Set Points:	High Alarm at 1%
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	H2 CONC
Point ID:	T50DL293
Plant Spec Point Desc.:	Containment H2 Level Div II
Generic/Cond Desc.:	Drywell or Torus Hydrogen Concentration
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	30
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	3rd Flr Rx Bldg instrument rack H21P283
Alarm/Trip/Set Points:	High Alarm at 1%
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	O2 CONC
Point ID:	T50CL188
Plant Spec Point Desc.:	Containment O2 Level Div I
Generic/Cond Desc.:	Drywell or Torus Oxygen Concentration
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	30
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	003
How Processed:	See Unique System Description
Sensor Locations:	See Unique System Description
Alarm/Trip/Set Points:	High Alarm at 4% O2 Level (Run Mode)
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	This is a calculated point based on the following inputs: 1. Range select 2. 02 level 10% vol 3. 02 Level 30% vol. If the value of range select is 1, then the wide range has been selected and the output point is set to wide range (30%) point. The narrow range point is not scanned. If the value of range select is not 1, then the narrow range has been selected and the output point is set to narrow range (10%) point. The wide range point is not scanned.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	O2 CONC
Point ID:	T50CL189
Plant Spec Point Desc.:	Containment O2 Level Div II
Generic/Cond Desc.:	Drywell or Torus Oxygen Concentration
Analog/Digital:	A
Engr Units/Dig States:	%
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	30
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	003
How Processed:	See unique system description
Sensor Locations:	See unique system description
Alarm/Trip/Set Points:	High Alarm at 4% O_2 Level (Run Mode)
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	This is a calculated point based on the following inputs. 1. Range select; 2. O_2 level 10% vol; 3. O_2 level 30% vol. If the value of range select is 1, then the wide range has been selected and the output point is set to wide range (30%) point. The narrow range is not scanned. If the value of the range select is not 1, then the narrow range has been selected and the output point is set to narrow range (10%) point.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	NL
Point ID:	T50DC270
Plant Spec Point Desc.:	Drywell/Torus Select Div I
Generic/Cond Desc.:	Drywell/Torus Select Div I
Analog/Digital:	D
Engr Units/Dig States:	On = Drywell
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:	S
Number of Sensors:	001
How Processed:	See unique system description
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:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	This digital signal is provided by a switch contact. When the contact is closed, the drywell is selected when the contact is opened, the torus is selected. This signal is used to select the oxygen and hydrogen sensor location.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	NL
Point ID:	T50DC311
Plant Spec Point Desc.:	Drywell/Torus Select Div II
Generic/Cond Desc.:	Drywell/Torus Select Div II
Analog/Digital:	D
Engr Units/Dig States:	On = Drywell
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:	S
Number of Sensors:	001
How Processed:	See unique system description
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:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	This digital signal is provided by a switch contact. When the contact is closed, the drywell is selected. When the contact is opened, the torus is selected. This signal is used to select the oxygen and hydrogen sensor location.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	CST LEVEL
Point ID:	P11DL071
Plant Spec Point Desc.:	Condensate Storage Tank Level
Generic/Cond Desc.:	Condensate Storage Tank Level
Analog/Digital:	A
Engr Units/Dig States:	FEET
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	35
Zero Point Reference:	TNKBOT
Reference Point Notes:	See unique system description
PROC or SENS:	S
Number of Sensors:	001
How Processed:	Direct Reading
Sensor Locations:	2 Feet Above the Tank Bottom
Alarm/Trip/Set Points:	See unique system description
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Level instrumentation uses bourdon tube type with a range of 0-14.2 PSIG for a 0-35 feet level. High level setpoint is 12.14 PSIG (30 Feet). Low level setpoint is 4.12 PSIG (10 Feet). Computer input has no alarm setpoint. Conversion of storage tank level in feet to gallons is 16,920 gpf (gallons per foot).

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	WIND SPEED
Point ID:	D40MS064
Plant Spec Point Desc.:	10 Meter Wind Speed - 15 Min Avg.
Generic/Cond Desc.:	Wind Speed at the Reactor Site
Analog/Digital:	A
Engr Units/Dig States:	MPH
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	100
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	002
How Processed:	See unique system description
Sensor Locations:	10 Meters above ground at 60 meter tower
Alarm/Trip/Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A

Unique System Desc:

The output of the wind speed transmitter is transmitted to the specific signal translator located in the instrument shelter at the base of the tower. The voltage output from the signal translator is transmitted to the Meteorological Data Acquisition computer located in the computer room. The Met computer, among its other functions, converts the sensor signal to appropriate engineering units and communicates with the Emergency Response Information System (ERIS) computer. These data received by ERIS is then passed on to ERDS.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	WIND SPEED
Point ID:	D40MS065
Plant Spec Point Desc.:	60 Meter Wind Speed - 15 Min Avg.
Generic/Cond Desc.:	Wind Speed at the Reactor Site
Analog/Digital:	A
Engr Units/Dig States:	MPH
Engr Units Conversion:	N/A
Minimum Instr Range:	0
Maximum Instr Range:	100
Zero Point Reference:	N/A
Reference Point Notes:	N/A
PROC or SENS:	P
Number of Sensors:	002
How Processed:	See unique system description.
Sensor Locations:	60 Meters above ground at 60 meter tower
Alarm/Trip/Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	The output of the wind speed transmitter is transmitted to the specific signal translator located in the instrument shelter at the base of the tower. The voltage output from the signal translator is transmitted to the Meteorological Data Acquisition computer located in the computer room. The Met computer, among its other functions, converts the sensor signal to appropriate engineering units and communicates with the Emergency Response Information System (ERIS) computer. These data received by ERIS is then passed on to ERDS.

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	WIND DIR
Point ID:	D40MD069
Plant Spec Point Desc.:	10 Meter Wind Direction - 15 Min. Avg.
Generic/Cond Desc.:	Wind Direction at the Reactor Site
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:	002
How Processed:	See unique system description.
Sensor Locations:	10 Meters above ground at 60 Meter Tower
Alarm/Trip/Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	The output of the wind direction transmitter is transmitted to the specific signal translator located in the instrument shelter at the base of the tower. The voltage output from the signal translator is transmitted to the Met computer located in the computer room. The Met computer, among its other functions, converts the sensor signal to appropriate engineering units and communicates with the Emergency Response Information System (ERIS) computer. These data received by ERIS is then passed on to ERDS. Cardinal directions are: North = 0 or 360^{o}, East = 90^{o}, South = 180^{o}, West = 270^{o}

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	WIND DIR
Point ID:	D40MD070
Plant Spec Point Desc.:	60 Meter Wind Direction-15 Min Avg
Generic/Cond Desc.:	Wind Direction at the Reactor Site
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:	001
How Processed:	See unique system description
Sensor Locations:	60 Meters above ground at 60 meter tower
Alarm/Trip/Set Points:	None
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-on Power Level:	N/A
Instrument Failure Mode:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A

Unique System Desc: The output of the wind direction transmitter is sent to the specific signal translator located in the instrument shelter at the base of the tower. The voltage output from the signal translator is transmitted to the Met computer located in the computer room. The Met computer, among its other functions, converts the sensor signal to appropriate engineering units and communicates with the Emergency Response Information System (ERIS) computer. These data received by ERIS is then passed on to ERDS. Cardinal directions are: North = 0 or 360°

DATA POINT LIBRARY REFERENCE FILE

Date:	02/20/92
Reactor Unit:	FE2
Data Feeder:	N/A
NRC ERDS Parameter:	STAB CLASS
Point ID:	D40MB168
Plant Spec Point Desc.:	Stability Class
Generic/Cond Desc.:	Air Stability at the Reactor Site
Analog/Digital:	A
Engr Units/Dig States:	STABI
Engr Units Conversion:	See unique system description
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:	002
How Processed:	See unique system description
Sensor Locations:	See unique system description
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:	Value = -999 Quality = Bad
Temperature Compensation For DP Transmitters:	N/A
Level Reference Leg:	N/A
Unique System Desc:	Measured using differential temperature between 10 & 60 meters. The stability classification is per Reg. Guide 1.21, Table 4B. Conversion of Air Stability from numerical to alphabetical is 1 = A through 7 = G.