



PERRY NUCLEAR POWER PLANT

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VICE PRESIDENT - NUCLEAR

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

Perry Nuclear Power Plant
Docket No. 50-440
Update (Revision 1) of PNPP
Unit 1 ERDS Data Point Library
in Response to NRC RAI

Gentlemen:

Pursuant to a request for additional information received from Mr. John Jolicoeur, NRC Project Manager for Emergency Response Data Systems (ERDS), by telephone conversation with Mr. Keith J. Nelson of our staff on April 8, 1992, and on April 22, 1992, we are hereby providing an update of our ERDS Data Point Library Reference File for the Perry Nuclear Power Plant (PNPP) Unit 1. The Data Point Library Reference File for PNPP Unit 1 was originally submitted to the NRC by letter PY-CEI/NRR-1423 L dated December 6, 1991, in accordance with 10CFR50 Appendix E and NUREG-1394, Revision 1. The update is contained in Attachment 1 and consists of a revision to pages 1, 15, 16, 19, 22, 25, 32, 33, 34, 35, 36, 37, 52 and 53. The changes have been identified by margin revision bars.

If you have any further questions, please contact Mr. Keith J. Nelson, ERDS point of contact, at (216) 259-3737 extension 5687.

Sincerely,

Michael D. Lyster

MDL:CJF:ss

Attachment

cc: NRC Project Manager
NRC Resident Inspector Office
NRC Region III
C. E. Norelius, NRC Region III
J. Jolicoeur, NRC ERDS Project Manager

920511006B 920504
PDR ADOCK 05000440
F PDR

Operating Companies
Cleveland Electric Illuminating
Toledo Edison

AD24

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91

REACTOR UNIT: PY1

DATA FEEDER: ERIS

NRC ERDS PARAMETER: NI POWER RNG

POINT ID: C51C0010

PLANT DESCRIPTION: RX POWER

GENERIC DESCRIPTION: NUCLEAR INSTRUMENTS, POWER RANGE

ANALOG / DIGITAL: A

ENGR UNITS / DIG STATE: %

ENGR UNIT CONVERSION: -

MINIMUM RANGE: 0

MAXIMUM RANGE: 125

ZERO POINT REF: -

REF POINT NOTES: -

PROC OR SENS: P

NUMBER OF SENSORS: 8

HOW PROCESSED: WEIGHTED AVERAGE

SENSOR LOCATIONS: SEE UNIQUE DESCRIPTION

ALARM/TRIP SETPOINTS: RX TRIP 118% POWER (HIGH)

NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -

NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -

INSTRUMENT FAILURE MODE: N/A

TEMP COMPENSATION: N

LEVEL REFERENCE LEG: -

UNIQUE SYSTEM DESCRIPTION: WEIGHTED AVERAGE OF 8 APRM'S, BUT IF GREATER THAN 10%
POWER AND NO FEEDWATER TRANSIENT THEN THE VALUE IS
OBTAINED BY COMPARING ENTHALPIES OF FW AND CRD VS. STEAM
(I.E. MINI HEAT BALANCE).

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91

REACTOR UNIT: PY1

DATA FEEDER: ERIS

NRC ERDS PARAMETER: NI SOURC RNG

POINT ID: C51EA021

PLANT DESCRIPTION: SPM A LOG COUNT RATE

GENERIC DESCRIPTION: NUCLEAR INSTRUMENTATION, SOURCE RANGE

ANALOG / DIGITAL: A

ENGR UNITS / DIG STATE: CPS

ENGR UNIT CONVERSION: -

MINIMUM RANGE: 0.1

MAXIMUM RANGE: 1,000,000

ZERO POINT REF: -

REF POINT NOTES: -

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: -

SENSOR LOCATIONS: CORE LOCATION 16-45

ALARM/TRIP SETPOINTS: -

NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -

NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -

INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 0.1

TEMP COMPENSATION: -

LEVEL REFERENCE LEG: -

UNIQUE SYSTEM DESCRIPTION: WHEN POWER IS ON SCALE OF RANGE 3 OF THE IRM'S THE SRM'S
ARE WITHDRAWN FROM CORE. THEY DO NOT REFLECT RX POWER
DURING NORMAL POWER OPERATIONS, HOWEVER THEY WILL
INDICATE A NEUTRON READING AT THEIR STORAGE LOCATION.

PPRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: NI SOURC RNG
POINT ID: C51EA022
PLANT DESCRIPTION: SRM B LOG COUNT RATE
GENERIC DESCRIPTION: NUCLEAR INSTRUMENTS, SOURCE RANGE
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: CPS
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 0.1
MAXIMUM RANGE: 1,000,000
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: CORE LOCATION 16-21

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 0.1
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: WHEN POWER IS ON SCALE OF RANGE 3 OF THE IRM'S THE SRM'S
ARE WITHDRAWN FROM CORE. THEY DO NOT REFLECT RX POWER
DURING NORMAL POWER OPERATIONS, HOWEVER THEY WILL
INDICATE A NEUTRON READING AT THEIR STORAGE LOCATION.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91

REACTOR UNIT: PY1

DATA FEEDER: ERIS

NRC ERDS PARAMETER: NI SOURC RNG

POINT ID: C51EA023

PLANT DESCRIPTION: SRM C LOG COUNT RATE

GENERIC DESCRIPTION: NUCLEAR INSTRUMENTS, SOURCE RANGE

ANALOG / DIGITAL: A

ENGR UNITS / DIG STATE: CPS

ENGR UNIT CONVERSION: -

MINIMUM RANGE: 0.1

MAXIMUM RANGE: 1,000,000

ZERO POINT REF: -

REF POINT NOTES: -

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: -

SENSOR LOCATIONS: CORE LOCATION 40-21

ALARM/TRIP SETPOINTS: -

NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -

NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -

INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 0.1

TEMP COMPENSATION: -

LEVEL REFERENCE LEG: -

UNIQUE SYSTEM DESCRIPTION: WHEN POWER IS ON SCALE OF RANGE 3 OF THE IRM'S THE SRM'S
ARE WITHDRAWN FROM CORE. THEY DO NOT REFLECT RX POWER
DURING NORMAL POWER OPERATIONS, HOWEVER THEY WILL
INDICATE A NEUTRON READING AT THEIR STORAGE LOCATION.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91

REACTOR UNIT: PY1

DATA FEEDER: ERIS

NRC ERDS PARAMETER: NI SOURC RNG

POINT ID: C51EA024

PLANT DESCRIPTION: SRM D LOG COUNT RATE

GENERIC DESCRIPTION: NUCLEAR INSTRUMENTS, SOURCE RANGE

ANALOG / DIGITAL: A

ENGR UNITS / DIG STATE: CPS

ENGR UNIT CONVERSION: -

MINIMUM RANGE: 0.1

MAXIMUM RANGE: 1,000,000

ZERO POINT REF: -

REF POINT NOTES: -

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: -

SENSOR LOCATIONS: CORE LOCATION 40-45

ALARM/TRIP SETPOINTS: -

NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -

NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -

INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 0.1

TEMP COMPENSATION: -

LEVEL REFERENCE LEG: -

UNIQUE SYSTEM DESCRIPTION. WHEN POWER IS ON SCALE OF RANGE 3 OF THE IRM'S THE SRM'S ARE WITHDRAWN FROM CORE. THEY DO NOT REFLECT RX POWER DURING NORMAL POWER OPERATIONS, HOWEVER THEY WILL INDICATE A NEUTRON READING AT THEIR STORAGE LOCATION.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: REAC VES LEV
POINT ID: B21C0010
PLANT DESCRIPTION: RPV LEVEL
GENERIC DESCRIPTION: REACTOR VESSEL WATER LEVEL
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: INCHES
ENGR UNIT CONVERSION: -
MINIMUM RANGE: -150
MAXIMUM RANGE: 570
ZERO POINT REF: TAF
REF POINT NOTES: -
PROC OR SENS: P
NUMBER OF SENSORS: 12
HOW PROCESSED: WEIGHTED AVERAGE
SENSOR LOCATIONS: DOWNCOMER ANNULUS REGION OF VESSEL
ALARM/TRIP SETPOINTS: RX TRIP AT 219 (HIGH) AND 178 (LOW)
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: N/A
TEMP COMPENSATION: Y
LEVEL REFERENCE LEG: WET
UNIQUE SYSTEM DESCRIPTION: WEIGHTED AVERAGE OF NARROW, WIDE, FUEL, UPSET, AND
SHUTDOWN RANGES. FUEL RANGE DISREGARDED IF RECIRC PUMPS
RUNNING, WIDE RANGE LEVELS ARE FLOW COMPENSATED AND ALL
SIGNALS ARE DENSITY COMPENSATED AND CHECKED FOR REFERENCE
LEG BOILING.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE:	11/27/91
REACTOR UNIT:	PY1
DATA FEEDER:	ERIS
NRC ERDS PARAMETER:	MAIN FD FLOW
POINT ID:	C34EA018
PLANT DESCRIPTION:	TOTAL RX FEEDWATER FLOW
GENERIC DESCRIPTION:	FEEDWATER FLOW INTO THE REACTOR SYSTEM
ANALOG / DIGITAL:	A
ENGR UNITS / DIG STATE:	MLBS/HR
ENGR UNIT CONVERSION:	-
MINIMUM RANGE:	0
MAXIMUM RANGE:	20
ZERO POINT REF:	-
REF POINT NOTES:	-
PROC OR SENS:	S
NUMBER OF SENSORS:	2
HOW PROCESSED:	SUM OF BOTH FW LOOPS
SENSOR LOCATIONS:	DISCHARGE SIDE OF PUMPS BETWEEN #6 HEATERS AND B71-F065 FEEDWATER VALVES
ALARM/TRIP SETPOINTS:	-
NI DETECTOR POWER SUPPLY CUT OFF LEVEL:	-
NI DETECTOR POWER SUPPLY TURN ON LEVEL:	-
INSTRUMENT FAILURE MODE:	ON POWER FAILURE - LOW, -5
TEMP COMPENSATION:	-
LEVEL REFERENCE LEG:	N/A
UNIQUE SYSTEM DESCRIPTION:	-

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: RCIC FLOW
POINT ID: E51EA004
PLANT DESCRIPTION: RCIC PUMP FLOW
GENERIC DESCRIPTION: REACTOR CORE ISOLATION COOLING FLOW
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: GPM
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 0
MAXIMUM RANGE: 800
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOP LOCATIONS: DISCHARGE OF RCIC PUMP

ALARM/TRIP SETPOINTS: ANNUNCIATOR ALARM LOW FLOW 120
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, -200
TEMP COMPLNSATION: -
LEVEL REFERENCE LIG: -
UNIQUE SYSTEM DESCRIPTION: ACTUATES AT LEVEL 2 (130 INCHES)

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91

REACTOR UNIT: PT1

DATA FEEDER: ERIS

NRC ERDS PARAMETER: RCS PRESSURE

POINT ID: B2100110

PLANT DESCRIPTION: RPV PRESS

GENERIC DESCRIPTION: REACTOR COOLANT SYSTEM PRESSURE

ANALOG / DIGITAL: A

ENGR UNITS / DIG STATE: PSIG

ENGR UNIT CONVERSION: -

MINIMUM RANGE: 0

MAXIMUM RANGE: 1500

ZERO POINT REF: -

REF POINT NOTES: -

PROC OR SENS: P

NUMBER OF SENSORS: 8

HOW PROCESSED: WEIGHTED AVERAGE

SENSOR LOCATIONS: REFERENCE LEG OF THE CONDENSING CHAMBER

ALARM/TRIP SETPOINTS: RX TRIP AT 1065 (HIGH)

NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -

NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -

INSTRUMENT FAILURE MODE: N/A

TEMP COMPENSATION: N

LEVEL REFERENCE LEG: -

UNIQUE SYSTEM DESCRIPTION: WEIGHTED AVERAGE OF NARROW RANGE, WIDE RANGE AND 6 OFFSET
RANGE SENSORS.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91

REACTOR UNIT: PY1

DATA FEEDER: ERIS

NRC ERDS PARAMETER: HPCI FLOW

POINT ID: E22EA001

PLANT DESCRIPTION: HPCS FLOW

GENERIC DESCRIPTION: HIGH PRESSURE COOLANT INJECTION FLOW

ANALOG / DIGITAL: A

ENGR UNITS / DIG STATE: GPM

ENGR UNIT CONVERSION: -

MINIMUM RANGE: 0

MAXIMUM RANGE: 10,000

ZERO POINT REF: -

REF POINT NOTES: -

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: -

SENSOR LOCATIONS: DISCHARGE OF PUMP

ALARM/TRIP SETPOINTS: ON POWER FAILURE - LOW, -200

NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -

NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -

INSTRUMENT FAILURE MODE: -

TEMP COMPENSATION: -

LEVEL REFERENCE LEG: -

UNIQUE SYSTEM DESCRIPTION: ACTUATES AT LEVEL 2 (130 INCHES). NOTE: PERRY HAS A HIGH PRESSURE CORE SPRAY SYSTEM NOT A HIGH PRESSURE COOLANT INJECTION SYSTEM.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: LPCI FLOW
POINT ID: E12EA005
PLANT DESCRIPTION: RHR A FLOW
GENERIC DESCRIPTION: LOW PRESSURE COOLANT INJECTION FLOW
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: KGPM
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 0
MAXIMUM RANGE: 10
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: DISCHARGE OF PUMP

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, -2.5
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: ACTUATES AT LEVEL 1 (16.5 INCHES). NOTE: RHR A & B FLOW
MAY BE LPCI, SUPR POOL COOLING, S/D COOLING, CONTAINMENT
SPRAY, UPPER FUEL POOL COOLING OR STEAM CONDENSING.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: LPCI FLOW
POINT ID: E12EAO06
PLANT DESCRIPTION: RHR B FLOW
GENERIC DESCRIPTION: LOW PRESSURE COOLANT INJECTION FLOW
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: KGPM
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 0
MAXIMUM RANGE: 10
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: DISCHARGE OF PUMP

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, -2.5
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: ACTUATES AT LEVEL 1 (16.5 INCHES). NOTE: RHR A & B FLOW
MAY BE LPCI, SUPR POOL COOLING, S/D COOLING, CONTAINMENT
FLOODING, UPPER FUEL POOL COOLING OR STEAM CONDENSING.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91

REACTOR UNIT: PY1

DATA FEEDER: ERIS

NRC ERDS PARAMETER: LPCI FLOW

POINT ID: E12EA007

PLANT DESCRIPTION: RHR C FLOW

GENERIC DESCRIPTION: LOW PRESSURE COOLANT INJECTION FLOW

ANALOG / DIGITAL: A

ENGR UNITS / DIG STATE: KGPM

ENGR UNIT CONVERSION: -

MINIMUM RANGE: 0

MAXIMUM RANGE: 10

ZERO POINT REF: -

REF POINT NOTES: -

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: -

SENSOR LOCATIONS: DISCHARGE OF PUMP

ALARM/TRIP SETPOINTS: -

NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -

NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -

INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, -2.5

TEMP COMPENSATION: -

LEVEL REFERENCE LEG: -

UNIQUE SYSTEM DESCRIPTION: ACTUATES AT LEVEL 1 (16.5 INCHES). RHR C USED FOR LPCI ONLY.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91

REACTOR UNIT: PY

DATA FEEDER: ERIS

NRC ERDS PARAMETER: CR SPRAY FL

POINT ID: E21EAO01

PLANT DESCRIPTION: LPCS FLOW

GENERIC DESCRIPTION: CORE SPRAY COOLING SYSTEM FLOW

ANALOG / DIGITAL: A

ENGR UNITS / DIG STATE: KGPM

ENGR UNIT CONVERSION: -

MINIMUM RANGE: 0

MAXIMUM RANGE: 10

ZERO POINT REF: -

REF POINT NOTES: -

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: -

SENSOR LOCATIONS: DISCHARGE OF PUMP

ALARM/TRIP SETPOINTS: -

NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -

NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -

INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, -2.5

TEMP COMPENSATION: -

LEVEL REFERENCE LEG: -

UNIQUE SYSTEM DESCRIPTION: ACTUATES AT LEVEL 1 (16.5 INCHES). LOW PRESSURE SYSTEM WHICH CAN INJECT ONLY WHEN VESSEL PRESSURES ARE LESS THAN 498 PSIG.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: 1S
NRC ERDS PARAMETER: DW FD SMP LVL
POINT ID: E31EA005
PLANT DESCRIPTION: DRYWELL UNIDENTIFIED SUMP LEVEL
GENERIC DESCRIPTION: DRYWELL FLOOR DRAIN SUMP LEVEL
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: INCHES
ENGR UNIT CONVERSION: 1 INCH = 15.6 GALLONS
MINIMUM RANGE: 0
MAXIMUM RANGE: 30
ZERO POINT REF: TNKBOT
REF POINT NOTES: ACTUALLY 5.5" ABOVE BOTTOM OF TANK
PROC OF SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: DRYWELL UNIDENTIFIED SUMP

ALARM/TRIP SETPOINTS: -
HI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, -7.5
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PEBRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF GAS RAD
POINT ID: D17EA033
PLANT DESCRIPTION: OFF-GAS VENT ACTIVITY LOW
GENERIC DESCRIPTION: RADIOACTIVITY OF RELEASED CASSES
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: CPM
ENGR UNIT CONVERSION: EFFICIENCY - 2E+7 CPM PER μ CI/CC
MINIMUM RANGE: 10
MAXIMUM RANGE: 1,000,000
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: OFF-GAS VENT

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 10
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: FY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF GAS RAD
POINT ID: D19EA005
PLANT DESCRIPTION: OFF-GAS VENT ACTIVITY MED
GENERIC DESCRIPTION: RADIOACTIVITY OF RELEASED GASSES
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: μ CI/CC
ENGR UNIT CONVERSION: -
MINIMUM RANGE: .01
MAXIMUM RANGE: 100
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: OFF-GAS VENT

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, .01
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF GAS RAD
POINT ID: D19EAG06
PLANT DESCRIPTION: OFF-GAS VENT ACTIVITY HI
GENERIC DESCRIPTION: RADIOACTIVITY OF RELEASED GASSES
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: μ CI/CC
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 1
MAXIMUM RANGE: 100,000
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: OFF-GAS VENT
ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 1
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF GAS RAD
POINT ID: D17EA030
PLANT DESCRIPTION: UNIT 1 VENT ACTIVITY LOW
GENERIC DESCRIPTION: RADIOACTIVITY OF RELEASED GASSES
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: CPM
ENGR UNIT CONVERSION: EFFICIENCY - 2E+7 CPM PER uCI/CC
MINIMUM RANGE: 10
MAXIMUM RANGE: 1,000,000
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: UNIT 1 VENT
ALARM/TPIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 10
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF GAS RAD
POINT ID: D19EA003
PLANT DESCRIPTION: UNIT 1 VENT ACTIVITY MED
GENERIC DESCRIPTION: RADIOACTIVITY OF RELEASED GASSES
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: μ CI/CC
ENGR UNIT CONVERSION: -
MINIMUM RANGE: .01
MAXIMUM RANGE: 100
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: UNIT 1 VENT

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, .01
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF GAS RAD
POINT ID: D19EA004
PLANT DESCRIPTION: UNIT 1 VENT ACTIVITY HI
GENERIC DESCRIPTION: RADIOACTIVITY OF RELEASED GASSES
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: μ CI/CC
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 1
MAXIMUM RANGE: 100,000
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: UNIT 1 VENT

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 1
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF GAS RAD
POINT ID: D17EA530
PLANT DESCRIPTION: UNIT 2 VENT ACTIVITY LOW
GENERIC DESCRIPTION: RADIOACTIVITY OF RELEASED GASSES
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: CPM
ENGR UNIT CONVERSION: EFFICIENCY - $2E+7$ CPM PER μ CI/CC
MINIMUM RANGE: 10
MAXIMUM RANGE: 1,000,000
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: UNIT 2 VENT

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT CPF LEVEL: -
NI DETECTOR PCWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 10
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF GAS RAD
POINT ID: D19EA503
PLANT DESCRIPTION: UNIT 2 VENT ACTIVITY MED
GENERIC DESCRIPTION: RADIOACTIVITY OF RELEASED GASSES
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: μ CI/CC
ENGR UNIT CONVERSION: -
MINIMUM RANGE: .01
MAXIMUM RANGE: 100
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: UNIT 2 VENT

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, .01
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF GAS RAD
POINT ID: D19EA504
PLANT DESCRIPTION: UNIT 2 VENT ACTIVITY HI
GENERIC DESCRIPTION: RADIOACTIVITY OF RELEASED GASSES
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: μ CI/CC
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 1
MAXIMUM RANGE: 100,000
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: UNIT 2 VENT

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 1
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF GAS RAD
POINT ID: D17EA036
PLANT DESCRIPTION: TB/HB VENT ACTIVITY LOW
GENERIC DESCRIPTION: RADIOACTIVITY OF RELEASED GASSES
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: CPM
ENGR UNIT CONVERSION: EFFICIENCY - 2E+7 CPM PER μ CI/CC
MINIMUM RANGE: 10
MAXIMUM RANGE: 1,000,000
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: --
SENSOR LOCATIONS: TB/HB VENT

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 10
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF GAS RAD
POINT ID: D19EAO07
PLANT DESCRIPTION: TB/HB VENT ACTIVITY MED
GENERIC DESCRIPTION: RADIOACTIVITY OF RELEASED GASSES
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: μ CI/CC
ENGR UNIT CONVERSION: -
MINIMUM RANGE: .01
MAXIMUM RANGE: 100
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: TB/HB VENT

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, .01
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF GAS RAD
POINT ID: D19EA008
PLANT DESCRIPTION: TB/HB VENT ACTIVITY HI
GENERIC DESCRIPTION: RADIOACTIVITY OF RELEASED GASSES
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: μ CI/CC
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 1
MAXIMUM RANGE: 100,000
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: TB/HB VENT
ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 1
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF GAS RAD FLOW
POINT ID: M33EA001
PLANT DESCRIPTION: UNIT 1 VENT FLOW
GENERIC DESCRIPTION: -
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: KCFM
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 0
MAXIMUM RANGE: 152.36
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: UNIT 1 VENT

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, -38.09
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF GAS RAD FLOW
POINT ID: M33EA002
PLANT DESCRIPTION: UNIT 2 VENT FLOW
GENERIC DESCRIPTION: -
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: KCFM
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 0
MAXIMUM RANGE: 76.18
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: UNIT 2 VENT

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, -19.05
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF GAS RAD FLOW
POINT ID: M36EA001
PLANT DESCRIPTION: OFF-GAS VENT FLOW
GENERIC DESCRIPTION: -
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: KCFM
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 0
MAXIMUM RANGE: 22.65
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: OFF-GAS VENT

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, -5.66
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF GAS RAD FLOW
POINT ID: M41EA001
PLANT DESCRIPTION: TB/HB VENT FLOW
GENERIC DESCRIPTION: -
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: KCFM
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 0
MAXIMUM RANGE: 400
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: TB/HB VENT

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, -100.0
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF LIQ RAD
POINT ID: D17FA009
PLANT DESCRIPTION: NUCLEAR CLOSED COOLING RAD MON
GENERIC DESCRIPTION: RADIOACTIVITY OF RELEASED LIQUIDS
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: CPM
ENGR UNIT CONVERSION: EFFICIENCY - 3E+8 CPM PER μ CI/CC
MINIMUM RANGE: 10
MAXIMUM RANGE: 1,000,000
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: DOWNSTREAM OF NCCW HEAT EXCHANGER

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 10
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

FERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF LIQ RAD
POINT ID: D17EA015
PLANT DESCRIPTION: ESW RETURN A RAD MON
GENERIC DESCRIPTION: RADIOACTIVITY OF RELEASED LIQUIDS
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: CPM
ENGR UNIT CONVERSION: EFFICIENCY - 3E+8 CPM PER μ CI/CC
MINIMUM RANGE: 10
MAXIMUM RANGE: 1,000,000
ZERO POINT REF: -
REF POINT NOTES: --
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: DOWNSTREAM OF RHR A HEAT EXCHANGER

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: --
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 10
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF LIQ RAD
POINT ID: D17EA016
PLANT DESCRIPTION: ESW RETURN B RAD MON
GENERIC DESCRIPTION: RADIOACTIVITY OF RELEASED LIQUIDS
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: CPM
ENGR UNIT CONVERSION: EFFICIENCY - 3E+8 CPM PER μ CI/CC
MINIMUM RANGE: 10
MAXIMUM RANGE: 1,000,000
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: DOWNSTREAM OF RHR B HEAT EXCHANGER

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 10
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE

REV. 1

DATE: 11/27/91

REACTOR UNIT: FY1

DATA FEEDER: ERIS

NRC ERDS PARAMETER: EFF LIQ RAD

POINT ID: D17EA008

PLANT DESCRIPTION: RADWASTE TO ESW RAD MON

GENERIC DESCRIPTION: RADIOACTIVITY OF RELEASED LIQUID

ANALOG / DIGITAL: A

ENGR UNITS / DIG STATE: CPM

ENGR UNIT CONVERSION: EFFICIENCY - 3E+8 CPM PER μ CI/CC

MINIMUM RANGE: 10

MAXIMUM RANGE: 1,000,000

ZERO POINT REF: -

REF POINT NOTES: -

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: -

SENSOR LOCATIONS: DOWNSTREAM OF LIQUID RADWASTE CONTROL VALVES

ALARM/TRIP SETPOINTS: -

NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -

NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -

INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 10

TEMP COMPENSATION: -

LEVEL REFERENCE LEG: -

UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF LIQ RAD
POINT ID: D17EA072
PLANT DESCRIPTION: UNDERDRAINSYS 23 EAST RAD MON
GENERIC DESCRIPTION: RADIOACTIVITY OF RELEASED LIQUIDS
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: CPM
ENGR UNIT CONVERSION: EFFICIENCY - 8E+7 CPM : dR µCI/CC
MINIMUM RANGE: 10
MAXIMUM RANGE: 1,000,000
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: GRAVITY DRAINED MANHOLE #23

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 10
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: EFF LIQ RAD
POINT ID: D17EAO73
PLANT DESCRIPTION: UNDERDRAINSYS 20 WEST RAD MON
GENERIC DESCRIPTION: RADIOACTIVITY OF RELEASED LIQUIDS
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: CPM
ENGR UNIT CONVERSION: EFFICIENCY - $8E+7$ CPM PER μ CI/CC
MINIMUM RANGE: 10
MAXIMUM RANGE: 1,000,000
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: GRAVITY DRAINED MANHOLE #20
ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 10
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: CND A/E RAD
POINT ID: D17EA007
PLANT DESCRIPTION: OFF-GAS PRE-TREATMENT RAD MON
GENERIC DESCRIPTION: CONDENSER AIR EJECTOR RADIOACTIVITY
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: MR/HR
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 1
MAXIMUM RANGE: 1,000,000
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: SEE UNIQUE DESCRIPTION

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 1
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: MEASURES RADIOACTIVITY OF EITHER STEAM JET AIR EJECTOR OR
DOWNSTREAM OF OFF-GAS CONDENSER.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: DW RAD
POINT ID: D19EA001
PLANT DESCRIPTION: DRYWELL A RADIATION MON
GENERIC DESCRIPTION: RADIATION LEVEL IN DRYWELL
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: R/HR
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 1
MAXIMUM RANGE: 100,000,000
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: DRYWELL

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 1
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: DW RAD
POINT ID: D19EA002
PLANT DESCRIPTION: DRYWELL B RADIATION MON
GENERIC DESCRIPTION: RADIATION LEVEL IN DRYWELL
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: R/HR
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 1
MAXIMUM RANGE: 100,000,000
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: DRYWELL

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 1
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: MN STEAM RAD
POINT ID: D17EA011
PLANT DESCRIPTION: STEAM LINE A RADIATION MON
GENERIC DESCRIPTION: RADIATION LEVEL OF THE MAIN STEAM LINE
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: MR/HR
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 1
MAXIMUM RANGE: 1,000,000
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: DOWNSTREAM OF OUTBOARD MSIV'S IN STEAM TUNNEL
ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 1
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: DETECTORS LOCATED IN WELLS IN STEAM TUNNEL, AND ARE
ARRANGED SO THAT EACH DETECTOR MEASURES THE RADIOACTIVITY
OF ALL FOUR STEAM LINES.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: MN STEAM RAD
POINT ID: D17EA012
PLANT DESCRIPTION: STEAM LINE B RADIATION MON
GENERIC DESCRIPTION: RADIATION LEVEL OF THE MAIN STEAM LINE
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: MR/HR
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 1
MAXIMUM RANGE: 1,000,000
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: DOWNSTREAM OF OUTBOARD MSIV'S IN STEAM TUNNEL

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 1
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: DETECTORS LOCATED IN WELLS IN STEAM TUNNEL, AND ARE
ARRANGED SO THAT EACH DETECTOR MEASURES THE RADIOACTIVITY
OF ALL FOUR STEAM LINES.

PERRY DATA POINT LIBRARY REFERENCE FILE

REV. 1

DATE: 11/27/91

REACTOR UNIT: PY1

DATA FEEDER: ERIS

NRC ERDS PARAMETER: MN STEAM RAD

POINT ID: D17EA013

PLANT DESCRIPTION: STEAM LINE C RADIATION MON

GENERIC DESCRIPTION: RADIATION LEVEL OF THE MAIN STEAM LINE

ANALOG / DIGITAL: A

ENGR UNITS / DIG STATE: MR/HR

ENGR UNIT CONVERSION: -

MINIMUM RANGE: 1

MAXIMUM RANGE: 1,000,000

ZERO POINT REF: -

REF POINT NOTES: -

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: -

SENSOR LOCATIONS: DOWNSTREAM OF OUTBOARD MSIV IN STEAM TUNNEL

ALARM/TRIP SETPOINTS: -

NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -

NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -

INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 1

TEMP COMPENSATION: -

LEVEL REFERENCE LEG: -

UNIQUE SYSTEM DESCRIPTION: DETECTORS LOCATED IN WELLS IN STEAM TUNNEL, AND ARE
ARRANGED SO THAT EACH DETECTOR MEASURES THE RADIOACTIVITY
OF ALL FOUR STEAM LINES.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91

REACTOR UNIT: PY1

DATA FEEDER: ERIS

NRC ERDS PARAMETER: MN STEAM RAD

POINT ID: D17EA014

PLANT DESCRIPTION: STEAM LINE D RADIATION MON

GENERIC DESCRIPTION: RADIATION LEVEL OF THE MAIN STEAM LINE

ANALOG / DIGITAL: A

ENGR UNITS / DIG STATE: MR/HR

ENGR UNIT CONVERSION: -

MINIMUM RANGE: 1

MAYIMUM RANGE: 1,000,000

ZERO POINT REF: -

REF POINT NOTES: -

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: -

SENSOR LOCATIONS: DOWNSTREAM OF OUTBOARD MSIV'S IN STEAM TUNNEL

ALARM/TRIP SETPOINTS: -

NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -

NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -

INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 1

TEMP COMPENSATION: -

LEVEL REFERENCE LEG: -

UNIQUE SYSTEM DESCRIPTION: DETECTORS LOCATED IN WELLS IN STEAM TUNNEL, AND ARE
ARRANGED SO THAT EACH DETECTOR MEASURES THE RADIOACTIVITY
OF ALL FOUR STEAM LINES.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: DW PRESS
POINT ID: D23C0010
PLANT DESCRIPTION: DRYWELL PRESSURE
GENERIC DESCRIPTION: DRYWELL PRESSURE
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: ?SIG
ENGR UNIT CONVERSION: -
MINIMUM RANGE: -14.7
MAXIMUM RANGE: 35
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: P
NUMBER OF SENSORS: 4
HOW PROCESSED: WEIGHTED AVERAGE
SENSOR LOCATIONS: DRYWELL

ALARM/TRIP SETPOINTS: RY TRIP 1.68 (HIGH)
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: N/A
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: WEIGHTED AVERAGE OF 2 NARROW RANGE AND 2 WIDE RANGE
SENSORS.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC SRDS PARAMETER: DW TEMP
POINT ID: D23C0310
PLANT DESCRIPTION: DRYWELL TEMPERATURE
GENERIC DESCRIPTION: DRYWELL TEMPERATURE
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: DEG F
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 40
MAXIMUM RANGE: 440
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: T
NUMBER OF SENSORS: 6
HOW PROCESSED: WEIGHTED AVERAGE
SENSOR LOCATIONS: DRYWELL
ALARM/TRIP SETPOINTS: ALARM AT 145 (HIGH)
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: N/A
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: SIX SENSORS DIVIDED INTO 3 VALIDATED REGIONS (BY
ELEVATION). THREE REGIONS WEIGHTED EQUALLY.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: SF TEMP
POINT ID: D23C0210
PLANT DESCRIPTION: SUPPRESSION POOL TEMPERATURE
GENERIC DESCRIPTION: SUPPRESSION POOL TEMPERATURE
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: DEG F
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 30
MAXIMUM RANGE: 230
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 16
HOW PROCESSED: WEIGHTED AVERAGE
SENSOR LOCATIONS: SUPPRESSION POOL
ALARM/TRIP SETPOINTS: ALARM AT 90 (HIGH)
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: N/A
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: SUPR POOL SENSORS DIVIDED INTO 8 VALIDATED REGIONS. FOUR OF THE REGIONS GIVE AN UPPER POOL VALUE AND THE OTHER FOUR REGIONS GIVE A LOWER POOL VALUE. THE UPPER AND LOWER VALUES ARE THEN WEIGHTED BY VOLUME TO PRODUCE A VALIDATED WEIGHTED AVERAGE.

FERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: SP LEVEL
POINT ID: G43C0010
PLANT DESCRIPTION: SUPPRESSION POOL LEVEL
GENERIC DESCRIPTION: SUPPRESSION POOL WATER LEVEL
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: FT
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 2
MAXIMUM RANGE: 95
ZERO POINT REF: TNKBOT
REF POINT NOTES: -
PROC OR SENS: P
NUMBER OF SENSORS: 8
HOW PROCESSED: WEIGHTED AVERAGE
SENSOR LOCATIONS: SUPPRESSION POOL

ALARM/TRIP SETPOINTS: ALARM LOW 18, ALARM HIGH 18.5
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: N/A
TEMP COMPENSATION: N
LEVEL REFERENCE LEG: WET
UNIQUE SYSTEM DESCRIPTION: VALIDATED SUPPRESSION POOL LEVEL. INCLUDES CONTAINMENT
WATER LEVEL SIGNALS UP TO 95 FT. EXTENDED SUPPRESSION
POOL LEVEL EQUALS 24 FT.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91

REACTOR UNIT: PY1

DATA FEEDER: ERIS

NRC ERDS PARAMETER: H2 CONC

POINT ID: M51A0001

PLANT DESCRIPTION: MAX H2 CONCENTRATION

GENERIC DESCRIPTION: DRYWELL OR TORUS HYDROGEN CONCENTRATION

ANALOG / DIGITAL: A

ENGR UNITS / DIG STATE: %

ENGR UNIT CONVERSION: -

MINIMUM RANGE: 0

MAXIMUM RANGE: 30

ZERO POINT REF: -

REF POINT NOTES: -

PROC OR SENS: P

NUMBER OF SENSORS: 2

HOW PROCESSED: -

SENSOR LOCATIONS: DRYWELL OR CONTAINMENT

ALARM/TRIP SETPOINTS: -

NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -

NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -

INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, -7.5

TEMP COMPENSATION: -

LEVEL REFERENCE LEG: -

UNIQUE SYSTEM DESCRIPTION: SENSOR NORMALLY DE-ENERGIZED. INPUT MAY BE FROM
CONTAINMENT OR DRYWELL. DRYWELL LIMIT = 9%, CONTAINMENT
LIMIT VARIABLE WITH CONTAINMENT PRESSURE.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDBACK: ERIS
NRC ERDS PARAMETER: CST LEVEL
POINT ID: P11EA001
PLANT DESCRIPTION: CONDENSATE STORAGE TANK LEVEL
GENERIC DESCRIPTION: CONDENSATE STORAGE TANK LEVEL
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: INCHES
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 0
MAXIMUM RANGE: 368
ZERO POINT REF: TNKBOT
REF POINT NOTES: 0 INCHES = 20,000 GALLONS
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: CONDENSATE STORAGE TANK
ALARM/TRIP SETPOINTS: ANNUNCIATOR ALARM AT 135 (LOW) (185,000 GALLONS)
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, -92
TEMP COMPENSATION: N
LEVEL REFERENCE LEG: VET
UNIQUE SYSTEM DESCRIPTION: 1 INCH = 1,223 GALLONS PLUS 20,000 GALLONS IS ZERO
OFFSET.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: MONICORE
NRC ERDS PARAMETER: WIND SPEED
POINT ID: D51HMO01
PLANT DESCRIPTION: 10 METER WIND SPEED - MAIN
GENERIC DESCRIPTION: WIND SPEED AT THE REACTOR SITE
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: MPH
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 0
MAXIMUM RANGE: 99
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: VALIDATED 15 MINUTE AVERAGE
SENSOR LOCATIONS: MET TOWER

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: HIGH 99.9
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: -

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: MONICORE
NRC ERDS PARAMETER: WIND DIR
POINT ID: D51MM002
PLANT DESCRIPTION: 10 METER WIND DIRECTION - MAIN
GENERIC DESCRIPTION: WIND DIRECTION AT THE REACTOR SITE
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: DEG FR
ENCR UNIT CONVERSION: -
MINIMUM RANGE: 0
MAXIMUM RANGE: 360
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: P
NUMBER OF SENSORS: 2
HOW PROCESSED: VALIDATED 15 MINUTE AVERAGE
SENSOR LOCATIONS: MET TOWER

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: HIGH 999.9
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: WIND DIRECTION "FROM"

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91

REACTOR UNIT: PY1

DATA FEEDER: MONICORE

NRC SRDS PARAMETER: STAB CLASS

POINT ID: D51HMO05

PLANT DESCRIPTION: STABILITY CLASS

GENERIC DESCRIPTION: AIR STABILITY AT THE REACTOR SITE

ANALOG / DIGITAL: -

ENGR UNITS / DIG STATE: STABI

ENGR UNIT CONVERSION: -

MINIMUM RANGE: 1

MAXIMUM RANGE: 7

ZERO POINT REF: -

REF POINT NOTES: -

PROC OR SENS: P

NUMBER OF SENSORS: 2

HOW PROCESSED: 15 MINUTE AVERAGE

SENSOR LOCATIONS: MET TOWER

ALARM/TRIP SETPOINTS: -

NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -

NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -

INSTRUMENT FAILURE MODE: -

TEMP COMPENSATION: -

LEVEL REFERENCE LEG: -

UNIQUE SYSTEM DESCRIPTION: A = 1 = LEAST STABLE THRU G = 7 = MOST STABLE DELTA TEMP.
(60 METER - 10 METER)

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE:	11/27/91
REACTOR UNIT:	PY1
DATA FEEDER:	ERIS
NRC ERDS PARAMETER:	MISC PARAMETERS
POINT ID:	D23C0110
PLANT DESCRIPTION:	CNTMT PRESS
GENERIC DESCRIPTION:	CONTAINMENT PRESSURE
ANALOG / DIGITAL:	A
ENGR UNITS / DIG STATE:	PSIG
ENGR UNIT CONVERSION:	-
MINIMUM RANGE:	-4.91
MAXIMUM RANGE:	60
ZERO POINT REF:	-
REF POINT NOTES:	-
PROC OR SENS:	S
NUMBER OF SENSORS:	4
HOW PROCESSED:	WEIGHTED AVERAGE
SENSOR LOCATIONS:	CONTAINMENT
ALARM/TRIP SETPOINTS:	ALARM AT 225 (HIGH)
NI DETECTOR POWER SUPPLY CUT OFF LEVEL:	-
NI DETECTOR POWER SUPPLY TURN ON LEVEL:	-
INSTRUMENT FAILURE MODE:	N/A
TEMP COMPENSATION:	-
LEVEL REFERENCE LEG:	-
UNIQUE SYSTEM DESCRIPTION:	WEIGHTED AVERAGE OF 2 NARROW RANGE AND 2 WIDE RANGE SENSORS.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE:	11/27/91
REACTOR UNIT:	PY1
DATA FEEDER:	ERIS
NRC ERDS PARAMETER:	MISC PARAMETERS
POINT ID:	D23C0410
PLANT DESCRIPTION:	CNTMT TEMP
GENERIC DESCRIPTION:	CONTAINMENT TEMPERATURE
ANALOG / DIGITAL:	A
ENGR UNITS / DIG STATE:	DEG F
ENGR UNIT CONVERSION:	-
MINIMUM RANGE:	50
MAXIMUM RANGE:	200
ZERO POINT REF:	-
REF POINT NOTES:	-
PROC OR SENS:	S
NUMBER OF SENSORS:	8
HOW PROCESSED:	WEIGHTED AVERAGE
SENSOR LOCATIONS:	CONTAINMENT
ALARM/TRIP SETPOINTS:	ALARM AT 90 (HIGH)
NI DETECTOR POWER SUPPLY CUT OFF LEVEL:	-
NI DETECTOR POWER SUPPLY TURN ON LEVEL:	-
INSTRUMENT FAILURE MODE:	N/A
TEMP COMPENSATION:	-
LEVEL REFERENCE LEG:	-
UNIQUE SYSTEM DESCRIPTION:	EIGHT SENSORS DIVIDED INTO 4 VALIDATED REGIONS (BY ELEVATION). FOUR REGIONS WEIGHTED EQUALLY.

PERRY DATA POINT LIBRARY REFERENCE FILE
REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: EK1S
NRC ERDS PARAMETER: MISC PARAMETER
POINT ID: D19EAO20
PLANT DESCRIPTION: RX BUILDING A RADIATION MONITOR
GENERIC DESCRIPTION: RADIATION LEVEL IN CONTAINMENT
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: R/HR
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 1
MAXIMUM RANGE: 100,000,000
ZERO POINT REF: -
REF POINT NOTES: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: CONTAINMENT

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 1
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: MONITORS RADIATION LEVEL IN CONTAINMENT.

PERRY DATA POINT LIBRARY REFERENCE FILE

REV. 1

DATE: 11/27/91
REACTOR UNIT: PY1
DATA FEEDER: ERIS
NRC ERDS PARAMETER: MISC PARAMETER
POINT ID: D19EA021
PLANT DESCRIPTION: RX BUILDING B RADIATION MONITOR
GENERIC DESCRIPTION: RADIATION LEVEL IN CONTAINMENT
ANALOG / DIGITAL: A
ENGR UNITS / DIG STATE: R/HR
ENGR UNIT CONVERSION: -
MINIMUM RANGE: 1
MAXIMUM RANGE: 100,000,000
ZERO POINT REF: -
REF POINT NOTE: -
PROC OR SENS: S
NUMBER OF SENSORS: 1
HOW PROCESSED: -
SENSOR LOCATIONS: CONTAINMENT

ALARM/TRIP SETPOINTS: -
NI DETECTOR POWER SUPPLY
CUT OFF LEVEL: -
NI DETECTOR POWER SUPPLY
TURN ON LEVEL: -
INSTRUMENT FAILURE MODE: ON POWER FAILURE - LOW, 1
TEMP COMPENSATION: -
LEVEL REFERENCE LEG: -
UNIQUE SYSTEM DESCRIPTION: MONITOR RADIATION LEVEL IN CONTAINMENT.