



JUN 24 2002

LR-N02-0230

United States Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

**UPDATE OF EMERGENCY RESPONSE DATA SYSTEM (ERDS)
DATA POINT LIBRARY
HOPE CREEK GENERATION STATION
DOCKET NO. 50-354**

Gentlemen:

In accordance with 10 CFR 50 Appendix E Section VI.3.a, PSEG Nuclear LLC is notifying the NRC of changes to the Hope Creek Emergency Response Data System (ERDS) Data Point Library (DPL). These changes affect ERDS data points B5040 and B5097. Since the ERDS DPL has been completely reformatted, an entire copy of the Hope Creek DPL is being provided including the changes to the above data points.

If you should have any questions regarding this submittal, please contact Paul Duke at 856-339-1466.

Sincerely,

A handwritten signature in black ink, appearing to read "G. Salamon", with a long horizontal flourish extending to the right.

G. Salamon
Manager - Nuclear Safety & Licensing

Enclosure

A026

C Mr. Hubert J. Miller, Administrator - Region I
U. S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

U. S. Nuclear Regulatory Commission
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Bureau of Nuclear Engineering
P.O. Box 415
Trenton, NJ 08625

Ms. E. Falone
Delaware Emergency Management Agency
165 Brick Store Landing Road
Smyrna, DE 19977

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: NI POWER RNG POINT ID: B5026

PLANT POINT DESCRIPTION: SPDS APRM AVG PWR

ERDS DESC N/A ANALOG/DIGITAL A

ENG UNITS: % POWER ENG UNITS CONV: N/A

MIN INSTR RANGE: 0 MAX INSTR RANGE: 125

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR P NUMBER SENSORS: 129

HOW PROCESSED: AVG

SENSOR LOCATION: REACTOR VESSEL CORE

ALARM/TRIP SETPOINT INFO: HIHI 101.0

NI DETECTOR PWR CUT OFF LVL: 125%

NI DETECTOR PWR TURN ON LVL: 0%

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG N/A

UNIQUE SYSTEM DESC:

CALCULATES AN AVERAGE CONSISTING OF ALL
SIX CHANNELS IN CONJUNCTION WITH DIGITAL
APRM CHANNEL BYPASSES. PROVIDES
INDICATION OF TOTAL CORE THERMAL POWER.
COMPUTER COMPOSED POINT ALARM IS SET AT
101% POWER. THE UPSCALE NEUTRON TRIP
IS AT 118% POWER.

RECORD NUMBER: 01

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: NI SOURC RNG POINT ID: B3027

PLANT POINT DESCRIPTION: SRM CH A COUNT RATE

ERDS DESC N/A ANALOG/DIGITAL A

ENG UNITS: CPS ENG UNITS CONV: CALCULATED

MIN INSTR RANGE: 0.1 MAX INSTR RANGE: 1E6

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR P NUMBER SENSORS: 1

HOW PROCESSED: ANTI-LOG

SENSOR LOCATION: RM 4220 DRYWELL - UNDER VESSEL

ALARM/TRIP SETPOINT INFO: N/A

NI DETECTOR PWR CUT OFF LVL: SRM/IRM OVERLAP

NI DETECTOR PWR TURN ON LVL: STRTUP,SHUTDWN

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG N/A

UNIQUE SYSTEM DESC:

COMPOSED POINT CONVERTS LOG COUNT RATE
TO COUNT RATE.

RECORD NUMBER: 02

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: REAC VES LEV POINT ID: B5007

PLANT POINT DESCRIPTION: SPDS REACTOR AVG LVL - CAUTION 6

ERDS DESC: N/A ANALOG/DIGITAL: A

ENG UNITS: INCHES ENG UNITS CONV: N/A

MIN INSTR RANGE: -311 MAX INSTR RANGE: 400

ZERO POINT REFERENCE: COMPLX

REFERENCE POINT NOTES: TAF = -161 INCHES

PROC OR SENSOR: P NUMBER SENSORS: 42

HOW PROCESSED: AVG

SENSOR LOCATION: VARIOUS RX BLDG LOCATIONS

ALARM/TRIP SETPOINT INFO: 12.5 LO, -38 LOLO

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: Y

LEVEL REFERENCE LEG: WET

UNIQUE SYSTEM DESC:

COMPOSED POINT DISPLAYS LEVEL OBTAINED
FROM ELGIBLE INSTRUMENTS FOR NARROW,
WIDE, FUEL ZONE, UPSET OR SHUTDOWN
RANGES RESPECTIVELY

RECORD NUMBER: 03

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: MAIN FD FLOW POINT ID: A194

PLANT POINT DESCRIPTION: RX FEEDWATER FL LINE A

ERDS DESC N/A ANALOG/DIGITAL A

ENG UNITS: MLB/HR ENG UNITS CONV: N/A

MIN INSTR RANGE: 0 MAX INSTR RANGE: 8.5

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR S NUMBER SENSORS: 1

HOW PROCESSED: SQRT

SENSOR LOCATION: RM 1503 TURBINE BLDG

ALARM/TRIP SETPOINT INFO: N/A

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG: N/A

UNIQUE SYSTEM DESC:

RECORD NUMBER: 04

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: MAIN FD FLOW POINT ID: A195

PLANT POINT DESCRIPTION: RX FEEDWATER FL LINE B

ERDS DESC N/A ANALOG/DIGITAL A

ENG UNITS: MLB/HR ENG UNITS CONV: N/A

MIN INSTR RANGE: 0 MAX INSTR RANGE: 8.5

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR S NUMBER SENSORS: 1

HOW PROCESSED: SQRT

SENSOR LOCATION: RM 1503 TURBINE BLDG

ALARM/TRIP SETPOINT INFO: N/A

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG N/A

UNIQUE SYSTEM DESC:

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: RCIC FLOW POINT ID: A2491

PLANT POINT DESCRIPTION: RCIC PUMP DISCHARGE FLOW

ERDS DESC N/A ANALOG/DIGITAL A

ENG UNITS: GPM ENG UNITS CONV: N/A

MIN INSTR RANGE: 0 MAX INSTR RANGE: 700

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR S NUMBER SENSORS: 1

HOW PROCESSED: LINEAR

SENSOR LOCATION: RM 4108 REACTOR BLDG

ALARM/TRIP SETPOINT INFO: N/A

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG N/A

UNIQUE SYSTEM DESC: [Empty text box with 10 horizontal lines]

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: RCS PRESSURE POINT ID: B5019

PLANT POINT DESCRIPTION: SPDS REACTOR AVG PRESS

ERDS DESC N/A ANALOG/DIGITAL A

ENG UNITS: PSIG ENG UNITS CONV: N/A

MIN INSTR RANGE: 0 MAX INSTR RANGE: 1500

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR P NUMBER SENSORS: 7

HOW PROCESSED: CALCULATED

SENSOR LOCATION: VARIOUS REACTOR BLDG LOCATIONS

ALARM/TRIP SETPOINT INFO: HI 1037, HIHI 1071

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG N/A

UNIQUE SYSTEM DESC:
USES NARROW RANGE UNLESS IT IS INVALID;
WHEN INVALID USES WIDE RANGE.

RECORD NUMBER: 07

DATE REACT

DATA FEEDER:

NRC ERDS PARAMETER: POINT ID:

PLANT POINT DESCRIPTION:

ERDS DESC ANALOG/DIGITAL

ENG UNITS: ENG UNITS CONV:

MIN INSTR RANGE: MAX INSTR RANGE:

ZERO POINT REFERENCE:

REFERENCE POINT NOTES:

PROC OR SENSOR NUMBER SENSORS:

HOW PROCESSED:

SENSOR LOCATION:

ALARM/TRIP SETPOINT INFO:

NI DETECTOR PWR CUT OFF LVL:

NI DETECTOR PWR TURN ON LVL:

INSTRUMENT FAIL MODE:

TEMP COMP FOR DP TRANSMITTERS:

LEVEL REFERENCE LEG

UNIQUE SYSTEM DESC:

L&TE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: LPCI FLOW POINT ID: A3138

PLANT POINT DESCRIPTION: RHR PMP CP202 DISCH FLOW

ERDS DESC N/A ANALOG/DIGITAL A

ENG UNITS: GPM ENG UNITS CONV: N/A

MIN INSTR RANGE: 0 MAX INSTR RANGE: 12000

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR S NUMBER SENSORS: 1

HOW PROCESSED: LINEAR

SENSOR LOCATION: RM 4114 REACTOR BLDG

ALARM/TRIP SETPOINT INFO: N/A

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG N/A

UNIQUE SYSTEM DESC:

RECORD NUMBER: 09

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: LPCI FLOW POINT ID: A3139

PLANT POINT DESCRIPTION: RHR PMP BP202 DISCH FLOW

ERDS DESC: N/A ANALOG/DIGITAL A

ENG UNITS: GPM ENG UNITS CONV: N/A

MIN INSTR RANGE: 0 MAX INSTR RANGE: 12000

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR S NUMBER SENSORS: 1

HOW PROCESSED: LINEAR

SENSOR LOCATION: RM 4205 REACTOR BLDG

ALARM/TRIP SETPOINT INFO: N/A

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG: N/A

UNIQUE SYSTEM DESC:

RECORD NUMBER: 10

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: LPCI FLOW POINT ID: A3163

PLANT POINT DESCRIPTION: RHR PMP DP202 DISCH FLOW

ERDS DESC N/A ANALOG/DIGITAL A

ENG UNITS: GPM ENG UNITS CONV: N/A

MIN INSTR RANGE: 0 MAX INSTR RANGE: 12000

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR S NUMBER SENSORS: 1

HOW PROCESSED: LINEAR

SENSOR LOCATION: RM 4107 REACTOR BLDG

ALARM/TRIP SETPOINT INFO: N/A

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG N/A

UNIQUE SYSTEM DESC: [Empty text box with 10 horizontal lines]

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: LPCI FLOW POINT ID: A3137

PLANT POINT DESCRIPTION: RHR PMP AP202 DISCH FLOW

ERDS DESC N/A ANALOG/DIGITAL A

ENG UNITS: GPM ENG UNITS CONV: N/A

MIN INSTR RANGE: 0 MAX INSTR RANGE: 12000

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR S NUMBER SENSORS: 1

HOW PROCESSED: LINEAR

SENSOR LOCATION: RM 4215 REACTOR BLDG

ALARM/TRIP SETPOINT INFO: N/A

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG N/A

UNIQUE SYSTEM DESC:

RECORD NUMBER: 12

DATE: 05/29/2002 REACT: HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: CR SPRAY FL POINT ID: A2224

PLANT POINT DESCRIPTION: CS LOOP A INJECT LINE FLOW

ERDS DESC: N/A ANALOG/DIGITAL: A

ENG UNITS: GPM ENG UNITS CONV: SQRT

MIN INSTR RANGE: 0 MAX INSTR RANGE: 10000

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR: S NUMBER SENSORS: 1

HOW PROCESSED: SQRT

SENSOR LOCATION: RM 4116 REACTOR BLDG

ALARM/TRIP SETPOINT INFO: N/A

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG: N/A

UNIQUE SYSTEM DESC:
ZERO CUTOFF VALUE OF 1000 GPM

RECORD NUMBER: 13

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: CR SPRAY FL POINT ID: A2227

PLANT POINT DESCRIPTION: CS LOOP B INJECT LINE FLOW

ERDS DESC N/A ANALOG/DIGITAL A

ENG UNITS: GPM ENG UNITS CONV: SQRT

MIN INSTR RANGE: 0 MAX INSTR RANGE: 10000

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR S NUMBER SENSORS: 1

HOW PROCESSED: SQRT

SENSOR LOCATION: RM 4105 REACTOR BLDG

ALARM/TRIP SETPOINT INFO: N/A

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG N/A

UNIQUE SYSTEM DESC:
ZERO CUTOFF VALUE OF 1000 GPM

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: EFF GAS RAD POINT ID: B5097

PLANT POINT DESCRIPTION: OFFSITE GAS RAD RELEASE

ERDS DESC N/A ANALOG/DIGITAL A

ENG UNITS: uCi/s ENG UNITS CONV: N/A

MIN INSTR RANGE: 1E-2 MAX INSTR RANGE: 1E12

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR P NUMBER SENSORS: 11

HOW PROCESSED: CALCULATED

SENSOR LOCATION: PLANT VENTS

ALARM/TRIP SETPOINT INFO: HIHI 4.8E5

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG N/A

UNIQUE SYSTEM DESC:
LOW, MED & HIGH RANGES ARE USED AND
COMPARED TO BACKGROUND
ALERT ALARM IS 4.8E5; GENERAL
EMERGENCY IS 7.6E+8. B5097 IS A
SUMMATION OF ALL FOUR RELEASE PATHS
(NORTH PLANT VENT, SOUTH PLANT VENT,
FILTRATION & RECIRCULATION VENT
SYSTEM, AND HARDENED TORUS VENT).
ECG REV. 0 P. 2&4 SECTION 6

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: DW RAD POINT ID: R9635

PLANT POINT DESCRIPTION: DAPA CH A

ERDS DESC DRYWELL ATMOS POST ACCIDENT CH A ANALOG/DIGITAL A

ENG UNITS: R/HR ENG UNITS CONV: N/A

MIN INSTR RANGE: 1 MAX INSTR RANGE: 1E8

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR S NUMBER SENSORS: 1

HOW PROCESSED: LINEAR

SENSOR LOCATION: RM 4220 DRYWELL

ALARM/TRIP SETPOINT INFO: HI 1.2E2, HIHI 2.0E2

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG N/A

UNIQUE SYSTEM DESC:

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: DW PRESS POINT ID: B5030

PLANT POINT DESCRIPTION: SPDS DRYWELL AVG PRESS

ERDS DESC N/A ANALOG/DIGITAL A

ENG UNITS: PSIG ENG UNITS CONV: N/A

MIN INSTR RANGE: -5 MAX INSTR RANGE: 250

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR P NUMBER SENSORS: 3

HOW PROCESSED: CALCULATED

SENSOR LOCATION: REACTOR BLDG

ALARM/TRIP SETPOINT INFO: HI 1.68, HIHI 14.8

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG N/A

UNIQUE SYSTEM DESC:
USES NARROW RANGE UNLESS IT IS
INVALID; WHEN INVALID USES THE
WIDE RANGE WHICH IS AN AVERAGE.

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: DW TEMP POINT ID: B5070

PLANT POINT DESCRIPTION: SPDS VOL DRYWELL AVG TEMP

ERDS DESC: N/A ANALOG/DIGITAL: A

ENG UNITS: DEG F ENG UNITS CONV: CALCULATED

MIN INSTR RANGE: 40 MAX INSTR RANGE: 500

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR: P NUMBER SENSORS: 24

HOW PROCESSED: WEIGHTED AVG

SENSOR LOCATION: VARIOUS DRYWELL LOCATIONS

ALARM/TRIP SETPOINT INFO: HI 135, HIHI 340

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG: N/A

UNIQUE SYSTEM DESC:

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: SP TEMP POINT ID: B5084

PLANT POINT DESCRIPTION: SPDS SUPP POOL AVG TEMP

ERDS DESC: N/A ANALOG/DIGITAL: A

ENG UNITS: DEG F ENG UNITS CONV: N/A

MIN INSTR RANGE: 40 MAX INSTR RANGE: 300

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR: P NUMBER SENSORS: 16

HOW PROCESSED: AVG

SENSOR LOCATION: VARIOUS SUPP POOL LOCATIONS

ALARM/TRIP SETPOINT INFO: HI 95, HIHI 110

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG: N/A

UNIQUE SYSTEM DESC:

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: SP LEVEL POINT ID: B5040

PLANT POINT DESCRIPTION: SPDS SUPP POOL AVG WATER LEVEL

ERDS DESC N/A ANALOG/DIGITAL A

ENG UNITS: INCHES ENG UNITS CONV: N/A

MIN INSTR RANGE: 0 MAX INSTR RANGE: 180

ZERO POINT REFERENCE: YES

REFERENCE POINT NOTES: 94 INCHES ABOVE BOTTOM OF VESSEL

PROC OR SENSOR P NUMBER SENSORS: 4

HOW PROCESSED: AVG

SENSOR LOCATION: REACTOR BLDG

ALARM/TRIP SETPOINT INFO: 55.0 LOLO, 74.5 LO; 78.5 HI, 124.0 HIHI

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG DRY

UNIQUE SYSTEM DESC:
CALCULATED AS AVERAGE OF GOOD
SUPPRESSION POOL NARROW RANGE LEVELS.
IF NARROW RANGE LEVELS ARE
OUT-OF-RANGE OR FAILED, B5040 IS
CALCULATED AS AN AVERAGE OF GOOD
WIDE RANGE SUPPRESSION POOL LEVELS.
HC.OP-EO.22-0102(Q)-FC

RECORD NUMBER: 20

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: H2 CONC POINT ID: B8201

PLANT POINT DESCRIPTION: H2/O2 ANALYZER AVG % H2

ERDS DESC N/A ANALOG/DIGITAL A

ENG UNITS: % ENG UNITS CONV: N/A

MIN INSTR RANGE: 0 MAX INSTR RANGE: 10

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR P NUMBER SENSORS: 2

HOW PROCESSED: AVG

SENSOR LOCATION: REACTOR BLDG

ALARM/TRIP SETPOINT INFO: HIHI 2.0

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG N/A

UNIQUE SYSTEM DESC: [Empty table with 10 rows]

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: O2 CONC POINT ID: B8200

PLANT POINT DESCRIPTION: H2/O2 ANALYZER AVG % O2

ERDS DESC N/A ANALOG/DIGITAL A

ENG UNITS: % ENG UNITS CONV: N/A

MIN INSTR RANGE: 0 MAX INSTR RANGE: 10

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR P NUMBER SENSORS: 2

HOW PROCESSED: AVG

SENSOR LOCATION: REACTOR BLDG

ALARM/TRIP SETPOINT INFO: HIHI 3.8

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG N/A

UNIQUE SYSTEM DESC: [Empty table with 10 rows]

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: WIND SPEED POINT ID: A9800

PLANT POINT DESCRIPTION: WIND SPEED @ 33FT

ERDS DESC N/A ANALOG/DIGITAL A

ENG UNITS: MPH ENG UNITS CONV: N/A

MIN INSTR RANGE: 0 MAX INSTR RANGE: N/A

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR S NUMBER SENSORS: 1

HOW PROCESSED: AVG

SENSOR LOCATION: METEOROLOGICAL TOWER

ALARM/TRIP SETPOINT INFO: N/A

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG N/A

UNIQUE SYSTEM DESC: 15 MINUTE AVERAGE BEGINNING AT THE QUARTER HOUR

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: WIND SPEED POINT ID: A9801

PLANT POINT DESCRIPTION: WIND SPEED @ 150FT

ERDS DESC N/A /N LOG/DIGITAL A

ENG UNITS: MPH ENG UNITS CONV: N/A

MIN INSTR RANGE: 0 MAX INSTR RANGE: N/A

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR S NUMBER SENSORS: 1

HOW PROCESSED: AVG

SENSOR LOCATION: METEOROLOGICAL TOWER

ALARM/TRIP SETPOINT INFO: N/A

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG N/A

UNIQUE SYSTEM DESC: 15 MINUTE AVERAGE BEGINNING AT THE QUARTER HOUR

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: WIND SPEED POINT ID: A9802

PLANT POINT DESCRIPTION: WIND SPEED @ 300FT

ERDS DESC N/A ANALOG/DIGITAL A

ENG UNITS: MPH ENG UNITS CONV: N/A

MIN INSTR RANGE: 0 MAX INSTR RANGE: N/A

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR S NUMBER SENSORS: 1

HOW PROCESSED: AVG

SENSOR LOCATION: METEOROLOGICAL TOWER

ALARM/TRIP SETPOINT INFO: N/A

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG N/A

UNIQUE SYSTEM DESC:
15 MINUTE AVERAGE BEGINNING AT THE
QUARTER HOUR

DATE: 05/29/2002 REACT: HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: WIND DIR POINT ID: A9803

PLANT POINT DESCRIPTION: WIND DIRECTION @ 33FT

ERDS DESC: N/A ANALOG/DIGITAL: A

ENG UNITS: DEGFR ENG UNITS CONV: N/A

MIN INSTR RANGE: 0 MAX INSTR RANGE: 360

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR: S NUMBER SENSORS: 1

HOW PROCESSED: AVG

SENSOR LOCATION: METEOROLOGICAL TOWER

ALARM/TRIP SETPOINT INFO: N/A

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG: N/A

UNIQUE SYSTEM DESC:

15 MINUTE AVERAGE BEGINNING AT THE
QUARTER HOUR

DATE 05/29/2002 REACT HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: WIND DIR POINT ID: A9804

PLANT POINT DESCRIPTION: WIND DIRECTION @ 150FT

ERDS DESC N/A ANALOG/DIGITAL A

ENG UNITS: DEGFR ENG UNITS CONV: N/A

MIN INSTR RANGE: 0 MAX INSTR RANGE: 360

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR S NUMBER SENSORS: 1

HOW PROCESSED: AVG

SENSOR LOCATION: METEOROLOGICAL TOWER

ALARM/TRIP SETPOINT INFO: N/A

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG N/A

UNIQUE SYSTEM DESC:
15 MINUTE AVERAGE BEGINNING AT THE
QUARTER HOUR

DATE: 05/29/2002 REACT: HC1

DATA FEEDER: N/A

NRC ERDS PARAMETER: WIND DIR POINT ID: A9805

PLANT POINT DESCRIPTION: WIND DIRECTION @ 300FT

ERDS DESC: N/A ANALOG/DIGITAL: A

ENG UNITS: DEGFR ENG UNITS CONV: N/A

MIN INSTR RANGE: 0 MAX INSTR RANGE: 360

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENSOR: S NUMBER SENSORS: 1

HOW PROCESSED: AVG

SENSOR LOCATION: METEOROLOGICAL TOWER

ALARM/TRIP SETPOINT INFO: N/A

NI DETECTOR PWR CUT OFF LVL: N/A

NI DETECTOR PWR TURN ON LVL: N/A

INSTRUMENT FAIL MODE: LOW

TEMP COMP FOR DP TRANSMITTERS: N

LEVEL REFERENCE LEG: N/A

UNIQUE SYSTEM DESC:

15 MINUTE AVERAGE BEGINNING AT THE
QUARTER HOUR