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PR

March 30, 2001

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

Subject: Waterford 3 SES
Docket No. 50-382
License No. NPF-38
ERDS Data Point Library (DPL) Changes

Gentlemen:

Entergy is hereby notifying the NRC Staff of updates to the Waterford 3 Emergency Response Data System (ERDS) Data Point Library (DPL), in accordance with 10 CFR 50 Appendix E.VI.3.a. Attached are updated DPL reference file pages reflecting changes made affecting five NRC ERDS parameters. The changes to two of the parameters (RCS LTDN RAD and COND A/E RAD) were not reported within the required 30-day period. This is being addressed within the Waterford 3 Corrective Action Program (CR-WF3-2001-0296).

If you have any questions, please contact O. Pipkins at (504) 739-6707. There are no commitments contained in this submittal.

Very truly yours,

A handwritten signature in cursive script that reads "Alan J. Harris".

A. J. Harris
Director
Nuclear Safety Assurance

AJH/OPP/cbh

cc: E.W. Merschoff (NRC Region IV), N. Kalyanam (NRC-NRR),
J. Smith, N. S. Reynolds, NRC Resident Inspectors Office

A026

Description of ERDS Data Point Library (DPL) Changes

NRC ERDS Parameter: NI SOURCE RNG
Generic Description: Nuclear Instr Source Range

Changed the Minimum Instrument Range, as well as the NI Detector Power Supply Cut-off and Turn-on Power Levels to their proper values.

NRC ERDS Parameter: EFF GAS RAD
Generic Description: Radioactivity of Released Gases

Replaced the point for this parameter. The current point is Plant Stack Gas Radiation in engineering units of uCi/CC. The new point is Plant Stack Gas Radiation Release Rate in engineering units of uCi/Second.

NRC ERDS Parameter: COND A/E RAD
Generic Description: Condenser Air Ejector Radioactivity

Replaced the point for this parameter. The current point is from a radiation monitor that has been removed. The new point is a radiation monitor that provides the same information.

NRC ERDS Parameter: CNTMNT RAD
Generic Description: Radiation Level in Containment

Replaced the point for this parameter. The current point is Containment Area Radiation in engineering units of mR/HR. The new point is Containment High Range Area Radiation in engineering units R/HR.

NRC ERDS Parameter: RCS LTDN RAD
Generic Description: Rad Level of RCS Letdown Line

No point will be provided for this parameter. The current point is from a radiation monitor that has been removed. There is no other point available which provides this information.

DATA POINT LIBRARY REFERENCE FILE

Date: 3/19/01
Reactor Unit: WF3
Data Feeder: N/A

NRC ERDS Parameter: NI SOURC RNG
Point ID: S27101
Plant Spec Point Desc.: Startup Channel 2 Neutron Flux Level
Generic/Cont Desc.: Nuclear Instr Source Range

Analog/Digital: A
Engr Units/Dig States: CPS
Engr Units Conversion: N/A

Minimum Instr Range: 1.00E+00
Maximum Instr Range: 1.00E+05

Zero Point Reference: N/A
Reference Point Notes: N/A

PROC or SENS: P
Number of Sensors: 1
How Processed: Unit Conversion
Sensor Locations: Outside Reactor Vessel at Level of Core
Alarm/Trip Set Points: N/A

NI Detector Power Supply
Cut-off Power Level: 1.00E-06% of Logarithmic Power
NI Detector Power Supply
Turn-on Power Level: 1.00E-06% of Logarithmic Power

Instrument Failure Mode: Medium

Temperature Compensation
For DP Transmitter: N/A
Level Reference Leg: N/A

Unique System Desc.:
Excure Nuclear Instrument Neutron Flux Detector 0005
DATA IS NOT AVAILABLE IN REQUESTED FORM

INPUTS:
A27101: STARTUP CH 2 NEUTRON FLUX LEVEL

Prepared by: TEP [Signature] 3/19/01 Verified by: Wm M. [Signature] 3/19/01
(Printed initials/signature/date)

Data Base Item Number: 130

DATA POINT LIBRARY REFERENCE FILE

Date: 3/19/01
 Reactor Unit: WF3
 Data Feeder: N/A

 NRC ERDS Parameter: EFF GAS RAD
 Point ID: C48194
 Plant Spec Point Desc.: Plant Stack Gas Radiation Release Rate
 Generic/Cont Desc.: Radioactivity of Released Gasses

 Analog/Digital: *DA* *3/21/01*
 Engr Units/Dig States: $\mu\text{Ci/Second}$
 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: P
 Number of Sensors: 4
 How Processed: Calculated Radiation Release Rate Point
 Sensor Locations: Plant Stack Exhaust +46 Wing Area
 Alarm/Trip Set Points: Alarm: HI = $1.82\text{E}+06 \mu\text{Ci/Second}$ LO = 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: Medium

 Temperature Compensation
 For DP Transmitter: N/A
 Level Reference Leg: N/A

 Unique System Desc.:

Wide Range Gas Monitor Radiation Element 0110

INPUTS:

C48185 PRM+46 WING PS WRGM LR GAS ACTY
 C48188 PRM+46 WING PS WRGM MR GAS ACTY
 C48191 PRM+46 WING PS WRGM HR GAS ACTY
 C48187 PRM+46 WING PS WRGM LR GAS PROC FLOW

Prepared by: *TCP* *[Signature]* *3/19/01* Verified by: *Wm M Maxwell* *3/19/01*
 (Printed initials/signature/date)

Data Base Item Number: 511

DATA POINT LIBRARY REFERENCE FILE

Date: 3/19/01
 Reactor Unit: WF3
 Data Feeder: N/A

 NRC ERDS Parameter: COND A/E RAD
 Point ID: C48218
 Plant Spec Point Desc.: Condenser Vacuum Pump Exhaust Radioactivity
 Generic/Cont Desc.: Condenser Air Ejector Radioactivity

 Analog/Digital: ~~D~~ A ^{3/21/01}
 Engr Units/Dig States: $\mu\text{Ci/Second}$
 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: P
 Number of Sensors: 4
 How Processed: Calculated Radiation Release Rate Point
 Sensor Locations: Condenser Vacuum Pump Exhaust
 Alarm/Trip Set Points: Alarm: HI = $1.61\text{E}+00 \mu\text{Ci/Second}$ LO = 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: Medium

 Temperature Compensation
 For DP Transmitter: N/A
 Level Reference Leg: N/A

 Unique System Desc.:

Wide Range Gas Monitor Radiation Element 0002

INPUTS:

C48209 PRM+15 TB CVP WRGM LR GAS ACTY
 C48212 PRM+15 TB CVP WRGM MR GAS ACTY
 C48215 PRM+15 TB CVP WRGM HR GAS ACTY
 C48211 PRM+15 TB CVP WRGM LR GAS PROC FLOW

**NOTE: Actual alarm setpoint determined by site procedure CE-003-516

Prepared by: TCP 3/19/01 Verified by: Wm M. Murray 3/19/01
 (Printed initials/signature/date)

Data Base Item Number: 513

DATA POINT LIBRARY REFERENCE FILE

Date: 3/19/01
Reactor Unit: WF3
Data Feeder: N/A

NRC ERDS Parameter: CNTMNT RAD
Point ID: C48235
Plant Spec Point Desc.: Containment High Range Area Radiation
Generic/Cont Desc.: Radiation Level in Containment

Analog/Digital: *DA 76 3/21/01*
Engr Units/Dig States: R/HR
Engr Units Conversion: N/A

Minimum Instr Range: 1.00E+00
Maximum Instr Range: 1.00E+08

Zero Point Reference: N/A
Reference Point Notes: N/A

PROC or SENS: S
Number of Sensors: 1
How Processed: Single Field Radiation Monitors
Sensor Locations: Containment +99 Elevation
Alarm/Trip Set Points: Alarm: HI = 5.00E+03 R/HR LO = 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: Medium

Temperature Compensation
For DP Transmitter: N/A
Level Reference Leg: N/A

Unique System Desc.:

Containment High Range Area Radiation Monitors 5400B

INPUTS:

C48235 ARM+99 RCB CTMT ATM HI RNG B ACTY

Prepared by: *TCP [Signature]* 3/19/01 Verified by: *Wm M. [Signature]* 3/19/01
(Printed initials/signature/date)

Data Base Item Number: 514

DATA POINT LIBRARY REFERENCE FILE

Date: 3/5/01
Reactor Unit: WF3
Data Feeder: N/A

NRC ERDS Parameter: RCS LTDN RAD
Point ID: N/A
Plant Spec Point Desc.: N/A
Generic/Cont Desc.: Rad Level of RCS Letdown Line

Analog/Digital: N/A
Engr Units/Dig States: N/A
Engr Units Conversion: N/A

Minimum Instr Range: N/A
Maximum Instr Range: N/A

Zero Point Reference: N/A
Reference Point Notes: N/A

PROC or SENS: N/A
Number of Sensors: N/A
How Processed: N/A
Sensor Locations: N/A
Alarm/Trip Set Points: N/A

NI Detector Power Supply
Cut-off Power Level: N/A
NI Detector Power Supply
Turn-on Power Level: N/A
Temperature Compensation

For DP Transmitter: N/A
Level Reference Leg: N/A

Unique System Desc.: N/A

INPUTS:
None

NOTE:
The Process Radiation Monitor that monitored this parameter was removed from service by Design Change 3432.

Prepared by: Chris Tramm / ^{3/5/01} [Signature] Verified by: R.B. Gilmore 3/5/01
(Printed initials/signature/date)

Data Base Item Number: 515