

**Detroit Edison**



November 3, 1998  
NRC-98-0147

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington D C 20555-0001

Reference: Fermi 2  
NRC Docket No. 50-341  
NRC License No. NPF-43

Subject: Submittal of Changes to Emergency Response  
Data System (ERDS) Data Point Library

In accordance with 10 CFR 50, Appendix E, Section VI.3.a, enclosed are two revised Emergency Response Data System (ERDS) Data Point Library Reference Files. The revisions were implemented on October 21, 1998 and consist of (1) assigning new Point Identification (ID) names, (2) changing the "PROC or SENS" signal descriptions, (3) revising the "How Processed" algorithms and (4) including a comment in the "Temperature Compensation for DP Transmitters" field. All changes are indicated on the enclosed files.

Should you have any questions or require additional information, please contact me at (734) 586-4258.

Sincerely,

Norman K. Peterson  
Director - Nuclear Licensing

Enclosures

cc: B. L. Burgess  
A. J. Kugler  
NRC Resident Office  
Regional Administrator, Region III  
Supervisor, Electric Operators,  
Michigan Public Service Commission

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DATA POINT LIBRARY REFERENCE FILE

Date: 02/20/92

Reactor Unit: FE2

Data Feeder: N/A

NRC ERDS Parameter: REAC VES LEV

Point ID: B21CL253 - REVISE

Plant Spec Point Desc.: RPV Water Level Fuel Zone Div 1

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: P - REVISE

Number of Sensors: 001

How Processed: COMPENSATION APPLIED TO DIRECT INPUT - REVISE

Sensor Locations: Rx vessel nozzle. AZ 40°. 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: SPECIAL CALC BASED ON RX PRESSURE - REVISE

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: B21CL254 — REVISE

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: P — REVISE

Number of Sensors: 001 — REVISE

How Processed: COMPENSATION APPLIED TO DIRECT INPUT

Sensor Locations: Rx vessel nozzle, AZ 220<sup>0</sup>, 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: SPECIAL CALC BASED ON RX PRESSURE — REVISE

Level Reference Lag: 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.