



# Florida Power

CORPORATION

Crystal River Unit 3

Docket No. 50-302

August 6, 1996  
3F0896-08

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

Subject: Emergency Response Data System

Dear Sir:

Florida Power Corporation (FPC) is in the process of replacing the main steam line radiation monitors for Crystal River Unit 3 (CR-3). The new monitors provide a more sophisticated measurement of primary-to-secondary system leakage which includes an automated conversion to gallons per day. This allows direct assessment of primary-to-secondary leakage any time the reactor is at power. The attached revised data points were incorporated into the Emergency Response Data System (ERDS) on July 8, 1996. This information is provided in accordance with 10 CFR 50, Appendix E, Section VI.3.a which states that data point changes must be submitted to the NRC within 30 days after the changes are complete.

Sincerely,

P. M. Beard, Jr.  
Senior Vice President  
Nuclear Operations

Attachment

PMB:AEF

xc: Regional Administrator, Region II  
Senior Resident Inspector  
NRC Project Manager

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**PWR Data Point Library Reference File**

Date: July 3, 1996

Reactor Unit: CR3 - Crystal River-3

Data Feeder: N/A

NRC ERDS Parameter: MAIN SL B1

Point ID: W319

Plant Specific Point Description: RM-G26 - B1 Pri/Sec Leakage

Generic/Cond Description: Stm Gen B1 Steam Line Rad Level

Analog/Digital: A

Engineering Units/Digital State: GPD (Gallons per Day)

Engineering Units Conversion: N/A

Minimum Instrument Range: 0.1

Maximum Instrument Range: 100

Zero Point Reference: N/A

Reference Point Notes: N/A

PROC or SENS: S

Number of Sensors: 1

How Processed: N/A

Sensor Locations: Intermediate Building

Alarm/Trip Setpoints: 50 GPD High/ 100 GPD High High

NI Detector Power Supply

Cut-off Power Level: N/A

NI Detector Power Supply

Turn-on Power Level: N/A

Instrument Failure Mode: None

Temperature Compensation

for DP Transmitters: N/A

Level Reference Leg: N/A

Unique System Description: Monitors the B-1 main steam line for N-16 and calculates primary to secondary leakage.

### PWR Data Point Library Reference File

Date: July 3, 1996

Reactor Unit: CR3 - Crystal River-3

Data Feeder: N/A

NRC ERDS Parameter: MAIN SL A2

Point ID: W320

Plant Specific Point Description: RM-G27 - A2 Pri/Sec Leakage

Generic/Cond Description: Stm Gen A2 Steam Line Rad Level

Analog/Digital: A

Engineering Units/Digital State: GPD (Gallons per Day)

Engineering Units Conversion: N/A

Minimum Instrument Range: 0.1

Maximum Instrument Range: 100

Zero Point Reference: N/A

Reference Point Notes: N/A

PROC or SENS: S

Number of Sensors: 1

How Processed: N/A

Sensor Locations: Intermediate Building

Alarm/Trip Setpoints: 50 GPD High / 100 GPD High High

NI Detector Power Supply

Cut-off Power Level: N/A

NI Detector Power Supply

Turn-on Power Level: N/A

Instrument Failure Mode: None

Temperature Compensation

for DP Transmitters: N/A

Level Reference Leg: N/A

Unique System Description: Monitors the A-2 main steam line for N-16 and calculates primary to secondary leakage.