



Crystal River Nuclear Plant
Docket No. 50-302
Operating License No. DPR-72

Ref: 10 CFR 50, Appendix E

October 28, 2003
3F1003-09

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Subject: Crystal River Unit 3 - Emergency Response Data System

Dear Sir:

The purpose of this letter is to provide a 30 day report to the NRC required by 10CFR50, Appendix E, Section VI.3.a. Software changes were made that affect four (4) transmitted data points identified in the Emergency Response Data System Library for Progress Energy Florida, Inc., Crystal River Unit 3.

Data points P202, P203, P212, and P213 are Nuclear Instrumentation signals for Source Range and Intermediate Range inputs. They currently display in a linear scale. These data points have been converted from a linear display to a linear exponential display to match the display formatting used for the same points in the Recall/Safety Parameter Display System. The conversion of these points was modified to use a linear exponential conversion. The Minimum Instrument Range, Maximum Instrument Range, Engineering Units Conversion and Plant Specific Point Description fields have been updated to reflect this change. Previously, these points displayed a value that was the exponent to which 10 was to be raised to provide the actual counts per second. This change will now display the actual counts per second.

If you have any questions regarding this submittal, please contact Mr. Sid Powell, Supervisor, Licensing and Regulatory Programs at (352) 563-4883.

Sincerely,

Donald L. Taylor
Manager, Support Services
Crystal River Nuclear Plant

DLT/dwh

Attachment: Revised PWR Data Point Library Reference Files

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

Progress Energy Florida, Inc.
Crystal River Nuclear Plant
15760 W. Powerline Street
Crystal River, FL 34428

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PROGRESS ENERGY FLORIDA, INC.

CRYSTAL RIVER UNIT 3

DOCKET NUMBER 50 - 302 / LICENSE NUMBER DPR - 72

ATTACHMENT

**Revised PWR Data Point Library
Reference Files**

PWR Data Point Library Reference File

Date:	10/24/03
Reactor Unit:	Crystal River Unit 3
Data Feeder:	N/A
NRC ERDS Parameter:	NI SOURC RNG
Point ID:	P202
Plant Specific Point Description:	Count Rate Channel NI-1
Generic/Cond Description:	Nuclear Instruments, Source Range
Analog/Digital:	A
Engineering Units/Digital State:	N/A
Engineering Units Conversion:	CPS
Minimum Instrument Range:	0.1
Maximum Instrument Range:	1E+6
Zero Point Reference:	N/A
Reference point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	Outside of reactor core but in vicinity
Alarm/Trip Setpoints:	N/A
NI Detector Power Supply Cut-off Power Level:	1E-9 Amps
NI Detector Power Supply Turn-off Power Level:	5E-10 Amps
Instrument Failure Mode:	Low
Temperature Compensation for DP Transmitters	N/A
Level Reference Leg:	N/A
Unique System Description:	N/A

PWR Data Point Library Reference File

Date:	10/24/03
Reactor Unit:	Crystal River Unit 3
Data Feeder:	N/A
NRC ERDS Parameter:	NI SOURC RNG
Point ID:	P203
Plant Specific Point Description:	Count Rate Channel NI-2
Generic/Cond Description:	Nuclear Instruments, Source Range
Analog/Digital:	A
Engineering Units/Digital State:	N/A
Engineering Units Conversion:	CPS
Minimum Instrument Range:	0.1
Maximum Instrument Range:	1E+6
Zero Point Reference:	N/A
Reference point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	Outside of reactor core but in vicinity
Alarm/Trip Setpoints:	N/A
NI Detector Power Supply Cut-off Power Level:	1E-9 Amps
NI Detector Power Supply Turn-off Power Level:	5E-10 Amps
Instrument Failure Mode:	Low
Temperature Compensation for DP Transmitters	N/A
Level Reference Leg:	N/A
Unique System Description:	N/A

PWR Data Point Library Reference File

Date:	10/24/03
Reactor Unit:	Crystal River Unit 3
Data Feeder:	N/A
NRC ERDS Parameter:	NI INTER RNG
Point ID:	P212
Plant Specific Point Description:	Channel NI-3 (AMP)
Generic/Cond Description:	Nuclear Instruments, Intermediate Range
Analog/Digital:	A
Engineering Units/Digital State:	N/A
Engineering Units Conversion:	Amps
Minimum Instrument Range:	1E-11
Maximum Instrument Range:	0.001
Zero Point Reference:	N/A
Reference point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	Outside of reactor core but in vicinity
Alarm/Trip Setpoints:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-off Power Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation for DP Transmitters	N/A
Level Reference Leg:	N/A
Unique System Description:	N/A

PWR Data Point Library Reference File

Date:	10/24/03
Reactor Unit:	Crystal River Unit 3
Data Feeder:	N/A
NRC ERDS Parameter:	NI INTER RNG
Point ID:	P213
Plant Specific Point Description:	Channel NI-4 (AMP)
Generic/Cond Description:	Nuclear Instruments, Intermediate Range
Analog/Digital:	A
Engineering Units/Digital State:	N/A
Engineering Units Conversion:	Amps
Minimum Instrument Range:	1E-11
Maximum Instrument Range:	0.001
Zero Point Reference:	N/A
Reference point Notes:	N/A
PROC or SENS:	S
Number of Sensors:	1
How Processed:	N/A
Sensor Locations:	Outside of reactor core but in vicinity
Alarm/Trip Setpoints:	N/A
NI Detector Power Supply Cut-off Power Level:	N/A
NI Detector Power Supply Turn-off Power Level:	N/A
Instrument Failure Mode:	Low
Temperature Compensation for DP Transmitters	N/A
Level Reference Leg:	N/A
Unique System Description:	N/A