



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

Ref: 10 CFR 50.55a

October 23, 2007  
3F1007-13

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

Subject: Crystal River Unit 3 – Response to Request for Additional Information Regarding Relief Requests #07-001-RR, Revision 0, and #07-002-RR, Revision 0

- References:
1. Crystal River Unit 3 to NRC letter dated April 12, 2007, "Crystal River Unit 3-Resubmittal of Relief Requests #07-001-RR, Revision 0, and #07-002-RR, Revision 0"
  2. Crystal River Unit 3 to NRC letter dated September 13, 2007, "Crystal River Unit 3 - Response to Request for Additional Information Regarding Relief Requests #07-001-RR, Revision 0, and #07-002-RR, Revision 0"

Dear Sir:

Pursuant to 10 CFR 50.55a(a)(3)(i), Florida Power Corporation (FPC) doing business as Progress Energy Florida, Inc., is hereby submitting the response to a Nuclear Regulatory Commission (NRC) request for additional information (RAI) received by email on October 18, 2007. This RAI response is based on Relief Requests #07-001-RR, Revision 0, and #07-002-RR, Revision 0.

No regulatory commitments are being made in this submittal.

If you have any questions regarding this submittal, please contact Mr. Dennis Herrin, Acting Supervisor, Licensing and Regulatory Programs at (352) 563-4633.

Sincerely,

Stephen J. Cahill  
Engineering Manager

SJC/seb

Attachment: Response to Request for Additional Information

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

A047  
NRR

**PROGRESS ENERGY FLORIDA, INC.**

**CRYSTAL RIVER UNIT 3**

**DOCKET NUMBER 50 - 302 / LICENSE NUMBER DPR - 72**

**ATTACHMENT**

**RELIEF REQUEST #07-001-RR, REVISION 0**

**AND**

**RELIEF REQUEST #07-002-RR, REVISION 0**

**Response to Request for Additional Information**

## Response to Request for Additional Information

### NRC Request

**(1) In the RAIs emailed August 6, 2007, we asked you to clarify how you would measure the initial temperature and the interpass temperature. The RAI response only addresses the interpass temperature. Can you clarify that you will use the contact pyrometer for initial temperature as well?**

### FPC Response

(1) A contact pyrometer will be used to measure initial surface temperature of the weld pad area.

### NRC Request

**(2) Second, your relief request refers to Code Case N-416-2, which was approved WITH CONDITION in Rev 13 to RG 1.147. Please address the use of Code Case N-416-3 which was approved in RG 1.147 Rev 14 or address the condition in Code Case N-416-2.**

### FPC Response

(2) FPC requests to use Code Case N-416-2. Code Case N-416-2 was approved with one condition in RG 1.147, Rev. 13. This condition reads, "The provisions of IWA-5213, "Test Condition Holding Times," 1989 Edition, are to be used." IWA-5213 denotes hold times for test conditions, required after pressurization and before the visual examinations commences. The provision of IWA-5213 that is applicable as a condition when using Code Case N-416-2 is IWA-5213(a) for system leakage tests. IWA-5213(a) reads, "no holding time required after attaining test pressure and temperature conditions." CR-3 Surveillance Procedure, SP-204, "Class 1 System, System Leakage Test for Inservice Inspection," addresses system leakage tests and will require no revisions based on the zero hold time required as a condition of the use of Code Case N-416-2 in RG 1.147, Revision 13. Therefore, FPC will meet the conditions of Code Case N-416-2 included in RG 1.147, Revision 13.