



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

Ref: 10 CFR 50.54(f)

October 24, 2006
3F1006-05

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
11555 Rockville Pike
Rockville, MD 20852

Subject: Crystal River Unit 3 – Revised Commitments Regarding the Crystal River Unit 3 Response to Generic Letter 2004-02, “Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis Accidents at Pressurized-Water Reactors”

Reference: PEF to NRC letter dated August 30, 2005, Crystal River Unit 3 – Response to Generic Letter 2004-02, “Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis Accidents at Pressurized-Water Reactors”

Dear Sir:

Florida Power Corporation, doing business as Progress Energy Florida, Inc. (PEF), hereby submits revised due dates for Regulatory Commitments listed in the referenced Crystal River Unit 3 (CR-3) Response to Generic Letter 2004-02, “Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis Accidents at Pressurized-Water Reactors.” In the letter, PEF made the Regulatory Commitments to: 1) perform analyses or testing needed to confirm assumptions made for coating zone of influence, chemical effects and downstream effects, and 2) revise analyses for debris transport, latent debris and head loss to address issues identified in the pilot plant audit report. These commitments were to be met by October 31, 2006. This date was based on the state of the project in August 2005, and the expected gain in industry knowledge of the impact of chemical and downstream effects on emergency recirculation.

Since August 2005, industry research and testing efforts have failed to produce compelling conclusions about chemical and downstream effects and their impact on emergency recirculation. As a result, PEF will be unable to meet the original commitment date of October 31, 2006. PEF has and will continue to closely monitor and participate in industry efforts to produce viable arguments on the impact of chemical and downstream effects.

To date, efforts by CR-3 to resolve the strainer blocking issue have included completion of the physical installation of a sump design which provides a significant increase in capacity from the original configuration and development of procedural guidance for backwashing sump screens as a means of reducing differential pressure across the screen surface should it become blocked by

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

4116

debris. Flow diverters, debris interceptors and other hardware and instrumentation enhancements have also been installed to provide assurance that the reactor building sump at CR-3 will perform as required.

The revised due dates for the Regulatory Commitments mentioned above are provided in an attachment to this letter. These due dates are consistent with the resolution schedule required by Generic Letter 2004-02.

If you have any questions regarding this submittal, please contact Mr. Paul Infanger, Supervisor, Licensing and Regulatory Programs at (352) 563-4796.

Sincerely,

A handwritten signature in black ink that reads "Dale E. Young". The signature is written in a cursive style with a long, sweeping underline.

Dale E. Young
Vice President
Crystal River Nuclear Plant

DEY/seb

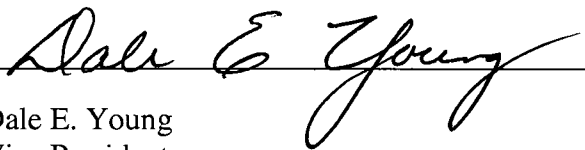
Attachment

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

STATE OF FLORIDA

COUNTY OF CITRUS

Dale E. Young states that he is the Vice President, Crystal River Nuclear Plant for Florida Power Corporation, doing business as Progress Energy Florida, Inc. (PEF); that he is authorized on the part of said company to sign and file with the Nuclear Regulatory Commission the information attached hereto; and that all such statements made and matters set forth therein are true and correct to the best of his knowledge, information, and belief.

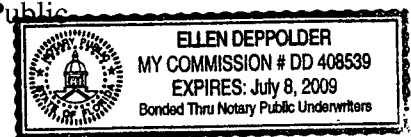


Dale E. Young
Vice President
Crystal River Nuclear Plant

The foregoing document was acknowledged before me this 24 day of October, 2006, by Dale E. Young.



Signature of Notary Public
State of Florida



(Print, type, or stamp Commissioned
Name of Notary Public)

Personally Known ✓ -OR- Produced Identification

PROGRESS ENERGY FLORIDA, INC.

CRYSTAL RIVER UNIT 3

DOCKET NUMBER 50-302/LICENSE NUMBER DPR-72

ATTACHMENT

Revised Regulatory Commitments

List of Regulatory Commitments

The following table identifies those actions committed to by Progress Energy Florida (PEF) in this document. Any other actions discussed in the submittal represent intended or planned actions by PEF. They are described to the NRC for the NRC's information and are not regulatory commitments. Please notify the Supervisor, Licensing and Regulatory Programs of any questions regarding this document or any associated regulatory commitments.

ID Number	Commitment	Due Date
137306-23	Analyses or testing needed to confirm assumptions made for coating zone of influence, chemical effects and downstream effects will be performed.	12/31/07
137306-24	CR3 will revise analyses for debris transport, latent debris and head loss to address issues identified in the pilot plant audit report.	12/31/07