



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

Ref: 10 CFR 50.46

November 17, 2004
3F1104-05

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

Subject: Crystal River Unit 3 – 10 CFR 50.46 Loss-Of-Coolant Accident Evaluation Model Change and Peak Cladding Temperature Change Report

Reference: Letter from PEF to NRC, dated November 20, 2003 - Crystal River Unit 3 – 10 CFR 50.46 Loss-Of-Coolant Accident Evaluation Model Change and Peak Clad Temperature Change Report

Dear Sir:

Florida Power Corporation, doing business as Progress Energy Florida, Inc. (PEF), is providing the attached information pursuant to 10 CFR 50.46(a)(3)(ii). There have been no changes to the approved evaluation model or peak cladding temperature (PCT) for Crystal River Unit 3 (CR3) since the last report was submitted in the above referenced letter. A table stating the PCT for large break and small break loss-of-coolant accidents (LBLOCA and SBLOCA, respectively) is included in the attachment.

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Michael J. Annacone'.

Michael J. Annacone
Manager Engineering

MJA/pei

Attachment: Summary of Changes to Evaluation Models and PCT for LBLOCA and SBLOCA

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

ADD1

FLORIDA POWER CORPORATION

CRYSTAL RIVER UNIT 3

DOCKET NUMBER 50-302/LICENSE NUMBER DPR-72

ATTACHMENT

**Summary of Changes to Evaluation Models and PCT for
LBLOCA and SBLOCA**

CR3 LB LOCA PCT Change Summary for 2004 Annual Report				
	Delta PCT		PCT	
Fuel Design	Mark B10	Mark B-HTP	Mark B10	Mark B-HTP
Previously Reported PCT (2003 Change Report dated 11/20/03)	N/A	N/A	1937	2023
Changes or Errors since last report	None	None	1937	2023
Cumulative Change	0	0		
Sum of absolute magnitude of changes	0	0		

CR3 SB LOCA PCT Change Summary for 2004 Annual Report				
	Delta PCT		PCT	
Fuel Design	Mark B10	Mark B-HTP	Mark B10	Mark B-HTP
Previously Reported PCT (2003 Change Report dated 11/20/03)	N/A	N/A	1400	1248
Changes or Errors since last report	None	None	1400	1248
Cumulative Change	0	0		
Sum of absolute magnitude of changes	0	0		