

November 23, 2005

Mr. Dale E. Young, Vice President
Crystal River Nuclear Plant (NA1B)
ATTN: Supervisor, Licensing & Regulatory Programs
15760 W. Power Line Street
Crystal River, Florida 34428-6708

SUBJECT: CRYSTAL RIVER UNIT 3 - CORRECTED PAGE FOR SAFETY EVALUATION
OF AMENDMENT NO. 222 REGARDING PROBABILISTIC METHODOLOGY
FOR TUBE END CRACK ALTERNATE REPAIR CRITERIA (TAC NO. MC5813)

Dear Mr. Young:

On October 31, 2005, the Nuclear Regulatory Commission issued Amendment No. 222 to Facility Operating License No. DPR-72 for Crystal River Unit 3. Due to an administrative error, the first page of the safety evaluation (SE) contained an incorrect date for Addendum C to Topical Report BAW-2346P, Revision 0. Instead of August 12, 2005, it should be August 30, 2005.

Enclosed is the corrected page 1 of the SE. Please replace the first page of the SE with the enclosed page to correct the erroneous date. We are sorry for any inconvenience this may have caused.

Sincerely,

/RA/

Brenda L. Mozafari, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-302

Enclosure:
Corrected Page 1 of SE

cc w/encl: See next page

November 23, 2005

Mr. Dale E. Young, Vice President
Crystal River Nuclear Plant (NA1B)
ATTN: Supervisor, Licensing & Regulatory Programs
15760 W. Power Line Street
Crystal River, Florida 34428-6708

SUBJECT: CRYSTAL RIVER UNIT 3 - CORRECTED PAGE FOR SAFETY EVALUATION
OF AMENDMENT NO. 222 REGARDING PROBABILISTIC METHODOLOGY
FOR TUBE END CRACK ALTERNATE REPAIR CRITERIA (TAC NO. MC5813)

Dear Mr. Young:

On October 31, 2005, the Nuclear Regulatory Commission issued Amendment No. 222 to Facility Operating License No. DPR-72 for Crystal River Unit 3. Due to an administrative error, the first page of the safety evaluation (SE) contained an incorrect date for Addendum C to Topical Report BAW-2346P, Revision 0. Instead of August 12, 2005, it should be August 30, 2005.

Enclosed is the corrected page 1 of the SE. Please replace the first page of the SE with the enclosed page to correct the erroneous date. We are sorry for any inconvenience this may have caused.

Sincerely,

/RA/

Brenda L. Mozafari, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-302

Enclosure:
Corrected Page 1 of SE

cc w/encl: See next page

Distribution:

PUBLIC	RidsAcrcAcnwMailCenter	RidsRgn2MailCenter (JMunday)
PDII-2 Reading	RidsOgcRp	RidsNrrPMBMozafari
RidsNrrDlpmLpdii	RidsNrrLABClayton	RidsNrrDlpmDpr
RidsNrrDlpmLpdii2	GHill (2 Hard Copies)	TBoyce
EMurphy	KKarowski	LLund

Package No.: ML053070396 Amendment No. 222: ML052940179
Accession Number: ML053070386 NRR-106

OFFICE	NRR/LPLD/PM	NRR/LPLD/LA	NRR/LPLD/BC
NAME	BMozafari	BClayton	MMarshall
DATE	11/08/05	11/07/05	11/23/05

OFFICIAL RECORD COPY

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 222 TO FACILITY OPERATING LICENSE NO. DPR-72

FLORIDA POWER CORPORATION, ET AL.

CRYSTAL RIVER UNIT 3 NUCLEAR GENERATING PLANT

DOCKET NO. 50-302

1.0 INTRODUCTION

By letter to the U.S. Nuclear Regulatory Commission (NRC) dated January 25, 2005, as supplemented by letters dated August 12, September 9, and October 21, 2005, Florida Power Corporation submitted a license amendment request for Crystal River Unit 3 (CR-3) regarding the implementation of the alternate tube criteria (ARC) for the tube end crack (TEC) degradation mechanism affecting the steam generator (SG) tubes. This amendment request involves changes to the method for evaluating the primary to secondary leakage which potentially may occur during a main steam line break (MSLB). Specifically, the amendment request would add the following text to the CR-3 Improved Technical Specifications (ITS) 5.6.2.10.2.f:

The contribution to MSLB leakage rates from TEC indications shall be determined utilizing the methodology in Addendum B dated August 10, 2005 to Topical Report BAW-2346P, Revision 0. The projection of TEC leakage that may develop during the next operating cycle shall be determined using the methodology in Addendum C dated August 30, 2005 to Topical Report BAW-2346P, Revision 0.

The supplement dated August 12, 2005, revised the original proposed initial no significant hazards consideration determination that was published on March 15, 2005 (70 FR 12746) and the NRC published a revised notice in the *Federal Register*. The supplemental letters dated September 9, and October 21, 2005, provided clarifying information that did not expand the scope of the original application or change the proposed no significant hazards consideration determination published August 26, 2005.

2.0 BACKGROUND

CR-3 is a two loop pressurized-water reactor (PWR) with once-through SGs (OTSGs) manufactured by Babcock & Wilcox. OTSGs differ from recirculating SGs of the type manufactured by Westinghouse and other manufacturers, in that the tubes are straight (no u-bends) extending from the tube inlets at the upper tubesheet to the tube outlets at the lower tubesheet. Both ends of each tube are roll expanded against the respective tubesheet over a 1-inch length and are seal welded to the respective tubesheet at the tube end. The tubes are Mill Annealed Alloy 600.

Mr. Dale E. Young
Florida Power Corporation

Crystal River Nuclear Plant, Unit 3

cc:

Mr. R. Alexander Glenn
Associate General Counsel (MAC-BT15A)
Florida Power Corporation
P.O. Box 14042
St. Petersburg, Florida 33733-4042

Chairman
Board of County Commissioners
Citrus County
110 North Apopka Avenue
Inverness, Florida 34450-4245

Mr. Jon A. Franke
Plant General Manager
Crystal River Nuclear Plant (NA2C)
15760 W. Power Line Street
Crystal River, Florida 34428-6708

Mr. Michael J. Annacone
Engineering Manager
Crystal River Nuclear Plant (NA2C)
15760 W. Power Line Street
Crystal River, Florida 34428-6708

Mr. Jim Mallay
Framatome ANP
1911 North Ft. Myer Drive, Suite 705
Rosslyn, Virginia 22209

Mr. Daniel L. Roderick
Director Site Operations
Crystal River Nuclear Plant (NA2C)
15760 W. Power Line Street
Crystal River, Florida 34428-6708

Mr. William A. Passetti, Chief
Department of Health
Bureau of Radiation Control
2020 Capital Circle, SE, Bin #C21
Tallahassee, Florida 32399-1741

Senior Resident Inspector
Crystal River Unit 3
U.S. Nuclear Regulatory Commission
6745 N. Tallahassee Road
Crystal River, Florida 34428

Attorney General
Department of Legal Affairs
The Capitol
Tallahassee, Florida 32304

Mr. Terry D. Hobbs
Manager Nuclear Assessment
Crystal River Nuclear Plant (NA2C)
15760 W. Power Line Street
Crystal River, Florida 34428-6708

Mr. Craig Fugate, Director
Division of Emergency Preparedness
Department of Community Affairs
2740 Centerview Drive
Tallahassee, Florida 32399-2100

David T. Conley
Associate General Counsel II - Legal Dept.
Progress Energy Service Company, LLC
Post Office Box 1551
Raleigh, North Carolina 27602-1551