

January 31, 1986

Docket No. 50-302

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Mr. Walter S. Wilgus  
Vice President, Nuclear Operations  
Florida Power Corporation  
ATTN: Manager, Nuclear Licensing  
& Fuel Management  
Post Office Box 14042; M.A.C. H-2  
St. Petersburg, Florida 33733

Dear Mr. Wilgus:

The Commission has issued the enclosed Amendment No. 86 to Facility Operating License No. DPR-72 for the Crystal River Unit No. 3 Nuclear Generating Plant (CR-3). This amendment consists of changes to the Technical Specifications (TSs) in response to your application dated May 28, 1985.

This amendment allows for the revision of TS 3.1.2.9 to require cold shutdown instead of hot shutdown if borated water sources cannot be restored to operable status within the specified time.

A copy of our Safety Evaluation is also enclosed. Notice of Issuance will be included in the Commission's next biweekly Federal Register notice.

Sincerely,

**"ORIGINAL SIGNED BY:"**

Brenda Mozafari, Project Manager  
PWR Project Directorate #6  
Division of PWR Licensing-B

Enclosures:

- 1. Amendment No. 86 to DPR-72
- 2. Safety Evaluation

cc w/enclosures:  
See next page

PBD-6  
RIngram  
1/13/86

PBD-6 *BKM*  
B Mozafari; cr  
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JStolz  
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*[Signature]*  
EPB King  
RSB  
1/16/86  
RSB *[Signature]*  
L. Marsh  
1/17/86

Mr. W. S. Wilgus  
Florida Power Corporation

Crystal River Unit No. 3 Nuclear  
Generating Plant

cc:

Mr. R. W. Neiser  
Senior Vice President  
and General Counsel  
Florida Power Corporation  
P. O. Box 14042  
St. Petersburg, Florida 33733

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Board of County Commissioners  
Citrus County  
Inverness, Florida 36250

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Attorney General  
Department of Legal Affairs  
The Capitol  
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

FLORIDA POWER CORPORATION  
CITY OF ALACHUA  
CITY OF BUSHNELL  
CITY OF GAINESVILLE  
CITY OF KISSIMMEE  
CITY OF LEESBURG  
CITY OF NEW SMYRNA BEACH AND UTILITIES COMMISSION, CITY OF NEW SMYRNA BEACH  
CITY OF OCALA  
ORLANDO UTILITIES COMMISSION AND CITY OF ORLANDO  
SEBRING UTILITIES COMMISSION  
SEMINOLE ELECTRIC COOPERATIVE, INC.  
CITY OF TALLAHASSEE

DOCKET NO. 50-302

CRYSTAL RIVER UNIT 3 NUCLEAR GENERATING PLANT

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 86  
License No. DPR-72

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Florida Power Corporation, et al. (the licensees) dated May 28, 1985, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

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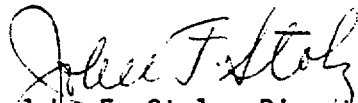
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-72 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 86, are hereby incorporated in the license. Florida Power Corporation shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



John F. Stolz, Director  
PWR Project Directorate #6  
Division of PWR Licensing-B

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: January 31, 1986

ATTACHMENT TO LICENSE AMENDMENT NO. 86

FACILITY OPERATING LICENSE NO. DPR-72

DOCKET NO. 50-302

Replace the following page of the Appendix "A" Technical Specifications with the attached page. The revised page is identified by Amendment number and contains vertical lines indicating the area of change. The corresponding overleaf page is also provided to maintain document completeness.

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REACTIVITY CONTROL SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

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3. Verifying the concentrated boric acid storage system solution temperature when it is the source of borated water.
  - b. At least once per 24 hours by verifying the BWST temperature when it is the source of borated water and the outside air temperature is  $< 40^{\circ}\text{F}$ .



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
SUPPORTING AMENDMENT NO. 86 TO FACILITY OPERATING LICENSE NO. DPR-72  
FLORIDA POWER CORPORATION, ET AL.  
CRYSTAL RIVER UNIT NO. 3 NUCLEAR GENERATING PLANT  
DOCKET NO. 50-302

INTRODUCTION

By letter dated May 28, 1985, Florida Power Corporation (FPC, the licensee) made application to amend the Technical Specifications (TSs) for Crystal River Unit No. 3 Nuclear Generating Plant (CR-3) to revise the action statements of Specification 3.1.2.9 to require cold shutdown instead of hot shutdown if borated water sources cannot be restored to operable status within the specified time.

DISCUSSION AND EVALUATION

Specification 3.1.2.9 requires that inoperable borated water sources be restored to operable status within a specified time or that a shutdown be initiated if operability cannot be restored. However, the current specification requires the plant be taken to "hot shutdown" rather than a non-applicable mode which is "cold shutdown." A change to require the plant to be taken to cold shutdown is consistent with the Standard Technical Specifications and is a change in a conservative direction. Therefore, we conclude that the proposed Technical Specification change is acceptable.

ENVIRONMENTAL CONSIDERATION

This amendment involves a change in the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. We have determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that this amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendment.

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CONCLUSION

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Dated: January 31, 1986

Principal Contributor: B. R. Mozafari