

December 26, 1990

Docket No. 50-302

DISTRIBUTION
See attached sheet

Mr. Percy M. Beard, Jr.
Senior Vice President,
Nuclear Operations
Florida Power Corporation
ATTN: Manager, Nuclear Operations
Licensing
P. O. Box 219-NA-2I
Crystal River, Florida 32629

Dear Mr. Beard:

SUBJECT: CRYSTAL RIVER UNIT 3 - ISSUANCE OF AMENDMENT RE: HYDRAULIC SNUBBER INSPECTION SCHEDULE (TAC NO. 77855)

The Commission has issued the enclosed Amendment No. 132 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 September 28, 1990.

This amendment changes the TS to provide a one-time extension of approximately 9 months to the decreased interval for hydraulic snubber visual inspection otherwise required by the TS. The words of the footnote have been revised for clarity as discussed with members of your staff.

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

Sincerely,

Original signed by

Harley Silver, Project Manager
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

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PDR ADOCK 05000302
P PDR

Enclosures:

1. Amendment No. 132 to DPR-72
2. Safety Evaluation

cc w/enclosures:

See next page

*SEE PREVIOUS CONCURRENCE

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Document Name: AMEND CRYSTAL 77855

Mr. Percy M. Beard, Jr.
Florida Power Corporation

Crystal River Unit No. 3 Nuclear
Generating Plant

cc:

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DATED: December 26, 1990

AMENDMENT NO. 132 TO FACILITY OPERATING LICENSE NO. DPR-72-CRYSTAL RIVER UNIT 3

Docket File

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ACRS (10)

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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. 132
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 September 28, 1990, 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.

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. 132, 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



Herbert N. Berkow, Director
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: December 26, 1990

ATTACHMENT TO LICENSE AMENDMENT NO. 132

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 areas of change.

Remove

3/4 7-35

Insert

3/4 7-35

TABLE 4.7-4
HYDRAULIC SNUBBER INSPECTION SCHEDULE

NUMBER OF SNUBBERS FOUND INOPERABLE DURING INSPECTION OR DURING INSPECTION INTERVAL (*)	NEXT REQUIRED INSPECTION INTERVAL **
0	18 months \pm 25%
1	12 months \pm 25%
2	6 months \pm 25% #
3 or 4	124 days \pm 25%
5, 6, or 7	62 days \pm 25%
Greater than or equal to 8	31 days \pm 25%

* Snubbers may be categorized into two groups, "accessible" and "inaccessible". This categorization shall be based upon the snubber's accessibility for inspection during reactor operation. These two groups may be inspected independently according to the above schedule.

** The required inspection interval shall not be lengthened more than one step at a time.

The six-month inspection interval scheduled to end by January 30, 1991 may be extended until the end of the Cycle 8 mid-cycle outage currently scheduled for the fall of 1991.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
SUPPORTING AMENDMENT NO. 132 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 September 28, 1990, Florida Power Corporation (FPC or the licensee) requested an amendment to the Technical Specifications (TS) appended to Facility Operating License No. DRP-72 for the Crystal River Unit No. 3 Nuclear Generating Plant (CR-3). The proposed amendment would change the TS by adding a footnote to Table 4.7-4, Hydraulic Snubber Inspection Schedule, which would extend the next required inspection interval of 6 months (ending January 30, 1991) until the end of the mid-cycle outage currently planned for the fall of 1991, a total interval of approximately 15 months.

A visual inspection of all snubbers was performed during the refueling outage completed in June 1990, in accordance with TS 4.7.9.1.a. Two snubbers were found to be inoperable. Therefore, TS Table 4.7-4 required a decreased inspection interval of 6 months until the next inspection, which would necessitate an otherwise unnecessary plant shutdown by January 30, 1991.

The licensee notes that inspections performed in the three previous inspection intervals have shown no visual inspection failures. In addition, there is no apparent relationship between the two recent snubber failures, which have since been repaired.

EVALUATION

Based on past and recent inspection results, the staff concludes that there is no apparent trend in snubber failures and that there is no apparent common-mode failure mechanism in the two recent failures.

The current requirements do not take the snubber population at a plant into consideration in determining the next inspection interval. A revision has been proposed to the American Society of Mechanical Engineers (ASME) Standard on Snubber Testing, OM-D, to relate inspection interval to snubber population and number of failures. Analytical evaluations by the staff confirm the validity of this approach. Staff evaluation based on this approach indicates that for the number of failures (2) and total snubber population of CR-3, the same confidence level can be maintained regarding the operability of snubbers within specified limits for an increased inspection interval of at least that requested by the licensee.

Therefore, based on the past inspection results of the hydraulic snubbers at CR-3 and our evaluation, we find the proposed one-time TS change for CR-3 acceptable.

ENVIRONMENTAL CONSIDERATION

This amendment involves a change to a requirement with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20 and changes surveillance requirements. 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.

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: December 26, 1990

Principal Contributor:

H. Silver