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August 2, 1983

Docket Nos. 50-348  
and 50-364

Mr. F. L. Clayton  
Senior Vice President  
Alabama Power Company  
Post Office Box 2641  
Birmingham, Alabama 35291

Dear Mr. Clayton:

The Commission has issued the enclosed Amendment No. 32 to Facility Operating License No. NPF-2 and Amendment No. 24 to NPF-8 for the Joseph M. Farley Nuclear Plant, Unit Nos. 1 and 2, respectively. The amendments consist of changes to the Technical Specifications in response to your application transmitted by letter dated June 20, 1983, supplemented by letter dated June 29, 1983.

The amendments would correct an administrative error in the Technical Specifications relating to testing and inspection of the river water system which would require unnecessary shutdown of both units for the tests. The changes would delete the words "during shutdown" from Technical Specification 4.7.5.b so that these tests and inspections could be conducted during operation.

A copy of the Safety Evaluation is enclosed. The Notice of Issuance will be included in the Commission's next regular monthly Federal Register Notice.

Sincerely,

15/

Edward A. Reeves, Project Manager  
Operating Reactors Branch No. 1  
Division of Licensing

Enclosures:

- 1. Amendment No. 32 to NPF-2
- 2. Amendment No. 24 to NPF-8
- 3. Safety Evaluation

cc w/enclosures:  
See next page

*Note: Called AKC (Kingsley) and advised of issuance 11:30 am 8/21/83 Ed Reeves*

*Called Kopyn (Butcher) & advised of above. Left detailed message 11:45 am 8/21/83 EdR*

*Dispatch after 8/1/83*

*Check immediately before issuance to see whether any comments or petition (if any) (EdR)*

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DATE							

Mr. F. L. Clayton  
Alabama Power Company

cc: Mr. W. O. Whitt  
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

ALABAMA POWER COMPANY

DOCKET NO. 50-348

JOSEPH M. FARLEY NUCLEAR PLANT, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 32  
License No. NPF-2

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Alabama Power Company (the licensee) dated June 20, 1983, supplemented by letter dated June 29, 1983, 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.

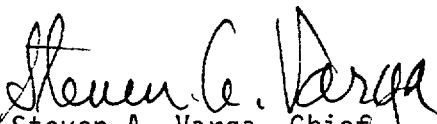
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. NPF-2 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 32, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

2. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

  
Steven A. Varga, Chief  
Operating Reactors Branch No. 1  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: August 2, 1983

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 32 TO FACILITY OPERATING LICENSE NO. NPF-2

DOCKET NO. 50-348

Revise Appendix A as follows:

Remove Page

3/4 7-13

Insert Page

3/4 7-13

## PLANT SYSTEMS

### 3/4.7.5 RIVER WATER SYSTEM

#### LIMITING CONDITION FOR OPERATION

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3.7.5 At least two independent river water loops shall be OPERABLE with at least two river water pumps per loop.

APPLICABILITY: MODES 1, 2, 3 and 4.

ACTION:

With only one river water loop OPERABLE, restore at least two loops to OPERABLE status within 7 days or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

#### SURVEILLANCE REQUIREMENTS

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4.7.5 Each river water loop shall be demonstrated OPERABLE:

- a. At least once per 31 days by verifying that each valve (manual, power operated or automatic), in the flow path, servicing safety related equipment that is not locked, sealed, or otherwise secured in position, is in its correct position.
- b. At least once per 18 months by:
  1. Verifying that each automatic valve servicing safety related equipment actuates to its correct position on a low pond level signal.
  2. Verifying that the buried piping is leak tight by a visual inspection of the ground area.



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

ALABAMA POWER COMPANY

DOCKET NO. 50-364

JOSEPH M. FARLEY NUCLEAR PLANT, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 24  
License No. NPF-8

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Alabama Power Company (the licensee) dated June 20, 1983, supplemented by letter dated June 29, 1983, 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.

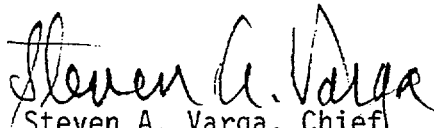
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. NPF-8 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 24, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

2. • This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Steven A. Varga, Chief  
Operating Reactors Branch No. 1  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: August 2, 1983



ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 24 TO FACILITY OPERATING LICENSE NO. NPF-8

DOCKET NO. 50-364

Revise Appendix A as follows:

Remove Page

3/4 7-13

Insert Page

3/4 7-13

## PLANT SYSTEMS

### 3/4.7.5 RIVER WATER SYSTEM

#### LIMITING CONDITION FOR OPERATION

---

---

3.7.5 At least two independent river water loops shall be OPERABLE with at least two river water pumps per loop.

APPLICABILITY: MODES 1, 2, 3 and 4.

#### ACTION:

With only one river water loop OPERABLE, restore at least two loops to OPERABLE status within 72 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

#### SURVEILLANCE REQUIREMENTS

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4.7.5 Each river water loop shall be demonstrated OPERABLE:

- a. At least once per 31 days by verifying that each valve (manual, power operated or automatic), in the flow path, servicing safety related equipment that is not locked, sealed, or otherwise secured in position, is in its correct position.
- b. At least once per 18 months by:
  1. Verifying that each automatic valve servicing safety related equipment actuates to its correct position on a low pond level signal.
  2. Verifying that the buried piping is leak tight by a visual inspection of the ground area.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 32 TO FACILITY OPERATING LICENSE NO. NPF-2  
AND AMENDMENT NO. 24 TO FACILITY OPERATING LICENSE NO. NPF-8

ALABAMA POWER COMPANY

JOSEPH M. FARLEY NUCLEAR PLANT, UNIT NOS. 1 AND 2

DOCKET NOS. 50-348 AND 50-364

INTRODUCTION

By letter dated June 20, 1983, supplemented by letter dated June 29, 1983, Alabama Power Company (APCo) proposed to delete "during shutdown" in Technical Specification 4.7.5.b to preclude unnecessary shutdown of both Farley units for testing and inspection of the river water system. APCo had previously proposed changes to delete entirely the river water system portion of the Technical Specifications. However, our review of the earlier proposed amendment is still under review and would not be completed prior to APCo's requested date. On this basis, and since APCo had not previously documented that a dual plant shutdown was required to perform the surveillance shown in the original Farley Technical Specifications, this administrative oversight would now need to be corrected on a more expedited basis. Our evaluation follows.

DISCUSSION AND EVALUATION

Our review of APCo's proposals indicate that the change is purely administrative to correct an error made when the Technical Specifications were issued. The change would delete the words "during shutdown" from Specification 4.7.5.b. The error, if not corrected, would require shutdown of both units on August 3, 1983, to accomplish checks which can be performed at the required 18-month interval without shutting down the plants. Two checks required to be done by Technical Specifications to demonstrate operability of each river water loop are:

- (1) One check would operate a diversion valve when a low pond level signal occurs to divert river water normally going to the pond and then to the service water wet pit. River water either flowing normally to the pond or during diversion to the wet pit will maintain the existing service water cooling system margin of safety. APCo states that this check can be done while both units are operating without affecting the validity of the test or affecting the plant operation.
- (2) The second check is a visual inspection of the ground area above the buried river water piping to inspect for leakage. This check also does not depend upon the status of plant operation and would not affect plant operation.

### SAFETY SUMMARY

Based on the considerations noted above, and since all of the required tests of Technical Specification 4.7.5.b will be accomplished at the stated intervals, deletion of the words "during shutdown" would have no effect on plant safety. Thus, the administrative correction is acceptable.

### FINAL NO SIGNIFICANT HAZARDS CONSIDERATION DETERMINATION

On July 13, 1983, the Commission published a notice in the Federal Register (48 FR 32110) seeking public comments on its proposed determination that these amendments involve no significant hazards consideration. No public comments were received to date. The licensee by letter dated June 29, 1983, stated, and we agree, that the change proposed is administrative in that the two surveillances may be performed at power. The requirement to conduct them during shutdown is in error. Other circumstances precluded the Commission from completing the review of the licensee's earlier proposal to delete the river water system Technical Specifications entirely. Therefore, as discussed in licensee letters of June 20 and 29, 1983, and discussed above, circumstances justify this expedited action by the Commission. Without issuance of these amendments prior to August 3, 1983, both Farley units would be shutdown for testing of the river water system. The State of Alabama was consulted on this matter and had no comments on the proposed determination. As discussed above, the correction of the administrative error which occurred when the licensee proposed and the Commission approved and issued the original Technical Specifications would not constitute a reduction in safety margins. The change does not involve a significant increase in the probability or consequences of an accident previously evaluated; or create the possibility of a new or different kind of accident from any accident previously evaluated; or involve a significant reduction in a margin of safety. Therefore, the Commission has made a final determination that the amendments do not involve a significant hazards consideration.

### ENVIRONMENTAL CONSIDERATION

We have determined that the amendments do not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendments involve an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of these amendments.

### 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 these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Date: August 2, 1983

Principal Contributor:  
E. A. Reeves