

December 26, 1984

Docket Nos. 50-348  
and 50-364

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Docket File

Mr. R. P. McDonald  
Senior Vice President  
Alabama Power Company  
Post Office Box 2641  
Birmingham, Alabama 35291

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EReeves 2  
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EJordan  
JPartlow  
LHarmon  
WJones  
DBrinkman  
CMiles  
RDiggs  
PMcKee  
**MSHOPPMAN**

Dear Mr. McDonald:

The Commission has issued the enclosed Amendment No. 56 to Facility Operating License No. NPF-2 and Amendment No. 47 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 November 2, 1984.

The amendments modify the Technical Specifications Section 6, Administrative Controls, to delete the 8-hour day but to maintain the nominal 40-hour work week.

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

Sincerely,

/s/EReeves

Edward A. Reeves, Project Manager  
Operating Reactors Branch #1  
Division of Licensing

Enclosures:

1. Amendment No. 56 to NPF-2
2. Amendment No. 47 to NPF-8
3. Safety Evaluation

cc: w/enclosures

See next page

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*will be long  
not issued until  
expiration  
30 day comment  
period.*

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

December 26, 1984

Docket Nos. 50-348  
and 50-364

Mr. R. P. McDonald  
Senior Vice President  
Alabama Power Company  
Post Office Box 2641  
Birmingham, Alabama 35291

Dear Mr. McDonald:

The Commission has issued the enclosed Amendment No. 56 to Facility Operating License No. NPF-2 and Amendment No. 47 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 November 2, 1984.

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

Sincerely,

A handwritten signature in cursive script that reads "Edward A. Reeves".

Edward A. Reeves, Project Manager  
Operating Reactors Branch #1  
Division of Licensing

Enclosures:

1. Amendment No. 56 to NPF-2
2. Amendment No. 47 to NPF-8
3. Safety Evaluation

cc: w/enclosures  
See next page

Mr. R. P. McDonald  
Alabama Power Company

Joseph M. Farley Nuclear Plant  
Units 1 and 2

cc: Mr. W. O. Whitt  
Executive Vice President  
Alabama Power Company  
Post Office Box 2641  
Birmingham, Alabama 35291

D. Biard MacGuineas, Esquire  
Volpe, Boskey and Lyons  
918 16th Street, N.W.  
Washington, DC 20006

Mr. Louis B. Long, General Manager  
Southern Company Services, Inc.  
Post Office Box 2625  
Birmingham, Alabama 35202

Charles R. Lowman  
Alabama Electric Corporation  
Post Office Box 550  
Andalusia, Alabama 36420

Houston County Commission  
Dothan, Alabama 36301

James P. O'Reilly  
Regional Administrator - Region II  
U.S. Nuclear Regulatory Commission  
101 Marietta Street, Suite 2900  
Atlanta, GA 30303

George F. Trowbridge, Esquire  
Shaw, Pittman, Potts and Trowbridge  
1800 M Street, N.W.  
Washington, DC 20036

Ira L. Myers, M.D.  
State Health Officer  
State Department of Public Health  
State Office Building  
Montgomery, Alabama 36130

Chairman  
Houston County Commission  
Dothan, Alabama 36301

Robert A. Buettner, Esquire  
Balch, Bingham, Baker, Hawthorne,  
Williams and Ward  
Post Office Box 306  
Birmingham, Alabama 35201

Resident Inspector  
U.S. Nuclear Regulatory Commission  
Post Office Box 24 - Route 2  
Columbia, Alabama 36319

State Department of Public Health  
ATTN: State Health Officer  
State Office Building  
Montgomery, Alabama 36104

Regional Radiation Representative  
EPA Region IV  
345 Courtland Street, N.E.  
Atlanta, GA 30308



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. 56  
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 November 2, 1984, 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, as amended, the provisions of the Act, and the 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 license 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:

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(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 56, are hereby incorporated in the license. The licensee 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

  
Steven A. Varga, Chief  
Operating Reactors Branch #1  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: December 26, 1984

ATTACHMENT TO LICENSE AMENDMENT NO. 56

AMENDMENT NO. 56 FACILITY OPERATING LICENSE NO. NPF-2

DOCKET NO. 50-348

Revised Appendix A as follows:

Remove Page

6-1a

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6-1a

- f. Administrative procedures shall be developed and implemented to limit the working hours of unit staff who perform safety-related functions; e.g., senior reactor operators, reactor operators, health physics technicians, auxiliary operators, and key maintenance personnel. Adequate shift coverage shall be maintained without routine heavy use of overtime. The objective shall be to have operating personnel work a nominal 40-hour week while the plant is operating.

In the event that unforeseen problems require substantial amounts of overtime to be used, or during extended periods of shutdown for refueling, major maintenance or major plant modifications, on a temporary basis, the following guidelines shall be followed:

1. An individual will not be permitted to work more than 16 hours straight (not including shift turnover time).
2. There will be a break of at least 8 hours (which can include shift turnover time) between work periods.
3. An individual will not work more than 16 hours in any 24-hour period, nor more than 24 hours in any 48-hour period, nor more than 72 hours in any 7-day period (all excluding shift turnover time).
4. Except during extended shutdown periods, the use of overtime should be considered on an individual basis and not for the entire staff on a shift.
5. Any deviation from the above guidelines for the minimum shift complement defined in Technical Specification Table 6.2-1 and health physics technicians shall be reviewed and approved by the Plant Manager, his designee (Emergency Director) or higher authority. Any deviation from the above guidelines for key maintenance personnel shall be reviewed and approved by the maintenance superintendent or his designee (group supervisor).



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. 47  
License No. NPF-8

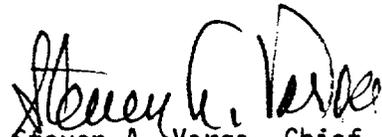
1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Alabama Power Company (the licensee) dated November 2, 1984, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the 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 license 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. 47, are hereby incorporated in the license. The licensee 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

  
Steven A. Varga, Chief  
Operating Reactors Branch #1  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: December 26, 1984

ATTACHMENT TO LICENSE AMENDMENT NO. 47  
AMENDMENT NO. 47 FACILITY OPERATING LICENSE NO. NPF-8  
DOCKET NO. 50-364

Revised Appendix A as follows:

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6-1a

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6-1a

- f. Administrative procedures shall be developed and implemented to limit the working hours of unit staff who perform safety-related functions; e.g., senior reactor operators, reactor operators, health physics technicians, auxiliary operators, and key maintenance personnel. Adequate shift coverage shall be maintained without routine heavy use of overtime. The objective shall be to have operating personnel work a nominal 40-hour week while the plant is operating.

In the event that unforeseen problems require substantial amounts of overtime to be used, or during extended periods of shutdown for refueling, major maintenance or major plant modifications, on a temporary basis, the following guidelines shall be followed:

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5. Any deviation from the above guidelines for the minimum shift complement defined in Technical Specification Table 6.2-1 and health physics technicians shall be reviewed and approved by the Plant Manager, his designee (Emergency Director) or higher authority. Any deviation from the above guidelines for key maintenance personnel shall be reviewed and approved by the maintenance superintendent or his designee (group supervisor).



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 56 TO FACILITY OPERATING LICENSE NO. NPF-2  
AND AMENDMENT NO. 47 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

Alabama Power Company (the licensee) currently staffs three 8-hour shifts per day at the Joseph M. Farley Nuclear Plant. By letter dated November 2, 1984, the licensee proposed Technical Specification changes to allow a new operating shift schedule that would have the operating shift crews staff two 12-hour shifts per day. In this context an operating shift crew is comprised of senior reactor operators, reactor operators, auxiliary operators, and a shift technical advisor. Our evaluation of the licensee's proposal follows.

Discussion and Evaluation

Implementation of the new operating shift schedule requires revision of the Technical Specification, Administrative Controls Section 6, governing working hour limits for unit staff who perform safety-related functions. The current specification states that "operating personnel work a normal 8-hour day, 40-hour week while the plant is operating," whereas the proposed specification states that "operating personnel work a nominal 40-hour week while the plant is operating." The words "normal 8-hour day, 40-hour week" are replaced with the words "nominal 40-hour week" in order to permit the use of 12-hour shifts and to allow some variation in the length of the work week from shift crew to shift crew and from week to week.

The staff has evaluated the licensee's proposal and determined the following:

1. The use of two shifts per day instead of three shifts per day reduces the number of shift changes, which reduces the potential for shift turnover errors.
2. The maximum scheduled number of consecutive working days is reduced from seven to five.

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3. The number of consecutive days off work is increased at certain points in the schedule.
4. The total number of days off work is increased.
5. The new schedule is expected to enhance operator morale and has been ratified by union contract which the licensee proposes to implement in January 1985.
6. The length of the work week remains at a nominal 40 hours.
7. The 12-hour shift has been approved by the Commission and is being used at other operating reactors. Plant experience to date has been positive at the other facilities.

Based on the determination listed above, we find the licensee's proposal acceptable and the administrative Technical Specification change is also acceptable.

#### Environmental Consideration

These amendments involve only changes in administrative procedure and requirements. Accordingly, these amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR Section 51.22(c)(10). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need 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.

Dated: December 26, 1984

Principal Contributor:

M. Shoppman