

July 18, 1988

Docket Nos. 50-348  
and 50-364

DISTRIBUTION  
See attached sheet

Mr. W. G. Hairston, III  
Senior Vice President  
Alabama Power Company  
Post Office Box 2641  
Birmingham, Alabama 35291-0400

Dear Mr. Hairston:

SUBJECT: ISSUANCE OF AMENDMENT NO. 78 TO FACILITY OPERATING LICENSE  
NO. NPF-2 AND AMENDMENT NO. 70 TO FACILITY OPERATING LICENSE NO.  
NPF-8 - JOSEPH M. FARLEY NUCLEAR PLANT, UNITS 1 AND 2, REGARDING  
A CORPORATE MANAGEMENT POSITION CHANGE (TAC NOS. 68236 and 68237)

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 78 to Facility Operating License No. NPF-2 and Amendment No. 70 to NPF-8 for the Joseph M. Farley Nuclear Plant, Units 1 and 2. The amendments consist of changes to the Technical Specifications in response to your submittals dated May 10, 1988, superceded by your submittal dated May 26, 1988.

The amendments change the Technical Specifications in Section 6, Administrative Controls, to reflect a revised corporate management position. The Senior Vice President position will be replaced by the Vice President-Nuclear.

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

Sincerely,

151

Edward A. Reeves, Sr. Project Manager  
Project Directorate 1I-1  
Division of Reactor Projects I/II

Enclosures:

1. Amendment No. 78 to NPF-2
2. Amendment No. 70 to NPF-8
3. Safety Evaluation

cc w/enclosures:

See next page

OFC	:LA:PD21:DRPR:PM:PD21:DRPR:D:PD21:DRPR	:	:	:	:
NAME	: PAnderson : EReeves : ch: EAdamsam	:	:	:	:
DATE	: 7/11/88 : 7/11/88 : 7/11/88	:	:	:	:

OFFICIAL RECORD COPY  
8807220373 880718  
PDR ADDCK 05000348  
P PNU

DFDL  
111

Mr. W. G. Hairston, III  
Alabama Power Company

Joseph M. Farley Nuclear Plant

cc:

Mr. R. P. McDonald  
Executive Vice President  
Alabama Power Company  
Post Office Box 2641  
Birmingham, Alabama 35291-0400

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

Mr. Bill M. Guthrie  
Executive Vice President  
Alabama Power Company  
Post Office Box 2641  
Birmingham, Alabama 35291-0400

D. Biard MacGuineas, Esquire  
Volpe, Boskey and Lyons  
918 16th Street, N.W.  
Washington, D.C. 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 35420

Chairman  
Houston County Commission  
Dothan, Alabama 36301

Regional Administrator, Region II  
U.S. Nuclear Regulatory Commission  
101 Marietta Street, Suite 3100  
Atlanta, Georgia 30323

Ernest L. Blake, Jr., Esquire  
Shaw, Pittman, Potts and Trowbridge  
2300 N Street, N.W.  
Washington, DC 20037

Claude Earl Fox, M.D.  
State Health Officer  
State Department of Public Health  
State Office Building  
Montgomery, Alabama 36130

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

Mr. D. N. Morey  
General Manager - Farley Nuclear Plant  
Post Office Box 470  
Ashford, Alabama 36312

AMENDMENT NO. 78 TO FACILITY OPERATING LICENSE NO. NPR-2 - FARLEY, UNIT 1  
AMENDMENT NO. 70 TO FACILITY OPERATING LICENSE NO. NPF-8 - FARLEY, UNIT 2

Docket File

NRC PDR

Local PDR

PDII-1 Reading

S. Varga (14E4)

G. Lainas

E. Adensam

P. Anderson

E. Reeves(2)

OGC

D. Hagan (MNBB 3302)

E. Jordan (MNBB 3302)

B. Grimes (9A2)

T. Barnhart (4) (P1-137)

W. Jones (P-130A)

E. Butcher (11F23)

R. Allenspach

ACRS (10)

GPA/PA

ARM/LFMB

cc: Licensee/Applicant Service List

2701  
11



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

ALABAMA POWER COMPANY

DOCKET NO. 50-348

JOSEPH M. FARLEY NUCLEAR PLANT, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 78  
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 May 10, 1988, as superceded May 26, 1988, 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:

8807220377 880718  
PDR ADOCK 05000348  
P PNU

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 78, 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 and shall be implemented within 30 days of receipt of the amendment.

FOR THE NUCLEAR REGULATORY COMMISSION

151

Elinor G. Adensam, Director  
Project Directorate II-1  
Division of Reactor Projects I/II

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: July 18, 1988

OFC	:LA:PD21:DRPR:PM:PB21:DRPR:	OGC	:D:PD21:DRPR:	:	:	:
NAME	: PAnderson	: EReeves:ch	: EAdensam	:	:	:
DATE	: 7/11/88	: 7/11/88	: 7/11/88	: 7/18/88	:	:

OFFICIAL RECORD COPY

ATTACHMENT TO LICENSE AMENDMENT NO. 78

TO FACILITY OPERATING LICENSE NO. NPF-2

DOCKET NO. 50-348

Replace the following pages of the Appendix A Technical Specifications with the enclosed pages. The revised areas are indicated by marginal lines.

Remove Pages

6-1

6-6

6-9

6-11

6-12

6-13

6-14

Insert Pages

6-1

6-6

6-9

6-11

6-12

6-13

6-14

## ADMINISTRATIVE CONTROLS

=====

### 6.1 RESPONSIBILITY

6.1.1 The General Manager - Nuclear Plant shall be responsible for overall unit operation and shall delegate in writing the succession to this responsibility during his absence.

6.1.2 The Shift Supervisor or during his absence from the Control Room a designated individual shall be responsible for the Control Room command function. A management directive to this effect, signed by the vice president responsible for Nuclear Generation, hereafter referred to as Vice President-Nuclear, shall be reissued on an annual basis.

### 6.2 ORGANIZATION

#### 6.2.1 OFFSITE AND ONSITE ORGANIZATIONS

Onsite and offsite organizations shall be established for unit operation and corporate management, respectively. The onsite and offsite organizations shall include the positions for activities affecting the safety of the nuclear power plant.

- a. Lines of authority, responsibility, and communication shall be established and defined for the highest management levels through intermediate levels to and including all operating organization positions. These relationships shall be documented and updated, as appropriate, in the form of organization charts, functional descriptions of departmental responsibilities and relationships, and job descriptions for key personnel positions, or in equivalent forms of documentation. These requirements shall be documented in the FSAR.
- b. The General Manager-Nuclear Plant shall be responsible for overall unit safe operation and shall have control over those onsite activities necessary for safe operation and maintenance of the plant.
- c. The Vice President-Nuclear shall have corporate responsibility for overall plant nuclear safety and shall take any measures needed to ensure acceptable performance of the staff in operating, maintaining, and providing technical support to the plant to ensure nuclear safety.
- d. The individuals who train the operating staff and those who carry out health physics and quality assurance functions may report to the appropriate onsite manager; however, they shall have sufficient organizational freedom to ensure their independence from operating pressures.

## ADMINISTRATIVE CONTROLS

=====

### 6.2.3 SAFETY AUDIT AND ENGINEERING REVIEW GROUP (SAERG)

#### FUNCTION

6.2.3.1 The SAERG shall function to conduct operational evaluations, engineering reviews, and audits for the purpose of improving safety.

#### COMPOSITION

6.2.3.2 The SAERG shall be composed of multi-disciplined dedicated onsite group with a minimum assigned complement of five engineers or appropriate specialists.

#### RESPONSIBILITIES

6.2.3.3 The SAERG shall be responsible for the following:

- a. Participating in operational evaluations for improvement of safety wherein such evaluations and recommendations therefrom are not limited to the fulfillment of existing programs, policies, procedures, or capabilities of existing equipment and installations.
- b. Systematic engineering reviews of plant performance and activities with results reported independently of onsite operational management to offsite upper management.
- c. Comprehensive plant audits in accordance with audit requirements set forth in quality assurance programs, licensing documents, and other policies and procedures.

#### AUTHORITY

6.2.3.4 The onsite SAERG shall carry out its function reporting offsite directly to the Manager-Safety Audit and Engineering Review who in turn reports directly to the Vice President-Nuclear.

### 6.2.4 SHIFT TECHNICAL ADVISOR

6.2.4.1 The Shift Technical Advisor shall serve in an advisory capacity to the Shift Supervisor primarily in the assessment of accident and transient occurrences.

### 6.3 FACILITY STAFF QUALIFICATIONS

6.3.1 Each member of the facility staff shall meet or exceed the minimum qualifications of ANSI N18.1-1971 for comparable positions and the supplemental requirements specified in Sections A and C of Enclosure 1 of the March 28, 1980 NRC letter to all licensees, except for (1) the Health Physics Supervisor who shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975.



## ADMINISTRATIVE CONTROLS

=====

### AUTHORITY

6.5.1.7 The PORC shall:

- a. Recommend to the General Manager - Nuclear Plant in writing, approval or disapproval of items considered under 6.5.1.6(a) through (e) and (j) and (k) above.
- b. Render determinations in writing with regard to whether or not each item considered under 6.5.1.6(a), (c) and (d) above constitutes an unreviewed safety question.
- c. Make recommendations to the General Manager - Nuclear Plant in writing that actions reviewed under 6.5.1.6(b) above did not constitute an unreviewed safety question.

### RECORDS

6.5.1.8 The PORC shall maintain written minutes of each meeting and copies shall be provided to the Chairman of the Nuclear Operations Review Board.

### 6.5.2 NUCLEAR OPERATIONS REVIEW BOARD (NORB)

#### FUNCTION

6.5.2.1 The NORB shall function to provide independent review and audit of designated activities in the areas of:

- a. Nuclear power plant operations
- b. Nuclear engineering
- c. Chemistry and radiochemistry
- d. Metallurgy
- e. Instrumentation and control
- f. Radiological safety
- g. Mechanical and electrical engineering
- h. Quality assurance practices

#### COMPOSITION

6.5.2.2 The NORB shall be composed of at least four persons including:

Chairman:	Vice President-Nuclear
Vice Chairman:	General Manager - Nuclear Support
Secretary:	Manager-Safety Audit and Engineering Review
Member:	General Manager - Nuclear Plant

and other appointed personnel having an academic degree in an engineering or physical science field and a minimum of five years technical experience, of which a minimum of three years shall be in one or more of the areas given in 6.5.2.1.

## ADMINISTRATIVE CONTROLS

=====

- g. Reports and meetings minutes of the PORC.
- h. Proposed changes to Technical Specifications or this Operating License.
- i. The safety evaluations for proposed 1) procedures 2) changes to procedures, equipment or systems and 3) test or experiments completed under the provision of Section 50.59 10 CFR, to verify that such actions did not constitute an unreviewed safety question.

## AUDITS

6.5.2.8 The following audits shall be conducted under the direction of APCO's Manager - Safety Audit and Engineering Review:

- a. The conformance of facility operation to provisions contained within the Technical Specifications and applicable license conditions at least once per 12 months.
- b. The performance, training and qualifications of the entire facility staff at least once per 12 months.
- c. The results of actions taken to correct deficiencies occurring in facility equipment, structures, systems or method of operation that affect nuclear safety at least once per 6 months.
- d. The performance of activities required by the Operational Quality Assurance Program to meet the criteria of Appendix "B", 10 CFR 50, at least once per 24 months.
- e. The Facility Emergency Program at least once per 12 months.
- f. The Facility Security Plan at least once per 12 months.
- g. Any other area of facility operation considered appropriate by the NORB or the Vice President-Nuclear.
- h. The Facility Fire Protection Program and implementing procedures at least once per 24 months.
- i. An independent fire protection and loss prevention program inspection and audit of the unit at least once per 12 months utilizing either qualified offsite licensee personnel or an outside fire protection firm.
- j. An inspection and audit of the unit fire protection and loss prevention program by a qualified outside fire consultant at least once per 36 months.
- k. The radiological effluent and environmental monitoring programs and the results thereof at least once per 12 months.

## ADMINISTRATIVE CONTROLS

=====

1. The OFFSITE DOSE CALCULATION MANUAL and implementing procedures at least once per 24 months.
- m. The PROCESS CONTROL PROGRAM and implementing procedures for solidification of radioactive wastes at least once per 24 months.
- n. At each scheduled NORB meeting, the Manager-Safety Audit and Engineering Review shall make a summary report of the above audits.

## AUTHORITY

6.5.2.9 The NORB shall report to and advise the Vice President-Nuclear on those areas of responsibility specified in Sections 6.5.2.7 and 6.5.2.8.

## RECORDS

6.5.2.10 Records of NORB activities shall be prepared, approved and distributed as indicated below:

- a. Minutes of each NORB meeting shall be prepared, approved and forwarded to the Vice President-Nuclear within 14 days following each meeting.
- b. Reports of reviews encompassed by Section 6.5.2.7 above, shall be prepared, approved and forwarded to the Vice President-Nuclear within 14 days following completion of the review.
- c. Audit reports encompassed by Section 6.5.2.8 above, shall be forwarded to the Vice President-Nuclear and to the management positions responsible for the areas audited within 30 days after completion of the audit.

## 6.5.3 TECHNICAL REVIEW AND CONTROL

### ACTIVITIES

6.5.3.1 Activities which affect nuclear safety shall be conducted as follows:

- a. Procedures required by Technical Specification 6.8 and other procedures which affect plant nuclear safety, and changes (other than editorial or typographical changes) thereto, shall be prepared, reviewed and approved. Each such procedure or procedure change shall be reviewed by an individual/group other than the individual/group which prepared the procedure or procedure change, but who may be from the same organization as the individual/group which prepared the procedure or procedure change. Procedures other than Administrative Procedures will be approved by either the Technical Manager, the Operations Manager, the Maintenance Manager, the Performance and Planning

## ADMINISTRATIVE CONTROLS

=====

Manager, Plant Modifications Manager, the Administrative Manager, or an Assistant General Manager as applicable. The General Manager - Nuclear Plant will approve administrative procedures, security implementing procedures, emergency plan implementing procedures and contingency implementing procedures. Temporary changes to procedures which clearly do not change the intent of the approved procedures will be approved by two members of the plant staff, at least one of whom holds a Senior Reactor Operator's License. For changes to procedures which may involve a change in intent of the approved procedures, the person authorized above to approve the procedure shall approve the change.

- b. Proposed changes or modifications to plant nuclear safety-related structures, systems and components shall be reviewed as designated by the General Manager - Nuclear Plant. Each such modification shall be reviewed by an individual/group other than the individual/group which designed the modification, but who may be from the same organization as the individual/group which designed the modification. Proposed modifications to plant nuclear safety-related structures, systems and components shall be approved prior to implementation by the General Manager - Nuclear Plant.
- c. Proposed tests and experiments which affect plant nuclear safety and are not addressed in the Final Safety Analysis Report shall be prepared, reviewed, and approved. Each such test or experiment shall be reviewed by an individual/group other than the individual/group which prepared the proposed test or experiment. Proposed tests and experiments shall be approved before implementation by the General Manager - Nuclear Plant.
- d. Occurrences reportable pursuant to the Technical Specification 6.0 and violations of Technical Specifications shall be investigated and a report prepared which evaluates the occurrence and which provides recommendations to prevent recurrence. Such reports shall be approved by the General Manager - Nuclear Plant and forwarded to the Chairman of the Nuclear Operations Review Board.
- e. Individuals responsible for reviews performed in accordance with 6.5.3.1.a, 6.5.3.1.b, 6.5.3.1.c, and 6.5.3.1.d shall be members of the plant supervisory staff previously designated by the General Manager - Nuclear Plant. Each such review shall include a determination of whether or not additional, cross-disciplinary, review is necessary. If deemed necessary, such review shall be performed by the review personnel of the appropriate discipline.
- f. Each review will include a determination of whether or not an unreviewed safety question is involved. Pursuant to 10CFR50.59 NRC approval of items involving unreviewed safety question will be obtained prior to General Manager - Nuclear Plant approval for implementation.

## ADMINISTRATIVE CONTROLS

### RECORDS

6.5.3.2 Records of the above activities shall be provided to the General Manager - Nuclear Plant, PORC and/or NORB as necessary for required reviews.

### 6.6 REPORTABLE EVENT ACTION

6.6.1 The following actions shall be taken for REPORTABLE EVENTS:

- a. The Commission shall be notified and a report submitted pursuant to the requirements of Section 50.73 to 10CFR Part 50, and
- b. Each REPORTABLE EVENT shall be reviewed by the PORC, and the results of this review shall be submitted to the NORB and the Vice President-Nuclear.

### 6.7 SAFETY LIMIT VIOLATION

6.7.1 The following actions shall be taken in the event a Safety Limit is violated:

- a. The facility shall be placed in at least HOT STANDBY within one hour.
- b. The NRC Operations Center shall be notified by telephone as soon as possible and all cases within one hour. The Vice President-Nuclear shall be notified within 24 hours.
- c. A Safety Limit Violation Report shall be prepared. The report shall be reviewed by the PORC. This report shall describe (1) applicable circumstances preceding the violation, (2) effects of the violation upon facility components, systems or structures, and (3) corrective action taken to prevent recurrence.
- d. The Safety Limit Violation Report shall be submitted to the Commission, and the Vice President-Nuclear for NORB review within 14 days of the violation.

### 6.8 PROCEDURES AND PROGRAMS

6.8.1 Written procedures shall be established, implemented and maintained covering the activities referenced below:

- a. The applicable procedures recommended in Appendix "A" of Regulatory Guide 1.33, Revision 2, 1978.
- b. Refueling operations.
- c. Surveillance and test activities of safety related equipment.
- d. Security Plan implementation.
- e. Emergency Plan implementation.



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

ALABAMA POWER COMPANY

DOCKET NO. 50-364

JOSEPH M. FARLEY NUCLEAR PLANT, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 70  
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 May 10, 1988, as superceded May 26, 1988, 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 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. 70, are hereby incorporated in the license. Alabama Power Company shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of its date of issuance and shall be implemented within 30 days of receipt of the amendment.

FOR THE NUCLEAR REGULATORY COMMISSION

151

Elinor G. Adensam, Director  
Project Directorate II-1  
Division of Reactor Projects I/II

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: July 18, 1988

OFC	:LA:PD21:DRPR:PM:PD21:DRPR:	OGC	:D:PD21:DRPR:	:	:	:
NAME	: PAnderson	: EReeves:ch	: EAdensam	:	:	:
DATE	: 7/11/8	: 7/11/88	: 7/11/8	: 7/11/88	:	:

OFFICIAL RECORD COPY

ATTACHMENT TO LICENSE AMENDMENT NO. 70

TO FACILITY OPERATING LICENSE NO. NPF-8

DOCKET NO. 50-364

Replace the following pages of the Appendix A Technical Specifications with the enclosed pages. The revised areas are indicated by marginal lines.

Remove Pages

6-1

6-6

6-9

6-11

6-12

6-13

6-14

Insert Pages

6-1

6-6

6-9

6-11

6-12

6-13

6-14



## ADMINISTRATIVE CONTROLS

=====

### 6.1 RESPONSIBILITY

6.1.1 The General Manager - Nuclear Plant shall be responsible for overall unit operation and shall delegate in writing the succession to this responsibility during his absence.

6.1.2 The Shift Supervisor or during his absence from the Control Room a designated individual shall be responsible for the Control Room command function. A management directive to this effect, signed by the vice president responsible for Nuclear Generation, hereafter referred to as Vice President-Nuclear, shall be reissued on an annual basis.

### 6.2 ORGANIZATION

#### 6.2.1 OFFSITE AND ONSITE ORGANIZATIONS

Onsite and offsite organizations shall be established for unit operation and corporate management, respectively. The onsite and offsite organizations shall include the positions for activities affecting the safety of the nuclear power plant.

- a. Lines of authority, responsibility, and communication shall be established and defined for the highest management levels through intermediate levels to and including all operating organization positions. These relationships shall be documented and updated, as appropriate, in the form of organization charts, functional descriptions of departmental responsibilities and relationships, and job descriptions for key personnel positions, or in equivalent forms of documentation. These requirements shall be documented in the FSAR.
- b. The General Manager-Nuclear Plant shall be responsible for overall unit safe operation and shall have control over those onsite activities necessary for safe operation and maintenance of the plant.
- c. The Vice President-Nuclear shall have corporate responsibility for overall plant nuclear safety and shall take any measures needed to ensure acceptable performance of the staff in operating, maintaining, and providing technical support to the plant to ensure nuclear safety.
- d. The individuals who train the operating staff and those who carry out health physics and quality assurance functions may report to the appropriate onsite manager; however, they shall have sufficient organizational freedom to ensure their independence from operating pressures.

## ADMINISTRATIVE CONTROLS

=====

### 6.2.3 SAFETY AUDIT AND ENGINEERING REVIEW GROUP (SAERG)

#### FUNCTION

6.2.3.1 The SAERG shall function to conduct operational evaluations, engineering reviews, and audits for the purpose of improving safety.

#### COMPOSITION

6.2.3.2 The SAERG shall be composed of multi-disciplined dedicated onsite group with a minimum assigned complement of five engineers or appropriate specialists.

#### RESPONSIBILITIES

6.2.3.3 The SAERG shall be responsible for the following:

- a. Participating in operational evaluations for improvement of safety wherein such evaluations and recommendations therefrom are not limited to the fulfillment of existing programs, policies, procedures, or capabilities of existing equipment and installations.
- b. Systematic engineering reviews of plant performance and activities with results reported independently of onsite operational management to offsite upper management.
- c. Comprehensive plant audits in accordance with audit requirements set forth in quality assurance programs, licensing documents, and other policies and procedures.

#### AUTHORITY

6.2.3.4 The onsite SAERG shall carry out its function reporting offsite directly to the Manager-Safety Audit and Engineering Review who in turn reports directly to the Vice President-Nuclear.

### 6.2.4 SHIFT TECHNICAL ADVISOR

6.2.4.1 The Shift Technical Advisor shall serve in an advisory capacity to the Shift Supervisor primarily in the assessment of accident and transient occurrences.

### 6.3 FACILITY STAFF QUALIFICATIONS

6.3.1 Each member of the facility staff shall meet or exceed the minimum qualifications of ANSI N18.1-1971 for comparable positions and the supplemental requirements specified in Sections A and C of Enclosure 1 of the March 28, 1980 NRC letter to all licensees, except for (1) the Health Physics Supervisor who shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975.

## ADMINISTRATIVE CONTROLS

### AUTHORITY

6.5.1.7 The PORC shall:

- a. Recommend to the General Manager - Nuclear Plant in writing, approval or disapproval of items considered under 6.5.1.6(a) through (e) and (j) and (k) above.
- b. Render determinations in writing with regard to whether or not each item considered under 6.5.1.6(a), (c) and (d) above constitutes an unreviewed safety question.
- c. Make recommendations to the General Manager - Nuclear Plant in writing that actions reviewed under 6.5.1.6(b) above did not constitute an unreviewed safety question.

### RECORDS

6.5.1.8 The PORC shall maintain written minutes of each meeting and copies shall be provided to the Chairman of the Nuclear Operations Review Board.

### 6.5.2 NUCLEAR OPERATIONS REVIEW BOARD (NORB)

#### FUNCTION

6.5.2.1 The NORB shall function to provide independent review and audit of designated activities in the areas of:

- a. Nuclear power plant operations
- b. Nuclear engineering
- c. Chemistry and radiochemistry
- d. Metallurgy
- e. Instrumentation and control
- f. Radiological safety
- g. Mechanical and electrical engineering
- h. Quality assurance practices

#### COMPOSITION

6.5.2.2 The NORB shall be composed of at least four persons including:

Chairman:	Vice President-Nuclear
Vice Chairman:	General Manager - Nuclear Support
Secretary:	Manager-Safety Audit and Engineering Review
Member:	General Manager - Nuclear Plant

and other appointed personnel having an academic degree in an engineering or physical science field and a minimum of five years technical experience, of which a minimum of three years shall be in one or more of the areas given in 6.5.2.1.

## ADMINISTRATIVE CONTROLS

=====

- g. Reports and meetings minutes of the PORC.
- h. Proposed changes to Technical Specifications or this Operating License.
- i. The safety evaluations for proposed 1) procedures 2) changes to procedures, equipment or systems and 3) test or experiments completed under the provision of Section 50.59 10 CFR, to verify that such actions did not constitute an unreviewed safety question.

## AUDITS

6.5.2.8 The following audits shall be conducted under the direction of APCO's Manager - Safety Audit and Engineering Review:

- a. The conformance of facility operation to provisions contained within the Technical Specifications and applicable license conditions at least once per 12 months.
- b. The performance, training and qualifications of the entire facility staff at least once per 12 months.
- c. The results of actions taken to correct deficiencies occurring in facility equipment, structures, systems or method of operation that affect nuclear safety at least once per 6 months.
- d. The performance of activities required by the Operational Quality Assurance Program to meet the criteria of Appendix "B", 10 CFR 50, at least once per 24 months.
- e. The Facility Emergency Program at least once per 12 months.
- f. The Facility Security Plan at least once per 12 months.
- g. Any other area of facility operation considered appropriate by the NORB or the Vice President-Nuclear.
- h. The Facility Fire Protection Program and implementing procedures at least once per 24 months.
- i. An independent fire protection and loss prevention program inspection and audit of the unit at least once per 12 months utilizing either qualified offsite licensee personnel or an outside fire protection firm.
- j. An inspection and audit of the unit fire protection and loss prevention program by a qualified outside fire consultant at least once per 36 months.
- k. The radiological effluent and environmental monitoring programs and the results thereof at least once per 12 months.

## ADMINISTRATIVE CONTROLS

=====

- l. The OFFSITE DOSE CALCULATION MANUAL and implementing procedures at least once per 24 months.
- m. The PROCESS CONTROL PROGRAM and implementing procedures for solidification of radioactive wastes at least once per 24 months.
- n. At each scheduled NORB meeting, the Manager-Safety Audit and Engineering Review shall make a summary report of the above audits.

## AUTHORITY

6.5.2.9 The NORB shall report to and advise the Vice President-Nuclear on those areas of responsibility specified in Sections 6.5.2.7 and 6.5.2.8.

## RECORDS

6.5.2.10 Records of NORB activities shall be prepared, approved and distributed as indicated below:

- a. Minutes of each NORB meeting shall be prepared, approved and forwarded to the Vice President-Nuclear within 14 days following each meeting.
- b. Reports of reviews encompassed by Section 6.5.2.7 above, shall be prepared, approved and forwarded to the Vice President-Nuclear within 14 days following completion of the review.
- c. Audit reports encompassed by Section 6.5.2.8 above, shall be forwarded to the Vice President-Nuclear and to the management positions responsible for the areas audited within 30 days after completion of the audit.

## 6.5.3 TECHNICAL REVIEW AND CONTROL

### ACTIVITIES

6.5.3.1 Activities which affect nuclear safety shall be conducted as follows:

- a. Procedures required by Technical Specification 6.8 and other procedures which affect plant nuclear safety, and changes (other than editorial or typographical changes) thereto, shall be prepared, reviewed and approved. Each such procedure or procedure change shall be reviewed by an individual/group other than the individual/group which prepared the procedure or procedure change, but who may be from the same organization as the individual/group which prepared the procedure or procedure change. Procedures other than Administrative Procedures will be approved by either the Technical Manager, the Operations Manager, the Maintenance Manager, the Performance and Planning

## ADMINISTRATIVE CONTROLS

=====

Manager, Plant Modifications Manager, the Administrative Manager, or an Assistant General Manager as applicable. The General Manager - Nuclear Plant will approve administrative procedures, security implementing procedures, emergency plan implementing procedures and contingency implementing procedures. Temporary changes to procedures which clearly do not change the intent of the approved procedures will be approved by two members of the plant staff, at least one of whom holds a Senior Reactor Operator's License. For changes to procedures which may involve a change in intent of the approved procedures, the person authorized above to approve the procedure shall approve the change.

- b. Proposed changes or modifications to plant nuclear safety-related structures, systems and components shall be reviewed as designated by the General Manager - Nuclear Plant. Each such modification shall be reviewed by an individual/group other than the individual/group which designed the modification, but who may be from the same organization as the individual/group which designed the modification. Proposed modifications to plant nuclear safety-related structures, systems and components shall be approved prior to implementation by the General Manager - Nuclear Plant.
- c. Proposed tests and experiments which affect plant nuclear safety and are not addressed in the Final Safety Analysis Report shall be prepared, reviewed, and approved. Each such test or experiment shall be reviewed by an individual/group other than the individual/group which prepared the proposed test or experiment. Proposed tests and experiments shall be approved before implementation by the General Manager - Nuclear Plant.
- d. Occurrences reportable pursuant to the Technical Specification 6.0 and violations of Technical Specifications shall be investigated and a report prepared which evaluates the occurrence and which provides recommendations to prevent recurrence. Such reports shall be approved by the General Manager - Nuclear Plant and forwarded to the Chairman of the Nuclear Operations Review Board.
- e. Individuals responsible for reviews performed in accordance with 6.5.3.1.a, 6.5.3.1.b, 6.5.3.1.c, and 6.5.3.1.d shall be members of the plant supervisory staff previously designated by the General Manager - Nuclear Plant. Each such review shall include a determination of whether or not additional, cross-disciplinary, review is necessary. If deemed necessary, such review shall be performed by the review personnel of the appropriate discipline.
- f. Each review will include a determination of whether or not an unreviewed safety question is involved. Pursuant to 10CFR50.59 NRC approval of items involving unreviewed safety question will be obtained prior to General Manager - Nuclear Plant approval for implementation.

## ADMINISTRATIVE CONTROLS

=====

### RECORDS

6.5.3.2 Records of the above activities shall be provided to the General Manager - Nuclear Plant, PORC and/or NORB as necessary for required reviews.

### 6.6 REPORTABLE EVENT ACTION

6.6.1 The following actions shall be taken for REPORTABLE EVENTS:

- a. The Commission shall be notified and a report submitted pursuant to the requirements of Section 50.73 to 10CFR Part 50, and
- b. Each REPORTABLE EVENT shall be reviewed by the PORC, and the results of this review shall be submitted to the NORB and the Vice President-Nuclear.

### 6.7 SAFETY LIMIT VIOLATION

6.7.1 The following actions shall be taken in the event a Safety Limit is violated:

- a. The facility shall be placed in at least HOT STANDBY within one hour.
- b. The NRC Operations Center shall be notified by telephone as soon as possible and all cases within one hour. The Vice President-Nuclear shall be notified within 24 hours.
- c. A Safety Limit Violation Report shall be prepared. The report shall be reviewed by the PORC. This report shall describe (1) applicable circumstances preceding the violation, (2) effects of the violation upon facility components, systems or structures, and (3) corrective action taken to prevent recurrence.
- d. The Safety Limit Violation Report shall be submitted to the Commission, and the Vice President-Nuclear for NORB review within 14 days of the violation.

### 6.8 PROCEDURES AND PROGRAMS

6.8.1 Written procedures shall be established, implemented and maintained covering the activities referenced below:

- a. The applicable procedures recommended in Appendix "A" of Regulatory Guide 1.33, Revision 2, 1978.
- b. Refueling operations.
- c. Surveillance and test activities of safety related equipment.
- d. Security Plan implementation.
- e. Emergency Plan implementation.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
SUPPORTING AMENDMENT NO. 78 TO FACILITY OPERATING LICENSE NO. NPF-2  
AND AMENDMENT NO. 70 TO FACILITY OPERATING LICENSE NO. NPF-8  
ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT, UNITS 1 AND 2  
DOCKET NOS. 50-348 AND 50-364

1.0 INTRODUCTION

By letter dated May 10, 1988, as superceded by letter dated May 26, 1988, Alabama Power Company (APCo) submitted a request for changes to the Joseph M. Farley Nuclear Plant, Units 1 and 2 Technical Specifications.

The Amendments revise management titles shown in Technical Specifications, Section 6, Administrative Controls. The title of Senior Vice President is replaced with Vice President-Nuclear.

2.0 EVALUATION AND SAFETY SUMMARY

The following is a brief description and evaluation of the changes proposed by the licensee in a letter dated May 26, 1988, after discussions with the NRC staff:

Technical Specification Sections 6.1.2, 6.2.1.c, 6.2.3.4, 6.5.2.2, 6.5.2.8, 6.5.2.9, 6.5.2.10, 6.6.1, and 6.7.1 would change the reference of Senior Vice President to the new title of Vice President-Nuclear. The requested changes are acceptable since the position of Vice President-Nuclear is a sufficiently high corporate level position to implement the responsibilities designated within each of these sections.

Technical Specification Sections 6.5.1.8 and 6.5.3.1.d would be changed to delete the requirement that certain items be forwarded to the Senior Vice President (now Vice President-Nuclear) in addition to the Chairman of the Nuclear Operations Review Board. These changes are acceptable since the Vice President-Nuclear is now the Chairman of the Nuclear Operations Review Board and has assumed the duties previously designated to the Senior Vice President. Also, we consider the Vice President-Nuclear to be a sufficiently high corporate level position, as discussed above.



### 3.0 ENVIRONMENTAL CONSIDERATION

These amendments change recordkeeping, reporting, or administrative procedures or requirements. Accordingly, these amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 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.

### 4.0 CONCLUSION

The Commission made a proposed determination that this amendment involves no significant hazards consideration which was published in the Federal Register (53 FR 22398) on June 15, 1988, and consulted with the State of Alabama. No public comments or requests for hearing were received, and the State of Alabama did not have any comments.

The Staff has 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.

Principal Contributors: F. Allenspach  
E. Reeves

Dated: July 18, 1988