March 21, 1994

Docket Nos. 50-348 and 50-364

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Mr. D. N. Morey, Vice President Southern Nuclear Operating Co., Inc. Post Office Box 1295 Birmingham, Alabama 35201-1295

Dear Mr. Morey:

SUBJECT: ISSUANCE OF AMENDMENT NO.<sup>105</sup> TO FACILITY OPERATING LICENSE NO. NPF-2 AND AMENDMENT NO.<sup>98</sup> TO FACILITY OPERATING LICENSE NO. NPF-8 REGARDING RELOCATING TABLES FROM TECHNICAL SPECIFICATIONS TO THE UPDATED FINAL SAFETY ANALYSIS REPORT - JOSEPH M. FARLEY NUCLEAR PLANT, UNITS 1 AND 2 (TAC NOS. M88359 AND M88360)

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 105 to Facility Operating License No. NPF-2 and Amendment No. 98 to Facility Operating License No. NPF-8 for the Joseph M. Farley Nuclear Plant, Units 1 and 2. The amendments change the Technical Specifications (TS) in response to your submittal dated November 24, 1993, as supplemented February 15, 1994.

The amendments change the TS to modify the requirements of TS 3.3.1 and 3.3.2 and relocate Tables 3.3-2 and 3.3-5, which provide the response time limits for the reactor trip system and the engineered safety features actuation system instruments, from the TS to the Updated Final Safety Analysis Report.

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

Sincerely,

Original Signed by: Byron L. Siegel, Senior Project Manager Project Directorate II-1 Division of Reactor Projects - I/II Office of Nuclear Reactor Regulation

Enclosures:

- 1. Amendment No. 105 to NPF-2
- 2. Amendment No. 98 to NPF-8
- 3. Safety Evaluation

cc w/enclosures: See next page

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

March 21, 1994

Docket Nos. 50-348 and 50-364

> Mr. D. N. Morey, Vice President Southern Nuclear Operating Co., Inc. Post Office Box 1295 Birmingham, Alabama 35201-1295

Déar Mr. Morey:

ISSUANCE OF AMENDMENT NO. 105 TO FACILITY OPERATING LICENSE NO. NPF-2 SUBJECT: AND AMENDMENT NO. 98 TO FACILITY OPERATING LICENSE NO. NPF-8 REGARDING RELOCATING TABLES FROM TECHNICAL SPECIFICATIONS TO THE UPDATED FINAL SAFETY ANALYSIS REPORT - JOSEPH M. FARLEY NUCLEAR PLANT, UNITS 1 AND 2 (TAC NOS. M88359 AND M88360)

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 105 to Facility Operating License No. NPF-2 and Amendment No. 98 to Facility Operating License No. NPF-8 for the Joseph M. Farley Nuclear Plant, Units 1 and 2. The amendments change the Technical Specifications (TS) in response to your submittal dated November 24, 1993, as supplemented February 15, 1994.

The amendments change the TS to modify the requirements of TS 3.3.1 and 3.3.2 and relocate Tables 3.3-2 and 3.3-5, which provide the response time limits for the reactor trip system and the engineered safety features actuation system instruments, from the TS to the Updated Final Safety Analysis Report.

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Sincerely.

Byron L. Siegel, Senior Project Manager Project Directorate II-1 Division of Reactor Projects - I/II Office of Nuclear Reactor Regulation

Enclosures:

- 1. Amendment No. 105 to NPF-2
- Amendment No. 98 to NPF-8 2.
- 3. Safety Evaluation

cc w/enclosures: See next page

Mr. D. N. Morey Southern Nuclear Operating Company, Inc.

cc:

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Mr. R. D. Hill, Jr. General Manager - Farley Nuclear Plant Southern Nuclear Operating Co., Inc. Post Office Box 470 Ashford, Alabama 36312

Mr. B. L. Moore, Licensing Manager Southern Nuclear Operating Co., Inc. Post Office Box 1295 Birmingham, Alabama 35201-1295

James H. Miller, III, Esquire Balch and Bingham Law Firm Post Office Box 306 1710 Sixth Avenue North Birmingham, Alabama 35201

Mr. J. D. Woodard Executive Vice President Southern Nuclear Operating Company P.O. Box 1295 Birmingham, Alabama 35201 Joseph M. Farley Nuclear Plant

State Health Officer Alabama Department of Public Health 434 Monroe Street Montgomery, Alabama 36130-1701

Chairman Houston County Commission Post Office Box 6406 Dothan, Alabama 36302

Regional Administrator, Region II U. S. Nuclear Regulatory Commission 101 Marietta St., N.W., Ste. 2900 Atlanta, Georgia 30323

Resident Inspector U.S. Nuclear Regulatory Commission Post Office Box 24 - Route 2 Columbia, Alabama 36319 AMENDMENT NO. 105 TO FACILITY OPERATING LICENSE NO. NPF-2 - FARLEY, UNIT 1 AMENDMENT NO. 98 TO FACILITY OPERATING LICENSE NO. NPF-8 - FARLEY, UNIT 2

# **DISTRIBUTION:**

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Docket File NRC/Local PDRs PD II-1 Reading File S. Varga S. Bajwa P. Anderson B. Siegel OGC D. Hagan G. Hill (4) C. Grimes ACRS (10) OPA OC/LFDCB E. Merschoff, R-II

cc: Farley Service List



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

# SOUTHERN NUCLEAR OPERATING COMPANY, INC.

### DOCKET NO. 50-348

# JOSEPH M. FARLEY NUCLEAR PLANT, UNIT 1

# AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 105 License No. NPF-2

- 1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Southern Nuclear Operating Company, Inc. (Southern Nuclear), dated November 24, 1993, as supplemented February 15, 1994, 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 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:

(2) <u>Technical Specifications</u>

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 105, are hereby incorporated in the license. Southern Nuclear 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 issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

S. Singh Bajwa, Acting Director Project Directorate II-1 Division of Reactor Projects - I/II Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical Specifications

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Date of Issuance: March 21, 1994

- 2 -

# ATTACHMENT TO LICENSE AMENDMENT NO. 105

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# 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.

<u>Remove</u>	Pages	<u>Insert</u>	Pages
3/4	3-1	3/4	3-1
3/4	3-10	3/4	3-10
3/4	3-11	3/4	3-11
3/4	3-15	3/4	3-15
3/4	3-29	3/4	3-29
3/4	3-30	3/4	3-30
3/4	3-31	3/4	3-31
3/4	3-32	3/4	3-32
B3/4	3-2	B3/4	3-2

3/4.3 INSTRUMENTATION

3/4.3.1 REACTOR TRIP SYSTEM INSTRUMENTATION

### LIMITING CONDITION FOR OPERATION

3.3.1 As a minimum, the reactor trip system instrumentation channels and interlocks of Table 3.3-1 shall be OPERABLE.

<u>APPLICABILITY:</u> As shown in Table 3.3-1.

ACTION:

: :

As shown in Table 3.3-1

#### SURVEILLANCE REQUIREMENTS

4.3.1.1 Each reactor trip system instrumentation channel shall be demonstrated OPERABLE by the performance of the CHANNEL CHECK, CHANNEL CALIBRATION and CHANNEL FUNCTIONAL TEST operations for the MODES and at the frequencies shown in Table 4.3-1.

**4.3.1.2** The logic for the interlocks shall be demonstrated OPERABLE prior to each reactor startup unless performed during the preceding 92 days. The total interlock function shall be demonstrated OPERABLE at least once per 18 months.

4.3.1.3 The REACTOR TRIP SYSTEM RESPONSE TIME of each reactor trip function shall be demonstrated to be within its limit at least once per 18 months." Each test shall include at least one logic train such that both logic trains are tested at least once per 36 months and one channel per function such that all channels are tested at least once every N times 18 months where N is the total number of redundant channels in a specific reactor trip function as shown in the "Total No. of Channels" column of Table 3.3-1.

\* Neutron detectors are exempt from response time testing.

FARLEY-UNIT 1

3/4 3-1

AMENDMENT NO. 26,105





INSTRUMENTATION

3/4.3.2 ENGINEERED SAFETY FEATURE ACTUATION SYSTEM INSTRUMENTATION

# LIMITING CONDITION FOR OPERATION

3.3.2 The Engineered Safety Feature Actuation System (ESFAS) instrumentation channels and interlocks shown in Table 3.3-3 shall be OPERABLE with their trip setpoints set consistent with the values shown in the Trip Setpoint column of Table 3.3-4.

APPLICABILITY: As shown in Table 3.3-3.

#### ACTION:

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- a. With an ESFAS instrumentation channel or interlock trip setpoint less conservative than the value shown in the Allowable Values column of Table 3.3-4, declare the channel inoperable and apply the applicable ACTION requirement of Table 3.3-3 until the channel is restored to OPERABLE status with the trip setpoint adjusted consistent with the Trip Setpoint value.
- b. With an ESFAS instrumentation channel or interlock inoperable, take the ACTION shown in Table 3.3-3.

#### SURVEILLANCE REQUIREMENTS

**4.3.2.1** Each ESFAS instrumentation channel shall be demonstrated OPERABLE by the performance of the CHANNEL CHECK, CHANNEL CALIBRATION and CHANNEL FUNCTIONAL TEST operations for the MODES and at the frequencies shown in Table 4.3-2.

4.3.2.2 The logic for the interlocks shall be demonstrated OPERABLE during the automatic actuation logic test. The total interlock function shall be demonstrated OPERABLE at least once per 18 months.

4.3.2.3 The ENGINEERED SAFETY FEATURES RESPONSE TIME of each ESFAS function shall be demonstrated to be within the limit at least once per 18 months. Each test shall include at least one logic train such that both logic trains are tested at least once per 36 months and one channel per function such that all channels are tested at least once per N times 18 months where N is the total number of redundant channels in a specific ESFAS function as shown in the "Total No. of Channels" column of Table 3.3-3.

FARLEY-UNIT 1

3/4 3-15

AMENDMENT NO. 20,105



FARLEY-UNIT 1

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AMENDMENT NO. 26,89, 92,105

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#### 3/4.3 INSTRUMENTATION

#### BASES

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# REACTOR TRIP SYSTEM AND ENGINEERED SAFETY FEATURE ACTUATION SYSTEM INSTRUMENTATION (Continued)

The measurement of response time at the specified frequencies provides assurance that the reactor trip and ESF actuation associated with each channel is completed within the time limit assumed in the accident analyses. Response time limits for the Reactor Trip System and Engineered Safety Features Actuation System are maintained in Tables 7.2-5 and 7.3-16 of the Farley FSAR respectively. No credit was taken in the analyses for those channels with response times indicated as not applicable.

Response time may be demonstrated by any series of sequential, overlapping or total channel test measurements provided that such tests demonstrate the total channel response time as defined. Sensor response time verification may be demonstrated by either 1) in place, onsite or offsite test measurements or 2) utilizing replacement sensors with certified response times.

# 3/4.3.3 MONITORING INSTRUMENTATION

# 3/4.3.3.1 RADIATION MONITORING INSTRUMENTATION

The OPERABILITY of the radiation monitoring channels ensures that 1) the radiation levels are continually measured in the areas served by the individual channels and 2) the alarm or automatic action is initiated when the radiation level trip setpoint is exceeded.

Alarm/trip setpoints for the containment purge have been established for purge rate of 5,000 scfm in all MODES and for purge rates of 25,000 scfm and 50,000 scfm in MODES 4, 5, and 6. The containment purge setpoints are based on a release in which Xe-133 and Kr-85 are 'the predominant isotopes, on concentration values equal to or less than the effluent concentration limits stated in 10 CFR 20, Appendix B (to paragraphs 20.1001 - 20,2401), Table 2, Column 1 for these isotopes, and on a X/Q of 5.6 x  $10^{-5}$  sec/m at the site boundary.

The alarm/trip setpoint for the fuel storage pool area has been established based on a flow rate of 13,000 scfm; a release in which Xe-133 and Kr-85 are the predominant isotopes, on concentration values equal to or less than the effluent concentration limits stated in 10 CFR 20, Appendix B, (to paragraphs 20.1001 - 20.201), Table 2, Column 1 values for these isotopes, and on a X/Q of 5.6 x  $10^{-6}$  sec/m at the site boundary.

# 3/4.3.3.2 MOVABLE INCORE DETECTORS

The OPERABILITY of the movable incore detectors with the specified minimum complement of equipment ensures that the measurements obtained from use of this system accurately represent the spatial neutron flux distribution of the reactor core. The OPERABILITY of this system is demonstrated by irradiating each detector used and determining the acceptability of its voltage curve.

For the purpose of measuring  $F_Q(Z)$ ,  $F_{\Delta H}^N$ , and  $F_{\chi\gamma}$  a full incore flux map is used. Quarter-core flux maps, as defined in WCAP-8648, June 1976, may be used in recalibration of the excore neutron flux detection system. Full incore flux maps or symmetric incore thimbles may be used for monitoring the QUADRANT POWER TILT RATIO when one Power Range Channel is inoperable.



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

# SOUTHERN NUCLEAR OPERATING COMPANY, INC.

# DOCKET NO. 50-364

# JOSEPH M. FARLEY NUCLEAR PLANT, UNIT 2

# AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 98 License No. NPF-8

- 1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Southern Nuclear Operating Company, Inc. (Southern Nuclear), dated November 24, 1993, as supplemented February 15, 1994, 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 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) <u>Technical Specifications</u>

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 98, are hereby incorporated in the license. Southern Nuclear 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 issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

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S. Singh Bajwa, Acting Director Project Directorate II-1 Division of Reactor Projects - I/II Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical Specifications

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Date of Issuance: March 21, 1994

# ATTACHMENT TO LICENSE AMENDMENT NO. 98

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# 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.

<u>Remove</u>	Pages	Insert	Pages
3/4	3-1	3/4	3-1
3/4	3-10	3/4	3-10
3/4	3-11	3/4	3-11
3/4	3-15	3/4	3-15
3/4	3-29	3/4	3-29
3/4	3-30	3/4	3-30
3/4	3-31	3/4	3-31
3/4	3-32	3/4	3-32
B3/4	3-2	B3/4	3-2

3/4.3 INSTRUMENTATION

# 3/4.3.1 REACTOR TRIP SYSTEM INSTRUMENTATION

### LIMITING CONDITION FOR OPERATION

3.3.1 As a minimum, the reactor trip system instrumentation channels and interlocks of Table 3.3-1 shall be OPERABLE.

<u>APPLICABILITY:</u> As shown in Table 3.3-1.

ACTION:

As shown in Table 3.3-1

#### SURVEILLANCE REQUIREMENTS

4.3.1.1 Each reactor trip system instrumentation channel shall be demonstrated OPERABLE by the performance of the CHANNEL CHECK, CHANNEL CALIBRATION and CHANNEL FUNCTIONAL TEST operations for the MODES and at the frequencies shown in Table 4.3-1.

4.3.1.2 The logic for the interlocks shall be demonstrated OPERABLE prior to each reactor startup unless performed during the preceding 92 days. The total interlock function shall be demonstrated OPERABLE at least once per 18 months.

4.3.1.3 The REACTOR TRIP SYSTEM RESPONSE TIME of each reactor trip function shall be demonstrated to be within its limit at least once per 18 months." Each test shall include at least one logic train such that both logic trains are tested at least once per 36 months and one channel per function such that all channels are tested at least once every N times 18 months where N is the total number of redundant channels in a specific reactor trip function as shown in the "Total No. of Channels" column of Table 3.3-1.

\* Neutron detectors are exempt from response time testing.

FARLEY-UNIT 2

3/4 3-1

AMENDMENT NO. 98

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FARLEY-UNIT 2

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FARLEY-UNIT 2

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INSTRUMENTATION

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3/4.3.2 ENGINEERED SAFETY FEATURE ACTUATION SYSTEM INSTRUMENTATION

LIMITING CONDITION FOR OPERATION

3.3.2 The Engineered Safety Feature Actuation System (ESFAS) instrumentation channels and interlocks shown in Table 3.3-3 shall be OPERABLE with their trip setpoints set consistent with the values shown in the Trip Setpoint column of Table 3.3-4.

<u>APPLICABILITY</u>: As shown in Table 3.3-3

# ACTION:

- a. With an ESFAS instrumentation channel or interlock trip setpoint less conservative than the value shown in the Allowable Values column of Table 3.3-4, declare the channel inoperable and apply the applicable ACTION requirement of Table 3.3-3 until the channel is restored to OPERABLE status with the trip setpoint adjusted consistent with the Trip Setpoint value.
- b. With an ESFAS instrumentation channel or interlock inoperable, take the ACTION shown in Table 3.3-3.

#### SURVEILLANCE REQUIREMENTS

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FARLEY-UNIT 2

3/4 3-15

AMENDMENT NO. 97,98

FARLEY-UNIT 2

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FARLEY-UNIT 2

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FARLEY-UNIT 2

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AMENDMENT NO. 98

FARLEY-UNIT 2

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#### 3/4.3 INSTRUMENTATION

#### BASES

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# REACTOR TRIP SYSTEM AND ENGINEERED SAFETY FEATURE ACTUATION SYSTEM INSTRUMENTATION (Continued)

The measurement of response time at the specified frequencies provides assurance that the reactor trip and ESF actuation associated with each channel is completed within the time limit assumed in the accident analyses. Response time limits for the Reactor Trip System and Engineered Safety Features Actuation System are maintained in Tables 7.2-5 and 7.3-16 of the Farley FSAR respectively. No credit was taken in the analyses for those channels with response times indicated as not applicable.

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# 3/4.3.3 MONITORING INSTRUMENTATION

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The OPERABILITY of the radiation monitoring channels ensures that 1) the radiation levels are continually measured in the areas served by the individual channels and 2) the alarm or automatic action is initiated when the radiation level trip setpoint is exceeded.

Alarm/trip setpoints for the containment purge have been established for purge rate of 5,000 scfm in all MODES and for purge rates of 25,000 scfm and 50,000 scfm in MODES 4, 5, and 6. The containment purge setpoints are based on a release in which Xe-133 and Kr-85 are the predominant isotopes, on concentration values equal to or less than the effluent concentration limits stated in 10 CFR 20, Appendix B (to paragraphs 20.1001 - 20.2401), Table 2, Column 1 for these isotopes, and on a X/Q of 5.6 x 10<sup>-5</sup> sec/m at the site boundary.

The alarm/trip setpoint for the fuel storage pool area has been established based on a flow rate of 13,000 scfm; a release in which Xe-133 and Kr-85 are the predominant isotopes, on concentration values equal to or less than the effluent concentration limits stated in 10 CFR 20, Appendix B, (to paragraphs 20.1001 - 20.201), Table 2, Column 1 values for these isotopes, and on a X/Q of 5.6 x  $10^{-6}$  sec/m at the site boundary.

### 3/4.3.3.2 MOVABLE INCORE DETECTORS

The OPERABILITY of the movable incore detectors with the specified minimum complement of equipment ensures that the measurements obtained from use of this system accurately represent the spatial neutron flux distribution of the reactor core. The OPERABILITY of this system is demonstrated by irradiating each detector used and determining the acceptability of its voltage curve.

For the purpose of measuring  $F_Q(Z)$ ,  $F_{AH}^N$ , and  $F_{xy}$  a full incore flux map is used. Quarter-core flux maps, as defined in WCAP-8648, June 1976, may be used in recalibration of the excore neutron flux detection system. Full incore flux maps or symmetric incore thimbles may be used for monitoring the QUADRANT POWER TILT RATIO when one Power Range Channel is inoperable.



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

# SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION RELATED TO AMENDMENT NO. 105 TO FACILITY OPERATING LICENSE NO. NPF-2 AND AMENDMENT NO. 98 TO FACILITY OPERATING LICENSE NO. NPF-8

# SOUTHERN NUCLEAR OPERATING COMPANY, INC.

# JOSEPH M. FARLEY NUCLEAR PLANT, UNITS 1 AND 2

# DOCKET NOS. 50-348 AND 50-364

# 1.0 INTRODUCTION

By letter dated November 24, 1993, as supplemented February 15, 1994, Southern Nuclear Operating Company, Inc. (the licensee), submitted a request for changes to the Joseph M. Farley Nuclear Plant, Units 1 and 2, Technical Specifications (TS). The February 15, 1994, submittal provided clarifying information that did not change the initial determination of no significant hazards consideration as published in the Federal Register.

The requested amendment would change the TS to modify the requirements of TS 3.3.1 and 3.3.2 and relocate Tables 3.3-2 and 3.3-5, which provide the response time limits for the reactor trip system (RTS) and the engineered safety features actuation system (ESFAS) instruments, from the TS to the Updated Final Safety Analysis Report (UFSAR). The licensee has stated that the next update of the UFSAR will include these tables. The NRC provided guidance to all holders of operating licenses or construction permits for nuclear power reactors on the proposed TS changes in Generic Letter 93-08, "Relocation of Technical Specification Tables of Instrument Response Time" Limits," dated December 29, 1993.

#### 2.0 EVALUATION

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The licensee has proposed changes to TS 3.3.1 and TS 3.3.2 that remove the references to Tables 3.3-2 and 3.3-5 and deletes these tables from the TS. In a letter dated February 15, 1994, the licensee committed to relocate the tables on response time limits to the UFSAR in the next periodic update.

Tables 3.3-2 and 3.3-5 contain the values of the response time limits for the RTS and ESFAS instruments. The limiting conditions for operation for the RTS and ESFAS instrumentation specify these systems shall be operable with the response times as specified in these tables. These limits are the acceptance criteria for the response time tests performed to satisfy the surveillance requirements of TS 4.3.1.3 and 4.3.2.3 for each applicable RTS and ESFAS trip function. These surveillances ensure that the response times of the RTS and ESFAS instruments are consistent with the assumptions of the safety analyses performed for design basis accidents and transients. Because it does not alter the TS requirements to perform response time tests or to ensure that the response times of the RTS and ESFAS instruments are within their limits, the staff has concluded that relocation of these response time limit tables from the TS to UFSAR is a change only in the administrative requirements. In addition the provisions of 10 CFR 50.59 provide an acceptable means to control changes in response time limits. The staff also has concluded that 10 CFR 50.36 does not require inclusion of specific response time limits for the RTS and ESFAS systems in the TS because, within the operability determination for these systems, the surveillance requirements have to be satisfied.

In addition, the licensee is modifying the TS Bases Sections 3/4.3.1 and 3/4.3.2 to reflect these changes and has stated that the plant procedures for response time testing include acceptance criteria that reflect the RTS and ESFAS response time limits in the tables being relocated to the UFSAR.

These TS changes are consistent with the guidance provided in Generic Letter 93-08 and the TS requirement of 10 CFR 50.36. The staff has determined that the proposed changes to the TS for the Joseph M. Farley Nuclear Plant, Units 1 and 2 are acceptable.

#### 3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the State of Alabama official was notified of the proposed issuance of the amendment. The State official had no comments.

#### 4.0 ENVIRONMENTAL CONSIDERATION

The amendment changes a requirement with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The NRC staff has 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 the amendment involves no significant hazards consideration, and there has been no public comment on such finding (59 FR 629). Accordingly, the 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 the amendment.

#### 5.0 <u>CONCLUSION</u>

The Commission 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, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributors: Thomas G. Dunning Byron L. Siegel

Date: March 21, 1994