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JAN 31 1983

Docket No. 50-348

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. 28 to Facility Operating License No. NPF-2 for the Joseph M. Farley Nuclear Plant, Unit No. 1. The amendment consists of changes to the Technical Specifications in response to your application transmitted by letter dated November 5, 1982.

The amendment modifies the effective date for the mechanical snubber functional test from the fourth refueling outage until the fifth refueling outage. We have modified your proposal to include compensatory tests which has been discussed with and agreed to by your staff.

Copies of the Safety Evaluation and the Notice of Issuance are also enclosed.

Sincerely,

ORIGINAL SIGNED

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

Enclosures:
1. Amendment No. 28 to NPF-2
2. Safety Evaluation
3. Notice of Issuance

cc w/enclosures:
See next page

no legal objection to notice or amd.

OFFICE	ORB#1:DL	ORB#1:DL	ORB#1:DL	AD/OR:DL	OELD		
SURNAME	CParrish	EReeves:dm	SVarga	GLainas	DSwanson		
DATE	01/10/83	01/11/83	01/19/83	01/31/83	01/19/83		

Mr. F. L. Clayton
Alabama Power Company

cc: Mr. W. O. Whitt
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Alabama Power Company
Post Office Box 2641
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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 Representatives
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U. S. Nuclear Regulatory Commission
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

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

ALABAMA POWER COMPANY

DOCKET NO. 50-348

JOSPEH M. FARLEY NUCLEAR PLANT, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 28
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 5, 1982, 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. 28 , are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. Within 90 days after the effective date of this amendment, or such later time as the Commission may specify, the licensee shall satisfy any applicable requirement of P.L. 97-425 related to pursuing an agreement with the Secretary of Energy for the disposal of high-level radioactive waste and spent nuclear fuel.

4. This license amendment is effective as of the date of its 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: January 31, 1983

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 28 TO FACILITY OPERATING LICENSE NO. NPF-2

DOCKET NO. 50-348

Revise Appendix A as follows:

Remove Page	Insert Page
3/4 7-23	3/4 7-23

SURVEILLANCE REQUIREMENTS (Continued)

2. Snubber bleed, or release rate, where required, is within the specified range in compression or tension. For snubbers specifically required to not displace under continuous load, the ability of the snubber to withstand load without displacement shall be verified.

e. Mechanical Snubbers Functional Test Acceptance Criteria*

The mechanical snubber functional test shall verify that:

1. The force that initiates free movement of the snubber rod in either tension or compression is less than the specified maximum drag force.

2. Activation (restraining action) is achieved within the specified range in both tension and compression.

3. Snubber release rate, where required, is within the specified range in compression or tension. For snubbers specifically required not to displace under continuous load, the ability of the snubber to withstand load without displacement shall be verified.

*This portion of the specification is effective prior to startup following the fifth refueling outage. However, for the fourth refueling outage a manual stroke test will be substituted for the functional test.

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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 28 TO FACILITY OPERATING LICENSE NO. NPF-2

ALABAMA POWER COMPANY

JOSEPH M. FARLEY NUCLEAR PLANT, UNIT NO. 1

DOCKET NO. 50-348

Introduction

By letter dated November 5, 1982, Alabama Power Company (APCo) proposed to amend Facility Operating License No. NPF-2 Technical Specification 4.7.9.e for the Joseph M. Farley Nuclear Plant, Unit No. 1. The proposal would change the effective date for certain mechanical snubber functional tests from the fourth refueling outage until the fifth refueling outage. APCo stated that test equipment was not commercially available until mid-1982; that there was insufficient time to purchase, receive and install the equipment and to train personnel in time for the fourth refueling outage starting in January 1983. We have modified the proposal to include compensatory snubber stroke tests during the fourth refueling outage. APCo staff personnel have agreed to this modification. Our discussion and evaluation follows.

Discussion and Evaluation

The Joseph M. Farley Nuclear Plant, Unit No. 1 has Technical Specifications which include safety related mechanical snubbers in the inservice surveillance program. This program is in accordance with the NRC Standard Technical Specifications and was issued for Unit No. 1 by License Amendment No. 26 dated March 1, 1982. The mechanical snubber surveillance program includes a functional test which required development of special test equipment. Since the test equipment was in the final developmental stage when the Unit No. 1 Technical Specifications were upgraded in March 1982, APCo agreed to obtain such equipment for use during the fourth refueling outage. Therefore, a footnote was added to Technical Specification 4.7.9.e making the specification effective prior to startup following the fourth refueling outage. The fourth outage is scheduled to start January 14, 1983.

Alabama Power Company has examined available test equipment in the market needed to perform the required test on the mechanical snubbers and is in the process of making a decision. However, it is unlikely that the equipment will be available for the forthcoming refueling outage. Therefore, APCo requested permission to perform the required testing on mechanical snubbers during the next (fifth) refueling outage. After discussions with the NRC staff, APCo proposed compensatory manual stroke tests of the mechanical snubbers during the fourth refueling outage.

Our review indicates that APCo made a reasonable effort to obtain the equipment necessary for performance of the snubber functional testing. Since that equipment will not be available and since personnel training in it's use has not been completed prior to the scheduled outage, we consider that the proposed manual stroke testing is a most meaningful alternative. The proposed manual stroke testing will not provide the same level of confidence for snubber performance during low probability seismic events as would the functional testing. However, manual stroke testing will provide significant additional assurance that the mechanical snubbers at Farley Nuclear Plant, Unit No. 1 will remain free to move as required for normal plant operation and anticipated transients. The manual stroke of a snubber would assure the capability of the mechnical snubber to move through the required range of motion and would confirm that design loading on piping and other fluid systems components would not be exceeded due to snubber malfunction during operation. In addition, the absence of unusual sounds or other abnormalities during the manual stroke testing would offer significant evidence that the snubber is capable of performing for the limited time period of one more fuel cycle.

Safety Summary

Based on our evaluation, noted above, we conclude that the licensee proposal, as modified, is acceptable for one additional fuel cycle. We have revised the Technical Specification footnote accordingly.

Environmental Consideration

We have determined that the amendment does 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 amendment involves 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 this amendment.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of an accident previously evaluated, does not create the possibility of an accident of a type different from any evaluated previously, and does not involve a significant reduction in a margin of safety, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Dated: January 31, 1983

Principal Contributors: H. Shaw
E. A. Reeves

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-348

ALABAMA POWER COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 28 to Facility Operating License No. NPF-2 issued to Alabama Power Company (the licensee), which revised Technical Specifications for operation of the Joseph M. Farley Nuclear Plant, Unit No. 1 (the facility) located in Houston County, Alabama. The amendment is effective as of the date of issuance.

The amendment modified the effective date for the mechanical snubber functional test from the fourth refueling outage until the fifth refueling outage. Compensatory tests will be used during the fourth outage.

The application for amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since this amendment does not involve a significant hazards consideration.

The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) the application for amendment dated November 5, 1982, (2) Amendment No. 28 to License No. NPF-2, and (3) the Commission's related Safety Evaluation. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. and at the George S. Houston Memorial Library, 212 W. Burdeshaw Street, Dothan, Alabama 36303. A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Director, Division of Licensing

Dated at Bethesda, Maryland, this 31st day of January, 1983.

FOR THE NUCLEAR REGULATORY COMMISSION

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