

Docket No. 50-348

October 31, 1983

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. 35 to Facility Operating License No. NPF-2 for the Joseph M. Farley Nuclear Power Plant, Unit No. 1. The amendment consists of changes to the Technical Specifications in response to your application transmitted by letter dated June 17, 1983, supplemented on July 8, 1983.

The amendment modifies Technical Specification Surveillance Requirement 4.7.9a on a one-time basis to extend a required visual inspection of all inaccessible hydraulic snubbers for about three months or until the next shutdown of sufficient duration.

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

Sincerely,

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

Enclosures:

1. Amendment No. 35 to NPF-2
2. Safety Evaluation

cc w/enclosures:  
See next page

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PDR ADOCK 05000348  
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Docket File  
NRC PDR  
Local PDR T Barnhart4  
ORB 1 W Jones  
C Parrish D Brinkman  
E Reeves ACRS (10)  
OELD R Diggs  
H Denton  
D Eisenhower  
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E Jordan  
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Mr. F. L. Clayton  
Alabama Power Company

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

ALABAMA POWER COMPANY

DOCKET NO. 50-348

JOSEPH M. FARLEY NUCLEAR PLANT, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 35  
License No. NPF-2

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Alabama Power Company (the licensee) dated June 17, 1983, supplemented on July 8, 1983, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.


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

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 35, 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 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: October 31, 1983

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 35 TO FACILITY OPERATING LICENSE NO. NPF-2

DOCKET NO. 50-348

Revise\* Appendix A as follows:

\*  
Remove Page

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Insert\* Page

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\*Note: This revised page is applicable on a one-time basis only and should be removed at the end of the fifth refueling outage (about March 1984) at the latest. At that time the page removed by this amendment should be reinserted.

## PLANT SYSTEMS

### 3/4.7.9 SNUBBERS

#### LIMITING CONDITION FOR OPERATION

3.7.9 All snubbers listed in Tables 3.7-4a and 3.7-4b shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3 and 4. (MODES 5 and 6 for snubbers located on systems required OPERABLE in those MODES).

#### ACTION:

With one or more snubbers inoperable, within 72 hours replace or restore the inoperable snubber(s) to OPERABLE status and perform an engineering evaluation per Specification 4.7.9.c on the supported component or declare the supported system inoperable and follow the appropriate ACTION statement for that system.

#### SURVEILLANCE REQUIREMENTS

4.7.9 Each snubber shall be demonstrated OPERABLE by performance of the following augmented inservice inspection program and the requirements of Specification 4.0.5.

##### a. Visual Inspections

The first inservice visual inspection of snubbers shall be performed after four months but within 10 months of POWER OPERATION and shall include all snubbers listed in Tables 3.7-4a and 3.7-4b. If less than two (2) snubbers are found inoperable during the first inservice visual inspection, the second inservice visual inspection shall be performed 12 months  $\pm$  25% from the date of the first inspection. Otherwise, subsequent visual inspections shall be performed in accordance with the following schedule:

<u>No. Inoperable Snubbers per Inspection Period</u>	<u>Subsequent Visual Inspection Period*<sup>#</sup></u>
0	18 months $\pm$ 25%
1	12 months $\pm$ 25%
2	6 months $\pm$ 25%**
3,4	124 days $\pm$ 25%
5,6,7	62 days $\pm$ 25%
8 or more	31 days $\pm$ 25%

The snubbers may be categorized into two groups: Those accessible and those inaccessible during reactor operation. Each group may be inspected independently in accordance with the above schedule.

\* The inspection interval shall not be lengthened more than one step at a time.

<sup>#</sup> The provisions of Specification 4.0.2 are not applicable.

\*\* Period is extended on a one-time basis for about three months or until the next shutdown of sufficient duration, but no later than the fifth refueling outage.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 35 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 June 17, 1983, supplemented on July 8, 1983, Alabama Power Company (APCo) requested a one-time change to Paragraph 4.7.9a of the Technical Specifications for the Joseph M. Farley Nuclear Power Plant Unit 1 (Farley 1). The change will permit Farley 1 to extend its visual inspection period for all inaccessible hydraulic snubbers to the fifth refueling outage unless an outage of sufficient duration occurs sooner. Our evaluation follows.

DISCUSSION AND EVALUATION

While conducting a visual inspection of inaccessible hydraulic snubbers during the fourth refueling outage, APCo discovered two inoperable hydraulic snubbers, MS5-R16B and CVC-R451. As the result of this inspection, Technical Specification 4.7.9a requires that the subsequent inspection period be reduced to six months  $\pm 25\%$ , which implies that the subsequent inspection must be performed by November 1, 1983. The fifth refueling outage is scheduled to start on or about January 24, 1984.

The purpose of visual inspection on hydraulic snubbers is to identify inoperable snubbers and determine the cause of their failure mode. A shortened inspection schedule should be implemented when the inoperability is caused by a generic mechanism, such as design or manufacturing deficiencies, degradation due to service, etc. The shortened schedule is required because similar inoperabilities of the remaining snubbers are likely to happen in the near future which could jeopardize the plant's operating safety. Such deficiencies should be discovered on a timely basis. If the inoperability is caused by isolated reasons, the repeatability of such inoperabilities need not be considered.

The two snubbers at Farley 1 were found to be inoperable due (1) to an error made by the inspection personnel which caused the loss of fluid in one snubber, and (2) to an external mechanical interference which was found on the other snubber. Both snubbers were repaired and retested satisfactorily. These failures can be considered to be isolated events and are not likely to happen again.

SUMMARY

Based on our review of APCo's request and the above discussion, the staff finds that the extension request is reasonable and acceptable on a one-time basis.

The subsequent inspection of all inaccessible snubbers shall be performed during the fifth refueling outage unless an outage of sufficient duration occurs sooner.

#### 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) 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 this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Date: October 31, 1983

Principal Contributor:  
H. Shaw