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Docket Nos. 50-348
and 50-364

JUL 31 1981

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Posted
Amdt. 21
to NPF-2

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. 21 to Facility Operating License No. NPF-2 for the Joseph M. Farley Nuclear Plant, Unit No. 1 and Amendment No. 3 to Facility Operating License No. NPF-8 for the Joseph M. Farley Nuclear Plant, Unit No. 2. The amendments consist of changes to the Technical Specifications in response to your telecopy request, dated July 31, 1981. You requested temporary relief from diesel generator operability and surveillance frequency requirements for six days to allow continued plant operation during repairs to diesel generator 1C.

The amendments approve the temporary, one-time relief request and associated Technical Specification changes. The existing Technical Specifications allows a 72 hour outage time. Thus, the extension granted will allow a one-time outage of up to nine days.

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

Sincerely,

Original signed by:
S. A. Varga

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

Enclosures:
1. Amendment No. 21 to NPF-2
2. Amendment No. 3 to NPF-8
3. Safety Evaluation
4. Notice of Issuance

cc w/enclosures
See next page

Telecon to APCO (George) 5:40 pm 7/31/81 advised them of action taken. E.A. Reeves Project Manager ORB-1, DL

ORB#1:DL
B.J. YOUNGBLOOD
7/31/81

w/legal objection to amdt. notice only

OFFICE	ORB#1:DL CP	ORB#1:DL	ORB#1:DL	AB/OR-DL	OELD DL	EAB:DL	
SURNAME	CParrish	EReeves:ds	SVarga	TNovak	DGWagner	J. OLSHINSKI	
DATE	7/31/81	7/31/81	7/31/81	7/31/81	7/31/81	7/31/81	

NRC FORM 318 (10-80) NRCM 0240 OFFICIAL RECORD COPY USGPO: 1981—335-960

Mr. F. L. Clayton
Alabama Power Company

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

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Southern Company Services, Inc.
Post Office Box 2625
Birmingham, Alabama 35202

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Shaw, Pittman, Potts and Trowbridge
1800 M Street, N.W.
Washington, D. C. 20036

Chairman
Houston County Commission
Dothan, Alabama 36301

Mr. Robert A. Buettner, Esquire
Balch, Bingham, Baker, Hawthorne,
Williams and Ward
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Birmingham, Alabama 35201

George S. Houston Memorial Library
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Dothan, Alabama 36303

Resident Inspector
U. S. Nuclear Regulatory Commission
Post Office Box 1814
Dothan, Alabama 36302

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

Regional Radiation Representatives
EPA Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30308

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

ALABAMA POWER COMPANY

DOCKET NO. 50-348

JOSEPH M. FARLEY NUCLEAR PLANT, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 21
License No. NPF-2

1. The Nuclear Regulatory Commission (the Commission) has found that:

   A. The request for amendment by Alabama Power Company (the licensee) dated July 31, 1981, 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. 21 , 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: July 31, 1981

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 21 TO FACILITY OPERATING LICENSE NO. NPF-2

DOCKET NO. 50-348

Revise Appendix A as follows:

Remove Pages	Insert Pages
3/4 8-1	3/4 8-1
3/4 8-2	3/4 8-2

3/4.8 ELECTRICAL POWER SYSTEMS

3/4.8.1 A.C. SOURCES

OPERATING

LIMITING CONDITION FOR OPERATION

3.8.1.1 As a minimum, the following A.C. electrical power sources shall be OPERABLE:

a. Two physically independent circuits from the offsite transmission network to the switchyard and two physically indipendent circuits from the switchyard to the onsite Class 1E distribution system, and

b. Two separate and independent diesel generator sets (one 4075 Kw and one 2850 Kw) each with:

1. Separate day tanks containing a minimum volume of 900 gallons of fuel for the 4075 kw diesel generators and 700 gallons of fuel for the 2850 kw diesel generators.

2. A separate fuel transfer pump for each diesel.

c. A fuel storage system consisting of four independent storage tanks each containing a minimum of 25,000 gallons of fuel.

APPLICABILITY: MODES 1, 2, 3 and 4.

ACTION:

a. With either an offsite circuit or a diesel generator set of the above required A.C. electrical power sources inoperable, demonstrate the OPERABILITY of the remaining A.C. sources by performing Surveillance Requirements 4.8.1.1.1.a and 4.8.1.1.2.a.4 within one hour and at least once per 8 hours thereafter; restore at least two offsite circuits and both diesel generator sets to OPERABLE status within 72* hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

b. With one offsite circuit and one diesel generator set of the above required A.C. electrical power sources inoperable, demonstrate the OPERABILITY of the remaining A.C. sources by performing Surveillance Requirements 4.8.1.1.1.a and 4.8.1.1.2.a.4 within one hour and at least once per 8 hours thereafter; restore at least one of the inoperable sources to OPERABLE status within 12 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours. Restore at least two offsite circuits and both diesel generator sets to OPERABLE status within 72* hours from the time of initial loss or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

*One time only exception for repair of Diesel 1C - the 72 hour action statement for operability of Diesel 1C may be extended to a period of 9 days provided Diesel 1C is returned to OPERABLE status as soon as maintenance is completed. The provisions of specification 3.0.4 are not applicable for this one time change.

**One time only exception during repair of Diesel 1C - the 8 hour interval test is extended to 72 hours.

ACTION (Continued)

c. With two of the above required offsite A.C. circuits inoperable, demonstrate the OPERABILITY of both diesel generator sets by performing Surveillance Requirement 4.8.1.1.2.a.4 within one hour and at least once per 8 hours thereafter, unless the diesel generators are already operating; restore at least one of the inoperable offsite sources to OPERABLE status within 24 hours or be in at least HOT STANDBY within the next 6 hours. With only one offsite source restored, restore at least two offsite circuits to OPERABLE status within 72 hours from time of initial loss or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

d. With both of the above required diesel generator sets inoperable, demonstrate the OPERABILITY of two offsite A.C. circuits by performing Surveillance Requirement 4.8.1.1.1.a within one hour and at least once per 8 hours** thereafter; restore at least one of the inoperable diesel generator sets to OPERABLE status within 2 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours. Restore both diesel generator sets to OPERABLE status within 72* hours from time of initial loss or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

SURVEILLANCE REQUIREMENTS

4.8.1.1.1 Each of the above independent circuits between the offsite transmission network and the onsite Class 1E distribution system shall be:

a. Determined OPERABLE at least once per 7 days by verifying correct breaker alignments, indicated power availability, and

b. Demonstrated OPERABLE at least once per 18 months during shutdown by transferring unit power supply from the normal circuit to the alternate circuit.

4.8.1.1.2 Each diesel generator set shall be demonstrated OPERABLE:

a. At least once per 31 days, on a STAGGERED TEST BASIS, by:

1. Verifying the fuel level in the day tank,

2. Verifying the fuel level in the fuel storage tanks,

*One time only exception for repair of Diesel 1C - the 72 hour action statement for operability of Diesel 1C may be extended to a period of 9 days provided Diesel 1C is returned to OPERABLE status as soon as maintenance is completed. The provisions of specification 3.0.4 are not applicable for this one time change.

**One time only exception during repair of Diesel 1C - the 8 hour interval test is extended to 72 hours.

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

ALABAMA POWER COMPANY

DOCKET NO. 50-364

JOSEPH M. FARLEY NUCLEAR PLANT, UNIT NO. 2

AMENDMENT TO FACILITY LICENSE

Amendment No. 3
License No. NPF-8

1. The Nuclear Regulatory Commission (the Commission) has found that:

   A. The request for amendment by Alabama Power Company (the licensee), dated July 31, 1981, 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 License No. NPF-8 is hereby amended to read as follows:

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A as revised through Amendment No. 3, and the Environmental Protection Plan, Appendix B, are hereby incorporated into 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 issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: July 31, 1981

ATTACHMENT TO LICENSE AMENDMENT NO. 3

FACILITY LICENSE NO. NPF-8

DOCKET NO. 50-364

Revise Appendix A as follows:

Remove Old Pages	Insert Revised Pages
3/4 8-1	3/4 8-1
3/4 8-2	3/4 8-2
3/4 8-3	3/4 8-3

3/4.8 ELECTRICAL POWER SYSTEMS

3/4.8.1 A.C. SOURCES

OPERATING

LIMITING CONDITION FOR OPERATION

3.8.1.1 As a minimum, the following A.C. electrical power sources shall be OPERABLE:

a. Two physically independent circuits between the offsite transmission network to the switchyard and two physically independent circuits from the switchyard to the onsite Class 1E distribution system, and

b. Two separate and independent diesel generator sets (Set A: DG 1-2A and DG-1C, Set B: DG-2B and DG-2C) each with:

1. Separate day tanks containing a minimum volume of 900 gallons of fuel for the 4075 kw diesel generators and 700 gallons of fuel for the 2850 kw diesel generator.

2. A separate fuel transfer pump for each diesel.

c. A fuel storage system consisting of four, independent storage tanks each containing a minimum of 25,000 gallons of fuel.*

APPLICABILITY: MODES 1, 2, 3 and 4.

ACTION:

a. With an offsite circuit inoperable, demonstrate the OPERABILITY of the remaining A.C. sources by performing Surveillance Requirements 4.8.1.1.1.a and 4.8.1.1.2.a.4 within one hour and at least once per 8 hours thereafter; restore at least two offsite circuits to OPERABLE status within 72 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

b. With one diesel generator set inoperable, demonstrate the operability of the remaining A.C. sources by performing Surveillance Requirements 4.8.1.1.1.a and 4.8.1.1.2.a.4 within one hour and at least once per 8 hours*** thereafter. Restore both diesel generator sets to OPERABLE status within 72** hours or comply with the following:

1) Be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

*One inoperable fuel storage tank is equivalent to one inoperable diesel generator set.

**One time only exception for repair of Diesel 1C - the 72 hour action statement for operability of Diesel 1C may be extended to a period of 9 days provided Diesel 1C is returned to OPERABLE status as soon as maintenance is completed. The provisons of specification 3.0.4 are not applicable for this one time change.

***One time only exception during repair of Diesel 1C - the 8 hour interval test is extended to 72 hours.

ACTION (Continued)

2) One diesel generator set may be made inoperable for up to 14 days to perform scheduled maintenance and testing on diesel generators 1C (or 2C) provided all the following are satisfied:

a) Unit 1 is in MODE 5 or 6 and appropriate technical specifications covering the diesel generator sets are satisfied.

b) The remaining Unit 2 diesel generators 1-2A, 2B, 1C (or 2C) are OPERABLE.

c) The service water system is recirculated to the pond and surveillance requirement 4.7.6.2.1 is verified prior to removing 1C (or 2C) from service and once per 8 hours thereafter.

d) Diesel Generator 1C (or 2C) is returned to OPERABLE status as soon as maintenance is completed.

Otherwise, be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

c. With one offsite circuit and one diesel generator set of the above required A.C. electrical power sources inoperable, demonstrate the OPERABILITY of the remaining A.C. sources by performing Surveillance Requirements 4.8.1.1.1.a and 4.8.1.1.2.a.4 within one hour and at least once per 8 hours** thereafter; restore at least one of the inoperable sources to OPERABLE status within 12 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours. Restore at least two offsite circuits and both diesel generator sets to OPERABLE status within 72*hours from the time of initial loss or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

d. With two of the above required offsite A.C. circuits inoperable, demonstrate the OPERABILITY of both diesel generator sets by performing Surveillance Requirement 4.8.1.1.2.a.4 within one hour and at least once per 8 hours thereafter, unless the diesel generators are already operating; restore at least one of the inoperable offsite sources to OPERABLE status within 24 hours or be in at least HOT STANDBY within the next 6 hours. With only one offsite source restored, restore both offsite circuits to OPERABLE status within 72 hours from time of initial loss or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

*One time only exception for repair of Diesel 1C - the 72 hour action statement for operability of Diesel 1C may be extended to a period of 9 days provided Diesel 1C is returned to OPERABLE status as soon as maintenance is completed. The provisions of specification 3.0.4 are not applicable for this one time change.

**One time only exception during repair of Diesel 1C - the 8 hour interval test is extended to 72 hours.

ACTION: (Continued)

e. With both of the above required diesel generator sets inoperable, demonstrate the OPERABILITY of two offsite A.C. circuits by performing Surveillance Requirement 4.8.1.1.1.a within 1 hour and at least once per 8 hours** thereafter; restore at least one of the inoperable diesel generator sets to OPERABLE status within 2 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours. Restore both diesel generator sets to OPERABLE status within 72* hours from time of initial loss or be in least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

SURVEILLANCE REQUIREMENTS

4.8.1.1.1 Each of the above required independent circuits between the offsite transmission network and the onsite Class 1E distribution system shall be:

a. Determined OPERABLE at least once per 7 days by verifying correct breaker alignments, indicated power availability, and

b. Demonstrated OPERABLE at least once per 18 months during shutdown by transferring unit power supply from the normal circuit to the alternate circuit.

4.8.1.1.2 Each diesel generator shall be demonstrated OPERABLE:

a. In accordance with the frequency specified in Table 4.8-1 on a STAGGERED TEST BASIS by:

1. Verifying the fuel level in the day tank,

2. Verifying the fuel level in the fuel storage tanks,

3. Verifying the fuel transfer pump can be started and transfers fuel from the storage system to the day tank,

4. Verifying the diesel starts from ambient condition and accelerates to at least 900 rpm, for the 2850 kw generator and 514 rpm for the 4075 kw generators, in less than or equal to 10 seconds. The generator voltage and frequency shall be $\geq$ 3952 volts and $\geq$ 57 Hz within 10 seconds after the start signal.

5. Verifying the generator is synchronized, loaded to greater than or equal to its continuous rating, and operates for greater than or equal 60 minutes,

*One time only exception for repair of Diesel 1C - 72 hour action statement for operability of Diesel 1C may be extended to a period of 9 days provided Diesel 1C is returned to OPERABLE status as soon as maintenance is completed. The provisions of specification 3.0.4 are not applicable for this one time change.

**One time only exception during repair of Diesel 1C - the 8 hour interval test is extended to 72 hours.

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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 21 TO FACILITY OPERATING LICENSE NO. NPF-2

AND TO AMENDMENT NO. 3 TO FACILITY OPERATING LICENSE NO. NPF-8

ALABAMA POWER COMPANY

JOSEPH M. FARLEY NUCLEAR PLANT, UNITS NO. 1 AND 2

DOCKET NOS. 50-348 AND 50-364

Introduction

On July 30, 1981, at 12:50 a.m., while performing surveillance tests on diesel generator 1C it was determined that the jacket cooling water had been introduced into the number 11 cylinder. At this time, diesel generator 1C was declared inoperable and the existing Technical Specification 72 hour ACTION statement was invoked. After exceeding the 72 hour ACTION statement, both Units 1 and 2 must be placed in HOT STANDBY. Investigations revealed that an excess of 72 hours would be required to return diesel generator 1C to OPERABLE status. By letter dated July 31, 1981, the licensee requested a one time exception to permit plant operation up to six days in addition to the three days allowed by the Technical Specifications (nine days total) to allow repair of diesel generator 1C without shutting down the Unit 1 and Unit 2 facilities.

The Technical Specifications also state that during the 72 hour period when a diesel generator is declared inoperable, the remaining diesels must be started every eight hours to verify their operability. Since this would amount to approximately 120 combined starts for the remaining diesels, the licensee has requested that the period be increased to 72 hours during this one time repair because accelerated wear and degradation might occur due to the large number of startups.

Discussion and Evaluation

Availability of Safety Trains

Three of the five Farley plant diesel generators are designed as swing diesels capable of serving either unit. Diesel generator 1C is one of the swing diesels. The licensee has shown that for all combinations of loss of offsite power and without a coincident LOCA at one of the units, there will be at least one train of safety related equipment available at each unit.

In addition, the staff has investigated the possibility of each unit experiencing a single failure of a remaining diesel generator coincident with loss of offsite power to both units and a LOCA occurring at one unit. But even under these postulated conditions, the flexibility of the diesels circuitry results in one safety train being available on each unit to supply power to the required loads.

This event is similar to the event of May 8, 1981 when water was introduced to the number 10 cylinder of diesel generator 1C. The problem at that time was diagnosed as being a failure of the O-ring seal allowing cooling water to enter the cylinder. The 1C diesel engine was disassembled and repairs were made to the seals.

Upon disassembling diesel generator 1C for the most recent event, the licensee observed that the upper piston wrist pin and bushing had experienced excessive wear. The wrist pin, joining the connecting rod and the piston, allowed nonsymetrical forces between the piston and the liner. The liner sleeve was scored by the wobbling of the piston head thus generating excessive heat loads. The licensee has thus postulated that this excessive heat input caused the premature failure of the rubber O-ring seal. In addition, the licensee now believes that excessive wrist pin and bushing wear was the precursor of the May 8, 1981 O-ring seal failure.

Both the licensee and the diesel generator manufacturer, Colt Industries of Fairbanks Morse Division, are investigating the cause of the wrist pin and bushing wear. This type of problem has not been identified as a generic problem by the vendor. The current investigation will be centered on the following areas:

1. Record of Operation and Maintenance

   The vendor has recommeded in April 1981 a overhaul and inspection of each diesel generator during refueling outages. The licensee has now accepted the recommendation which will be implemented at subsequent outages.

2. Mill Search

   A search of the castings and material used which will be done due to this recent failure and may explain why diesel 1C has had recurring problems.

3. Installation

   Improper installation could be a contributor to the excessive wear. The licensee is reviewing this matter.

4. Number of Starts

The plant's Technical Specifications require that, due to previous test failures, diesel generator 1C be started every three days to prove operability per Regulatory Guide 1.108. The licensee is presently evaluating this matter.

We agree with the licensees approach. However, we feel that because of the two recent failures of the 1C diesel, APCo should provide a Special Report to the NRC staff as soon as the diesel investigation is completed. The report should include not only the results of the investigation described above but also the recent Task Group Study done by APCo. We understand the study is completed and recommendations of the APCo group are currently being implemented.

During the current repair of diesel generator 1C, the licensee plans to inspect the wrist pins and bushings for all 12 upper cylinders. Any assemblies that exhibit excessive wear will be replaced. This action should minimize additional failures similar to the two failures which have occurred to diesel 1C.

Station Blackout

Station blackout is characterized by the loss of both offsite and emergency AC power for an extended period of time. Core melt can occur if the turbine-driven auxiliary feedwater system fails or if the reactor coolant pump seals fail subsequently because of lack of cooling if no corrective actions are taken.

In the staff's evaluation found in License Amendment No. 20 for Unit 1 and No. 2 for Unit 2, an estimate was made of the core melt probabilities assuming that diesel generator 1C would be inoperable for a total of 13 days. Since the licensee has only requested a nine day outage for diesel generator 1C, the probabilities can be assumed to be less than that previously reported* and found to be acceptably low.

Diesel Testing

The reduced testing frequency requested is acceptable provided staggered testing of the four diesels is scheduled within the 72 hour time frame. The following actions are being taken during recovery from this event:

1. Plant procedures will assure operators are aware of the staggered diesel test frequency and proper bus loading procedures with diesel 1C out of commission.

2. Each Senior Reactor Operator will brief each oncoming shift and the Shift Technical Advisor.

* However, even if these outages would have occurred over a continuous 19 day period, the risk for the accident scenario is not substantially changed.

Work performed by the Diesel Generator Task Force has resulted in recommendations that has increased the reliability of the diesel generators. This is shown by a reduction in the numbers of test failures since May 10, 1981.

Summary

The licensee has shown that for all combinations of loss of offsite power with and without a coincident LOCA at one of the units, there will always be power available to run at least one of the redundant safety trains at each unit. Staff analyses also showed that the inclusion of single failures of a remaining diesel generator at either or both units would not change this result.

The probability of core melt during the one-time nine day Technical Specification change is acceptably low. Therefore, the proposed Technical Specification change is acceptable on a one-time only basis.

Although this diesel generator failure follows a similar event that occurred on May 8, 1981, we believe the combination of the licensee's upgraded maintenance program, the current overhaul and inspection of diesel generator 1C, and the joint licensee-diesel vendor study of the excessive wear problem justifies this Technical Specification change.

Enviromental 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 environment impact. Having made this determination, we 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 of 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 accidents previously considered and 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) 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: July 31, 1981

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NOS. 50-348 AND 50-364

ALABAMA POWER COMPANY

NOTICE OF ISSUANCE OF AMENDMENTS TO FACILITY OPERATING LICENSES

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 21 to Facility Operating License No. NPF-2 and Amendment No. 3 to Facility Operating License No. NPF-8 issued to Alabama Power Company (the licensee), which revised Technical Specifications for operation of the Joseph M. Farley Nuclear Plant, Unit Nos. 1 and 2 (the facilities) located in Houston County, Alabama. The amendments are effective as of the date of issuance.

The amendments grant temporary relief on a one-time only basis from diesel generator operability and surveillance frequency requirements to allow continued plant operation for six additional days during repairs to diesel generator 1C. The existing Technical Specifications allows a 72 hour outage time.

The application for the amendments comply 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 Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendments. Prior public notice of these amendments was not required since these amendments do not involve a significant hazards consideration.

The Commission has determined that the issuance of these amendments 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 these amendments.

For further details with respect to this action, see (1) the request for amendments, dated July 31, 1981, (2) Amendment No. 21 to License No. NPF-2, (3) Amendment No. 3 to License No. NPF-8, and (4) 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), (3) and (4) 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 July, 1981.

FOR THE NUCLEAR REGULATORY COMMISSION

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