

January 3, 1989

Docket No.: 50-413

Mr. H. B. Tucker, Vice President  
Nuclear Production Department  
Duke Power Company  
422 South Church Street  
Charlotte, North Carolina 28242

Dear Mr. Tucker:

SUBJECT: ISSUANCE OF AMENDMENT NO. 57 TO FACILITY OPERATING LICENSE NPF-35  
CATAWBA NUCLEAR STATION, UNIT 1 (TAC 62219)

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 57 to Facility Operating License NPF-35 for the Catawba Nuclear Station, Unit 1. The amendment is being issued in response to your application dated August 12, 1986, as supplemented December 14, 1987, March 1 and April 18, 1988.

The amendments substitutes the standard fire protection license condition for the existing license condition.

A copy of the related safety evaluation supporting Amendment No.57 to Facility Operating License NPF-35 is enclosed.

Notice of issuance of the amendment will be included in the Commission's next bi-weekly Federal Register notice.

Sincerely,

Original Signed By:

Kahtan N. Jabbour, Project Manager  
Project Directorate II-3  
Division of Reactor Projects I/II  
Office of Nuclear Reactor Regulation

Enclosures:

- 1. Amendment No.57 to NPF-35
- 2. Safety Evaluation

cc w/enclosures:

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MRood  
12/14/88

PDII-3 <sup>KNS</sup>  
KJabbour:sw  
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for DMatthews  
12/27/88

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Mr. H. B. Tucker  
Duke Power Company

Catawba Nuclear Station

cc:

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DATED: January 3, 1989

AMENDMENT NO. 57 TO FACILITY OPERATING LICENSE NPF-35 - Catawba Nuclear Station, Unit 1

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

DUKE POWER COMPANY

NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION

SALUDA RIVER ELECTRIC COOPERATIVE, INC.

DOCKET NO. 50-413

CATAWBA NUCLEAR STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 57  
License No. NPF-35

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment to the Catawba Nuclear Station, Unit 1 (the facility) Facility Operating License No. NPF-35 filed by the Duke Power Company acting for itself, North Carolina Electric Membership Corporation and Saluda River Electric Cooperative, Inc., (licensees) dated August 12, 1986, as supplemented December 14, 1987, March 1 and April 18, 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 as 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 set forth in 10 CFR Chapter I;
  - 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.

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2. Accordingly, Facility Operating License No. NPF-35 is hereby amended to read as follows:

A. Change license condition 2.C.(8) to read as follows:

Fire Protection Program (Section 9.5.1, SER, SSER #2, SSER #3, SSER #4, SSER #5)

Duke Power Company shall implement and maintain in effect all provisions of the approved fire protection program as described in the Final Safety Analysis Report, as amended, for the facility and as approved in the SER through Supplement 6, subject to the following provision:

The licensee may make changes to the approved fire protection program without prior approval of the Commission only if those changes would not adversely affect the ability to achieve and maintain safe shutdown in the event of a fire.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Signed By Lawrence Crocker for:

David B. Matthews, Director  
Project Directorate II-3  
Division of Reactor Projects-I/II  
Office of Nuclear Reactor Regulation

Date of Issuance: January 3, 1989

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me  
D:PDII-3  
DMatthews  
12/27/88



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 57 TO FACILITY OPERATING LICENSE NPF-35  
DUKE POWER COMPANY, ET AL.  
CATAWBA NUCLEAR STATION, UNIT 1  
DOCKET NO. 50-413

1.0 INTRODUCTION

By letter dated August 12, 1986, Duke Power Company, et al., (the licensee) proposed an amendment to substitute the standard fire protection license condition, discussed in Generic Letter (GL) 86-10, for the previous license condition 2.C.(8) of Catawba Unit 1 Facility Operating License, NPF-35, issued January 17, 1985. Additional information in support of this amendment was submitted by letters dated December 14, 1987, March 1 and April 18, 1988.

2.0 EVALUATION

In GL 86-10, the NRC staff recommended that licensees incorporate the approved plant fire protection program into the Final Safety Analysis Report (FSAR) and adopt the standard fire protection license condition.

The licensee's letter of August 12, 1986, as supplemented by letters of December 14, 1987, March 1 and April 18, 1988, was submitted in response to GL 86-10. In the April 18, 1988 letter, the licensee proposed to include, by reference, in the FSAR all the documents that had been submitted to the NRC regarding the fire protection program.

The previous license condition requires that changes to the approved fire protection program made without prior Commission approval be reported annually to the Director of Nuclear Reactor Regulation. The standard license condition in GL 86-10 requires licensees to submit the same information annually along with FSAR revisions required by 10 CFR 50.71. The two reporting methods are essentially equivalent.

Based on its review, the staff finds that the licensee's proposed amendment conforms with GL 86-10 guidance, would make the fire protection license conditions identical for both Catawba Units, would have no adverse impact on safety, and would not pose an undue risk to public health and safety. Therefore, it is acceptable.

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The amended license condition 2.C(8) of NPF-35 would then state:

Duke Power Company shall implement and maintain in effect all provisions of the approved fire protection program as described in the Final Safety Analysis Report, as amended, for the facility and as approved in the SER through Supplement 6, subject to the following provision:

The licensee may make changes to the approved fire protection program without prior approval of the Commission only if those changes would not adversely affect the ability to achieve and maintain safe shutdown in the event of a fire.

### 3.0 ENVIRONMENTAL CONSIDERATION

This amendment involves changes to the installation or use of facility components located within the restricted area as defined in 10 CFR Part 20. The 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 exposure. The NRC staff has made a determination that the amendment involves no significant hazards consideration, and there has been no public comment on such finding. 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 this amendment.

### 4.0 CONCLUSION

The Commission made a proposed determination that the amendment involves no significant hazards consideration which was published in the Federal Register (53 FR 48328) on November 30, 1988. The Commission consulted with the state of South Carolina. No public comments were received, and the state of South Carolina did not have any comments.

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.

Principal Contributors: K. Jabbour, PDII-3/DRP-I/II  
D. Kubicki, ECEB/DEST

Dated: January 3, 1989