

June 7, 1988

Docket Nos.: 50-269, 50-270  
and 50-287

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 Nos. 166, 166, and 163 to Facility Operating Licenses DPR-38, DPR-47, and DPR-55 - Oconee Nuclear Station, Units 1, 2, and 3 (TAC Nos. 66090/66091/66092)

The Nuclear Regulatory Commission has issued the enclosed Amendment Nos. 166, 166, and 163 to Facility Operating Licenses Nos. DPR-38, DPR-47 and DPR-55 for the Oconee Nuclear Station, Units 1, 2, and 3. These amendments consist of changes to the Station's common Technical Specifications (TSs) in response to your request dated August 11, 1987.

The amendments revise the TSs related to fire hose stations.

A copy of our Safety Evaluation is also enclosed. Notice of issuance of the enclosed amendments will be included in the Commission's bi-weekly Federal Register notice.

Sincerely,

Original signed by:

Helen N. Pastis, Project Manager  
Project Directorate II-3  
Division of Reactor Projects - I/II

Enclosures:

1. Amendment No. 166 to DPR-38
2. Amendment No. 166 to DPR-47
3. Amendment No. 163 to DPR-55
4. Safety Evaluation

cc w/enclosures: See next page

PDII-3/DRP-I/II  
MRood:sw  
04/29/88

PDII-3/DRP-I/II  
HPastis  
05/4/88

PDII-3/DRP-I/II  
DMatthews, Director  
05/16/88

DATED: June 7, 1988

AMENDMENT NO. 166 TO FACILITY OPERATING LICENSE DPR-38 - Oconee Nuclear Station, Unit 1  
AMENDMENT NO. 166 TO FACILITY OPERATING LICENSE DPR-47 - Oconee Nuclear Station, Unit 2  
AMENDMENT NO. 163 TO FACILITY OPERATING LICENSE DPR-55 - Oconee Nuclear Station, Unit 3

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Mr. H. B. Tucker  
Duke Power Company

Oconee Nuclear Station  
Units Nos. 1, 2 and 3

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Honorable James M. Phinney  
County Supervisor of Oconee County  
Walhalla, South Carolina 29621



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

DUKE POWER COMPANY

DOCKET NO. 50-269

OCONEE NUCLEAR STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 166  
License No. DPR-38

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment to the Oconee Nuclear Station, Unit 1 (the facility) Facility Operating License No. DPR-38 filed by the Duke Power Company (the licensee) dated August 11, 1987, 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 set forth in 10 CFR Chapter 1;
  - 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 attachments to this license amendment, and Paragraph 3.B of Facility Operating License No. DPR-38 is hereby amended to read as follows:

3.B Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 166, 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 its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by:

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

Attachment:  
Technical Specification  
Changes

Date of Issuance: June 7, 1988

PDII-3/DRP-I/II  
MR000  
04/29/88

PDII-3/DRP-I/II  
HPastis  
05/4/88

OGC W Flint  
5/5/88

PDII-3/DRP-I/II  
DMatthews, Director  
05/16/88

ADR2 DRPR:NRR  
GCLofnas  
6/1/88

*as modified*



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

DUKE POWER COMPANY

DOCKET NO. 50-270

OCONEE NUCLEAR STATION, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 166  
License No. DPR-47

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment to the Oconee Nuclear Station, Unit 2 (the facility) Facility Operating License No. DPR-47 filed by the Duke Power Company (the licensee) dated August 11, 1987, 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 set forth in 10 CFR Chapter 1;
  - 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 attachments to this license amendment, and Paragraph 3.B of Facility Operating License No. DPR-47 is hereby amended to read as follows:

3.B Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 166, 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 its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by:

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

Attachment:  
Technical Specification  
Changes

Date of Issuance: June 7, 1988

PDII-3/DRP-I/II  
MRood  
04/21/88

PDII-3/DRP-I/II  
HPastis  
04/4/88

OGC-WF  
5/5/88

PDII-3/DRP-I/II  
DMatthews, Director  
05/16/88

ADRA:DRPR:NRR  
GCLainas  
6/1/88

*as modified*



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

DUKE POWER COMPANY

DOCKET NO. 50-287

OCONEE NUCLEAR STATION, UNIT 3

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 163  
License No. DPR-55

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment to the Oconee Nuclear Station, Unit 3 (the facility) Facility Operating License No. DPR-55 filed by the Duke Power Company (the licensee) dated August 11, 1987, 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 set forth in 10 CFR Chapter 1;
  - 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 attachments to this license amendment, and Paragraph 3.B of Facility Operating License No. DPR-55 is hereby amended to read as follows:

3.B Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 163, 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 its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by:

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

Attachment:  
Technical Specification  
Changes

Date of Issuance: June 7, 1988

PDII-3/DRP-I/II  
MR000  
04/29/88

PDII-3/DRP-I/II  
RPastis  
04/4/88

OGC-WF int  
05/5/88

PDII-3/DRP-I/II  
DMatthews, Director  
05/16/88

ADR2:DRPR:NRR  
GCLainas  
6/1/88

*as modified*

ATTACHMENT TO LICENSE AMENDMENTS

AMENDMENT NO. 166 TO DPR-38

AMENDMENT NO. 166 TO DPR-47

AMENDMENT NO. 163 TO DPR-55

DOCKET NOS. 50-269, 50-270, AND 50-287

Replace the following page of the Appendix "A" Technical Specifications with the attached page. The revised page is identified by amendment number and contains a vertical line indicating the area of change.

Remove  
Page

3.17-8

Insert  
Page

3.17-8

TABLE 3.17-1 (cont'd)

SPRINKLER SYSTEMS

Cable Room	Units 1, 2, and 3
Equipment Room	Units 1, 2, and 3
Cable Shaft (3rd Level)	Units 1, 2, and 3
Cable Shaft (4th & 5th Level)	Units 1, 2, and 3

EMULSIFIRE/SPRAY SYSTEMS

Keowee Hydro Station

Main Lube Oil Storage Room

Main Transformer

C. Fire Hose Stations

<u>Location No.</u>	<u>Valve No.</u>	<u>Area or Component Protected</u>
3-D-28	2HPSW-194	1&2 Blockhouse, 1&2 3rd Floor Switchgear
AX-35	1HPSW-436	#1 Cable Spread Room
AX-32	2HPSW-436	#2 Cable Spread Room
AX-33	2HPSW-437	1&2 Cable Spread Room
AX-30	3HPSW-436	#3 Cable Spread Room
AX-31	3HPSW-437	#3 Cable Spread Room
5-M-31	2HPSW-304	1&2 Control Room, 1&2 Emergency Shutdown Panels
TOH-3	3HPSW-338	#3 Control Room, #3 Emergency Shutdown Panel
1-J-28	2HPSW-242	#1 First Floor Motor Control Centers HPSW Pumps, 1&2 LPSW Pumps
1-J-43	3HPSW-344	#3 1st Floor Motor Control Centers
1-B-19	1HPSW-283	#1 EFWP
1-D-39	2HPSW-236	#2 EFWP
1-D-53	3HPSW-336	#3 EFWP
AX-13	1HPSW-448	1&2 HPI Pumps, 1&2 LPI Pumps
AX-14	3HPSW-449	3 HPI Pumps, 3 LPI Pumps
1-J-47	3HPSW-349	3 LPSW Pumps
AX-36	1HPSW-445	#1 West Penetration Room
AX-45	1HPSW-444	#1 East Penetration Room
AX-42	2HPSW-444	#2 East Penetration Room
AX-43	2HPSW-445	#2 West Penetration Room
AX-29	3HPSW-444	#3 East Penetration Room
AX-44	3HPSW-445	#3 West Penetration Room
AX-21	HPSW-457	1+2 Equipment Room
AX-19	3HPSW-358	3 Equipment Room
3-M-24	HPSW-176	1 Equipment Room
3-M-29	2HPSW-245	2 Equipment Room
3-M-43	3HPSW-339	3 Equipment Room



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 166 TO FACILITY OPERATING LICENSE NO. DPR-38

AMENDMENT NO. 166 TO FACILITY OPERATING LICENSE NO. DPR-47

AMENDMENT NO. 163 TO FACILITY OPERATING LICENSE NO. DPR-55

DUKE POWER COMPANY

OCONEE NUCLEAR STATION, UNITS 1, 2, and 3

DOCKET NOS. 50-269, 50-270 AND 50-287

INTRODUCTION

By letter dated August 11, 1987, Duke Power Company (the licensee) proposed changes to the Technical Specifications (TSs) of Facility Operating License Nos. DPR-38, DPR-47 and DPR-55 for the Oconee Nuclear Station, Units 1, 2, and 3. These amendments would consist of changes to the Station's common TSs to revise table 3.17-1 (Fire Hose Stations). These amendments would also: (1) change the location and valve numbers of a number of fire hose stations and, (2) correct typographical errors.

EVALUATION

The licensee has proposed a modification to move five fire hose stations presently located within the Cable Spreading Rooms to stairwell locations outside the rooms. The purpose of the modification is to make the fire hose station accessible for fire fighting activities in these rooms. This modification will also allow the licensee to credit the related fire hose stations with providing fire fighting capabilities to other plant areas. The licensee has requested a revision to Table 3.17-1 of the TSs to include the new location of the five fire hose stations and delete six fire hose stations no longer required to meet NRC guidelines. In addition, the amendments would include revisions to Table 3.17-1 to correct typographical errors.

The proposed modification of fire hose stations will enhance fire fighting capabilities in the Cable Spreading Rooms and meets the intent of the guidance provided in National Fire Protection Association (NFPA) Std. 14, Standpipe and Hose Systems, for the location of fire hose connections. The deletion of the six fire hose stations from TSs is acceptable because all plant areas previously protected by these fire hose stations will still be within 100 feet of a fire hose station required by the TSs. The correction of typographical errors is necessary to make the TSs accurate. After reviewing these proposed TS changes, the staff has determined they are acceptable.

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PDR ADDCK 05000269  
P PDR

In addition to the revisions proposed by the licensee, the staff has made the following revisions or observations to maintain consistency between the NRC and the licensee's copies of the TSs with respect to TS page 3-17-8:

1. The licensee failed to propose the heading "Sprinkler Systems." We added it back again.
2. Although the licensee has proposed revisions to the text for location No. AX-45, our TSs already show it as you have proposed. Therefore, no revisions are necessary.
3. Location No. 3-M-43 has been approved for page 3-17-8. We note that the same location No. 3-M-43 appears on page 3.17-9. The licensee should resolve whether the same identification number is used for two different TS designations.

### ENVIRONMENTAL CONSIDERATION

These amendments involve a change in the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. We have determined that the amendments involve 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 these amendments involve no significant hazards consideration, and there has been no public comment on such finding. Accordingly, these amendments meet 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 these amendments.

### CONCLUSION

The Commission made a proposed determination that the amendments involve no significant hazards consideration which was published in the Federal Register (53 FR 11370) on April 6, 1988, and 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 these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributors: G. Wiseman, RII  
D. Ward, RII  
H. Pastis, PD II-3, NRR

Dated: June 7, 1988