

APR 01 1985

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Posted  
Amdt. 136  
to DPR-47

Dockets Nos. 50-269, 50-270  
and 50-287

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Mr. H. B. Tucker  
Vice President - Nuclear Production  
Duke Power Company  
P. O. Box 33189  
422 South Church Street  
Charlotte, North Carolina 28242

Dear Mr. Tucker:

The Commission has issued the enclosed Amendments Nos. 136 , 136 , and 133 to Facility Operating Licenses Nos. DPR-38, DPR-47 and DPR-55 for the Oconee Nuclear Station, Units Nos. 1, 2 and 3. These amendments consist of changes to the Station's common Technical Specifications (TSs) in response to your request dated August 15, 1984.

These amendments revise the TSs to change TS pages 6.1-6 and 6.1-6a to reflect the new requirements on minimum reactor operator staffing that became effective January 1, 1984. You have stated that you are presently in compliance with the rule, and that you proposed the changes to reflect the new requirements and to allow certain temporary deviations as allowed by the regulations. The other two changes requested in your August 15, 1984 application address (1) protection from inadvertent low temperature overpressurization and (2) reactor building purge system. Action 1 is presently under review and will be handled by a separate safety evaluation and license amendment. Action 2 has been put on hold when your staff called and stated that a revision to the August 15, 1984 request is pending.

While we have accepted your proposal on minimum staffing for the reactor operators, during our review, we noted that an item not covered by your amendment request, the number of nuclear equipment operators (i.e. auxiliary operators) required by TS Table 6.1-1 is, for some situations, less than the number specified in NUREG-0737, Item I.A.1.3. We request that you propose changes to the TSs to incorporate the correct number of auxiliary operators. We request that you propose these changes within 60 days of the date of this letter. We would also encourage you to submit the revised changes on the reactor building purge system at that time. This request for information affects fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Mr. Hal B. Tucker

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A copy of the Safety Evaluation is also enclosed. Notice of Issuance of the enclosed amendments will be included in the Commission's monthly notice.

Sincerely,

*Original signed by*

Helen Nicolaras, Project Manager  
Operating Reactors Branch No. 4  
Division of Licensing

Enclosures:

1. Amendment No. 136 to DPR-38
2. Amendment No. 136 to DPR-47
3. Amendment No. 133 to DPR-55
4. Safety Evaluation

cc w/enclosures:  
See next page

ORB#4:DL  
RIngram  
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HNicolaras;  
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JStoltz  
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Duke Power Company

cc w/enclosure(s):

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

DUKE POWER COMPANY

DOCKET NO. 50-269

OCONEE NUCLEAR STATION, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 136  
License No. DPR-38

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Duke Power Company (the licensee) dated August 15, 1984, 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 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. 136 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

  
John F. Stolz, Chief  
Operating Reactors Branch #4  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: April 1, 1985



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

DUKE POWER COMPANY

DOCKET NO. 50-270

OCONEE NUCLEAR STATION, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 136  
License No. DPR-47

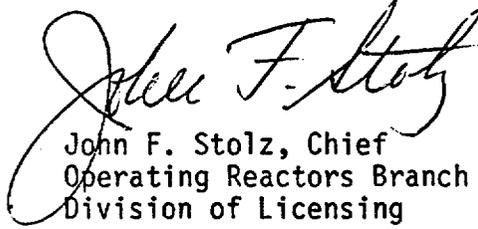
1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Duke Power Company (the licensee) dated August 15, 1984, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations 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 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. 136 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

  
John F. Stolz, Chief  
Operating Reactors Branch #4  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: April 1, 1985



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

DUKE POWER COMPANY

DOCKET NO. 50-287

OCONEE NUCLEAR STATION, UNIT NO. 3

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 133  
License No. DPR-55

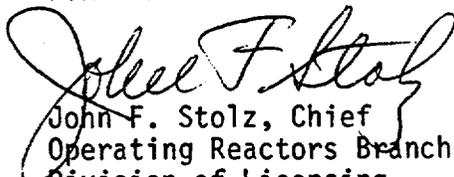
1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Duke Power Company (the licensee) dated August 15, 1984, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations 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 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. 133 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

  
John F. Stolz, Chief  
Operating Reactors Branch #4  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: April 1, 1985

ATTACHMENTS TO LICENSE AMENDMENTS

AMENDMENT NO. 136 TO DPR-38

AMENDMENT NO. 136 TO DPR-47

AMENDMENT NO. 133 TO DPR-55

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

Replace the following pages of the Appendix "A" Technical Specifications with the attached pages. The revised pages are identified by amendment numbers and contain vertical lines indicating the area of change.

Remove Pages

Insert Pages

6.1-6

6.1-6

6.1-6a

6.1-6a

TABLE 6.1-1  
 MINIMUM OPERATING SHIFT REQUIREMENTS  
 (With Fuel in the Three Reactor Vessels)

	One Unit Operating*	Two Units Operating*	All Units Operating*	All Units Shutdown
Shift Supervisor (SRO)	1	1	1	1
Additional SRO	1	2**	2	None
Shift Technical Advisor (SRO)	1	1	1	None
Reactor Operator	4	5**	5	3
Nuclear Equipment Operator	2	5	4	3

\* Above cold shutdown

\*\* Only one SRO and four Reactor Operators required if both units are operated from one Control Room.

## ADDITIONAL REQUIREMENTS

1. One licensed operator per unit shall be in the Control Room at all times when there is fuel in the reactor vessel.
2. Two licensed operators shall be in the Control Room during startup and scheduled shutdown of a reactor.
3. At least one licensed operator shall be in the reactor building when fuel handling operations in the reactor building are in progress.
4. An operator holding a Senior Reactor Operator license and assigned no other operational duties shall be in direct charge of refueling operations.
5. At least one person per shift shall have sufficient training to perform routine health physics requirements.
6. If the computer for a reactor is inoperable for more than eight hours, an operator, in addition to those required above, shall supplement the shift crew.
7. A fire brigade of 5 members shall be maintained on site at all times. This excludes 3 members of the minimum operating shift requirements that are required to be present in the control rooms.
8. An operator holding a Senior Reactor Operator's license shall be in the Control Room from which the unit is operated whenever the unit is above cold shutdown.
9. Temporary deviations from the requirements of Table 6.1-1 may be allowed in cases of sudden illness, injury or other similar emergencies provided replacement personnel are notified immediately and are on site as soon as possible to return shift manning to minimum.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 136 TO FACILITY OPERATING LICENSE NO. DPR-38

AMENDMENT NO. 136 TO FACILITY OPERATING LICENSE NO. DPR-47

AMENDMENT NO. 133 TO FACILITY OPERATING LICENSE NO. DPR-55

DUKE POWER COMPANY

OCONEE NUCLEAR STATION, UNITS NOS. 1, 2, AND 3

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

INTRODUCTION

By letter dated August 15, 1984, Duke Power Company (the licensee) proposed changes to the Technical Specifications (TSs) of Facility Operating Licenses 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.

These amendments would revise the TSs to change TS pages 6.1-6 and 6.1-6a to reflect the new requirements on minimum operator staffing that became effective January 1, 1984. The licensee has stated that they are presently in compliance with the rule and that they are proposing the changes to reflect the new requirements and to allow certain temporary deviations as allowed by the regulations. Other changes requested in the August 15, 1984 application are presently under review and will be handled by separate safety evaluation and license amendment.

BACKGROUND

In the aftermath of the Three Mile Island (TMI) accident, a number of studies and investigations conducted by the U. S. Nuclear Regulatory Commission (NRC), the nuclear industry and others recommended changes in the numbers, qualifications and organization of nuclear power plant personnel. The specific matter of licensed operator staffing (shift supervisors, senior reactor operators, and reactor operators) was subsequently addressed by a final rule published on July 11, 1983 (48 FR 31611). The new regulation, 10 CFR 50.54(m), became effective on January 1, 1984.

EVALUATION

On August 15, 1984, the licensee for the Oconee Nuclear Station submitted a proposed license amendment to bring the Oconee TSs into conformance with 10 CFR 50.54(m). The licensee has been in compliance with the rule and seeks to establish the same compliance base in the TSs. The following specific amendments to the "Minimum Operating Shift Requirements" in TS Table 6.1-1 are being proposed:

o Page 6.1-6, Second Line, Fourth Column (All Units Shutdown)

The number of senior reactor operators required (in addition to the shift supervisor) when all three units are shutdown is reduced from one to none.

o Page 6.1-6, Fourth Line, Second Column (Two Units Operating)

The number of reactor operators required when only two of the three units are operating is increased from four to five. This will cover the situation where the two units are being operated from separate control rooms, i.e., Units 1 and 3, or Units 2 and 3. (Note: Units 1 and 2 have a shared control room and Unit 3 has a separate control room.)

o Page 6.1-6, Second Footnote

The footnote is revised to reduce the required number of reactor operators back to four when only two of the three units are operating and they are being operated from the same control room, i.e., Units 1 and 2. (Note: Units 1 and 2 have a shared control room.)

o Page 6.1-6a, Additional Requirement #8

Note #8 is added to require a senior operator in the control room from which a unit is operated whenever the unit is above cold shutdown.

o Page 6.1-6a, Additional Requirement #9

Note #9 is added to allow temporary deviations from the requirements of Table 6.1-1 in cases of sudden illness, injury or similar emergency provided replacement personnel are notified immediately and are on site as soon as possible to return shift manning to the minimum required level.

We have reviewed the proposed revisions to TS Table 6.1-1 and find them acceptable. They will bring the Oconee TSs into conformance with published Commission requirements and Federal regulations, which help ensure that adequate shift staffing, supervision and special expertise are continually present in the control room to respond to accident situations.

Notwithstanding our acceptance of the proposed changes, we note that the number of nuclear equipment operators (i.e. auxiliary operators) required by TS Table 6.1-1 is, for some situations, less than the number specified in NUREG-0737, "Clarification of TMI Action Plan Requirements," Item I.A.1.3, "Shift Manning." We request that the licensee propose changes to the TSs to incorporate the correct number of auxiliary operators, within 60 days of the date of this Safety Evaluation.

ENVIRONMENTAL CONSIDERATION

These amendments relate to changes in administrative procedures or requirements. Accordingly, these amendments meet the eligibility criteria

for categorical exclusion set forth in 10 CFR 51.22(c)(10). 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

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.

Dated: April 1, 1985

Principal Contributor: M. Schoppman