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 50-270 Oconee Nuclear Station, Unit 2, Duke Power Co. 05000270
 50-287 Oconee Nuclear Station, Unit 3, Duke Power Co. 05000287

AUTH. NAME: TUCKER, H. B. AUTHOR AFFILIATION: Duke Power Co.
 RECIP. NAME: DENTON, H. R. RECIPIENT AFFILIATION: Office of Nuclear Reactor Regulation, Director
 STOLZ, J. F. Operating Reactors Branch 4

SUBJECT: Application for supplemental amend to Licenses DPR-38, DPR-47 & DPR-55, revising Tech Specs re reactor bldg purge sys.

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NOTES: AEOD/Ornstein:1cy. 05000269
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HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

July 3, 1985

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. John F. Stolz, Chief
Operating Reactors Branch No. 4

Subject: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287

Dear Sir:

By letter dated August 15, 1984, Duke Power submitted proposed amendments to the Oconee Facility Operating License and revisions to the Oconee Technical Specifications. One of the proposed changes in that submittal addressed the Reactor Building Purge System. Specifically, the proposed amendment indicated Reactor Coolant System (RCS) temperature and pressure of 250°F and 300 psig, respectively, as limits below which the operation of the Reactor Building Purge System is allowed. Subsequent review has indicated that the maximum RCS pressure for operation of the Reactor Building Purge System should be revised to 350 psig based on the Oconee Unit 1 NPSH curve for RC pump operation. The increased pressure to 350 psig will provide a reasonable operating margin for the pumps while operating the purge. The increased RCS pressure to 350 psig has been analyzed and determined not to present a safety concern while providing suction head margin for operation of the RC pumps.

Therefore, pursuant to 10 CFR 50, §50.90, please find attached a supplemental proposed amendment to the Oconee Facility Operating License and revisions to the Oconee Technical Specifications (Attachment 1). This supplemental proposed amendment is intended to replace the affected portions of Duke's August 15, 1984 submittal which relate to the Reactor Building Purge System, specifically, pages 3.6-1, 3.6-2, 3.6-3 and 4.4-20.

Regarding the issue of no significant hazards consideration, an analysis of the proposed amendment submitted as Attachment 2 with our letter of August 15, 1984 was performed in accordance with the standards contained in §50.92 and remains valid with respect to the attached supplemental proposed amendments. The supporting technical bases is provided in Attachment 2.

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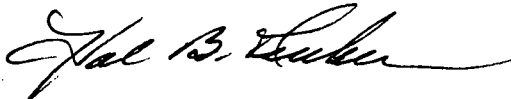
Mr. Harold R. Denton, Director
July 3, 1985
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Duke requests that the proposed Reactor Building Purge System Technical Specifications become effective 90 days following their approval by the NRC. This time period would allow Oconee Nuclear Station to implement changes to the procedures and provide training for the operators.

Duke is forwarding a copy of this application to the South Carolina Department of Health and Environmental Control for review, and as appropriate, subsequent consultation with the Staff.

Since this submittal consists of a supplement to a previously submitted amendment request, as yet unapproved, Duke considers no additional license fees are justified.

Very truly yours,



Hal B. Tucker

MAH:slb

Attachments

cc: Dr. J. Nelson Grace, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Mr. J. C. Bryant
NRC Resident Inspector
Oconee Nuclear Station

Ms. Helen Nicolaras
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

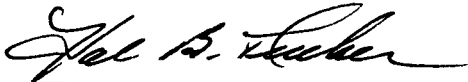
Mr. Heyward G. Shealy
Bureau of Radiological Health
South Carolina Department of
Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Mr. Harold R. Denton, Director

July 3, 1985

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HAL B. TUCKER, being duly sworn, states that he is Vice President of Duke Power Company; that he is authorized on the part of said Company to sign and file with the Nuclear Regulatory Commission this request for amendment of the Oconee Nuclear Station Technical Specifications, Appendix A to Facility Operating Licenses DPR-38, DPR-47, and DPR-55; and that all statements and matters set forth therein are true and correct to the best of his knowledge.



Hal B. Tucker, Vice President

Subscribed and sworn to before me this 3rd day of July, 1985.



Notary Public

My Commission Expires:

September 20, 1989