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 FACIL: 50-269 Oconee Nuclear Station, Unit 1, Duke Power Co. 05000269
 50-270 Oconee Nuclear Station, Unit 2, Duke Power Co. 05000270
 50-287 Oconee Nuclear Station, Unit 3, Duke Power Co. 05000287

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 TUCKER, H. B. Duke Power Co.
 RECIP. NAME RECIPIENT AFFILIATION
 DENTON, H. R. Office of Nuclear Reactor Regulation, Director (pre-851125)
 STOLZ, J. F. Operating Reactors Branch 4

SUBJECT: Application for amends to Licenses DPR-38, DPR-47 & DPR-55,
 revising Tech Spec 3.8.13.b to allow use of multi-element
 spent fuel casks in spent fuel pool. Fee paid.

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HAL B. TUCKER
VICE PRESIDENT
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November 19, 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:

Pursuant to 10 CFR 50 §50.90 please find attached (Attachment 1) a proposed amendment to the Oconee Facility Operating License and revisions to the Oconee Nuclear Station Technical Specifications. The proposed amendment would revise Technical Specification 3.8.13.b to allow use of the multielement spent fuel casks in the Oconee Nuclear Station Unit 3 spent fuel pool.

By a letter dated July 26, 1985 the NRC issued Amendment No. 44 to Facility Operating License NPF-9 and Amendment No. 25 to Facility Operating License NPF-17 for the McGuire Nuclear Station, Units 1 and 2 to receive, possess, and store irradiated fuel assemblies from the Oconee Nuclear Station. Duke Power Company has resumed the transfer of Oconee spent fuel to McGuire Nuclear Station. These transfers which are to provide fuel storage capability at Oconee Nuclear Station, will initially be made with the single fuel assembly spent fuel cask, NLI-1/2. However, to expedite the transfers, Duke Power Company desires to use the three fuel assembly cask, TN-8L, in 1986. Also, the TN-8 cask may be used.

Radiological consequence calculations for hypothetical cask drop events involving the multielement casks indicate that if the spent fuel stored in the first 33 rows of the storage racks closest to the cask handling area in Oconee 3 pool have a decay period of at least 70 days, the resulting doses are below 10CFR part 100 limits. The current Technical Specification 3.8.13.b limits the damage to the first 31 rows of the fuel storage cells. The proposed amendment will revise the Technical Specification 3.8.13.b limit to 33 rows in order to use the TN-8 or TN-8L cask in Oconee Unit 3 spent fuel pool. The casks can be used in the Oconee 1 and 2 spent fuel pools without further licensing action. Use in the McGuire spent fuel pool is being requested via an amendment to the McGuire operating licenses, Docket Nos. 50-369 and 50-370.

It is requested that NRC approve the license amendment by May 30, 1986. At that time, it is planned to use the multielement spent fuel casks in shipment of Oconee spent fuel to McGuire Nuclear Station. These shipments are necessary to maintain full core reserve in the Oconee 1 and 2 shared spent fuel pool and to prevent loss of full core reserve for the Oconee site.

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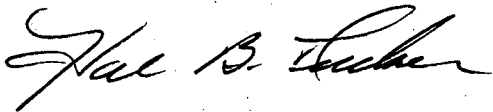
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Mr. Harold R. Denton, Director
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Attachment 1 contains the proposed License Amendments. Attachment 2 discusses the Justification in support of the proposed amendments. Attachment 3 provides an analysis performed in accordance with the standards contained in 10 CFR 50.92 as required by 10 CFR 50.91. This analysis concludes that the proposed amendments have been reviewed and have been determined to have no adverse safety or environmental impact.

Pursuant to 10 CFR 170, §170.12 please find enclosed a check in the amount of \$150.00 for the application fee.

Very truly yours,



Hal B. Tucker

PJN:ccd

Attachments

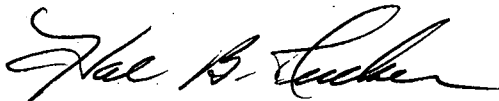
cc: Dr. J. Nelson Grace, Regional Administrator
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

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

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

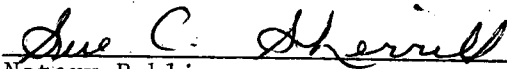
Mr. Heyward Shealy, Chief
Bureau of Radiological Health
South Carolina Department of
Health & Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

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 19th day of November, 1985.



Notary Public

My Commission Expires:

September 20, 1989