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

AUTH. NAME AUTHOR AFFILIATION
 TUCKER, H.B. Duke Power Co.
 RECIP. NAME RECIPIENT AFFILIATION
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SUBJECT: Application for amends to Licenses DPR-38, DPR-47 & DPR-55,
 to provide adequate standby bus voltage for all DBAS.

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HAL B. Tucker
Vice President
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DUKE POWER

December 15, 1988

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Subject: Oconee Nuclear Station
Docket Nos. 50-269,-270,-287
Lee Gas Turbine-Proposed Technical Specifications

Gentlemen:

By letter dated November 7, 1988 and via Licensee Event Report (LER) 269/88-13 the NRC was informed of the results of an electrical transient analysis regarding emergency backup power at Oconee Nuclear Station (ONS). Pursuant to 10 CFR 50, Part 50.90, please find attached (Attachment 1) a proposed amendment to the ONS Facility Operating Licenses and revisions to the ONS Technical Specifications. Technical Specifications provided within attachment 1 are provided to ensure that adequate standby bus voltage exists for all design basis accident scenarios. Briefly, these changes will require the following actions:

- 1) If for planned reasons a Lee gas turbine is required, then at least one unit shall be placed in a cold shutdown condition with Reactor Coolant System (RCS) pressure below 200 psig and with its standby bus circuit breakers opened and blocked from automatically closing prior to energizing the 4160 V standby buses through the Lee 100 kV circuit;
- 2) If for unplanned reasons a Lee gas turbine is required, one unit's standby bus circuit breakers shall be opened and blocked from automatically closing and the unit shall be placed in a cold shutdown condition with RCS pressure below 200 psig within 36 hours.

A hardware modification is in the process of being developed with implementation planned as soon as possible. The design is expected to be completed in December 1988, and is capable of being installed and functionally verified with the Oconee units on-line. Duke currently anticipates implementing the modification on all units by March 1, 1989.

Duke does not currently anticipate relying on a Lee gas turbine prior to completion of the modification. However, in the event that a Lee gas turbine is required, Duke will pursue NRC approval of this proposal on an emergency basis pursuant to 10 CFR 50, Part 50.91(a)(5). Upon completion of the modification, Lee will have the capability of supporting loads following all design basis accident scenarios in accordance with currently existing Technical Specifications. As such, Duke will withdraw this amendment request upon completion of the modification.

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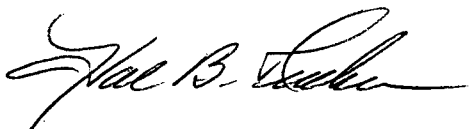
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U.S. Nuclear Regulatory Commission
December 15, 1988
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Duke has determined the attached proposed amendment as having no significant hazards considerations. Attachment 3 provides the No Significant Hazards Consideration Evaluation. Attachment 2 provides the supporting Technical Justification. Duke is forwarding a copy of the application to the South Carolina Department of Health and Environmental Control for review and, as appropriate, subsequent consultation with the staff.

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

Very truly yours,



Hal B. Tucker

PJN/432/mmf

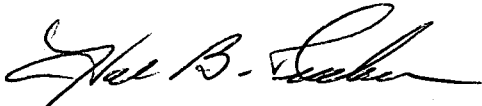
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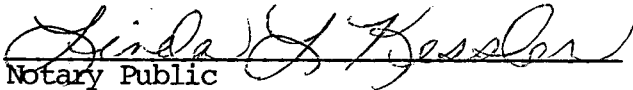
P.H. Skinner
NRC Resident Inspector
Oconee Nuclear Station

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 revision to the Oconee Nuclear Station License Nos. 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.

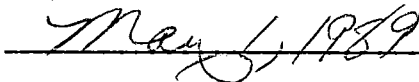


Hal B. Tucker, Vice President

Subscribed and sworn to before me this 15th day of December, 1988.


Notary Public

My Commission Expires:


May 6, 1989

