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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      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,  
 revising TS to support operation during Cycle 12.

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**DUKE POWER COMPANY**

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HAL B. TUCKER  
VICE PRESIDENT  
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September 25, 1989

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

Subject: Oconee Nuclear Station  
Docket Nos. 50-269, -270, -287  
Unit 3 Cycle 12 Reload Technical Specifications

Gentlemen:

Pursuant to 10CFR 50, Part 50.90, please find attached (Attachment 1) a proposed amendment to the Oconee Nuclear Station (ONS) Facility Operating Licenses and revisions to the ONS Technical Specifications. The proposed revisions are required to support operation of Unit 3 at full rated power during Cycle 12.

Duke has determined the attached proposed amendment as having no significant hazards considerations. Attachment 2 provides the No Significant Hazards Consideration Evaluation. Attachment 3 is the "Oconee Unit 3, Cycle 12 Reload Report". A summary of cycle operating parameters is included in the report, along with safety analyses supporting operation of the Unit 3 Cycle 12 core at full rated power in accordance with the Technical Specifications provided. Duke requests NRC approval of this proposal prior to Unit 3 Cycle 12 startup currently scheduled for December 21, 1989. Changes which effect Units 1 and 2 will be implemented upon Unit 3 Cycle 12 startup.

Changes included within this amendment request account for minor changes in power peaking and control rod worths, include use of the VIPRE thermal hydraulic code, and remove all specifications associated with two reactor coolant pump operation. These changes affect safety limits and limiting safety system settings which are not included in the Core Operating Limits Report.

As discussed in Section 7 of the Reload Report, a generic LOCA analysis for the B&W 177-FA, lowered loop NSSS has been performed using the Final Acceptance Criteria ECCS Evaluation Model (BAW-10103, Rev. 3). The LOCA-Limited Maximum Allowable Linear Heat Rate given in BAW-10103 has been impacted by TACO2, NUREG-0630, and FLECSET. The net effect of these factors is summarized by the LOCA kw/ft limits in BAW-1915P. The LOCA kw/ft limits given in BAW-1915P were used in the design of Oconee 3, Cycle 12.

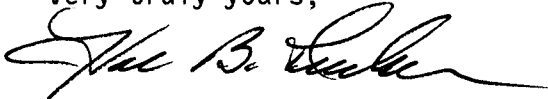
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Duke is forwarding a copy of the application to the South Carolina Department of Health and Environmental Control for review and, as appropriate, subsequent consultation with the staff.

Very truly yours,



Hal B. Tucker

PJN/41/td

Attachments

cc: Mr. S. D. Ebner  
Regional Administrator, Region II  
U. S. Nuclear Regulatory Commission  
101 Marietta Street, NW, Suite 2900  
Atlanta, GA 30323

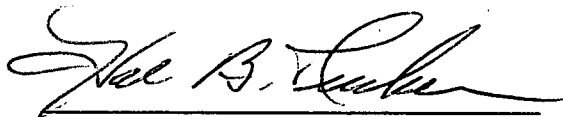
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Office of Nuclear Reactor Regulation  
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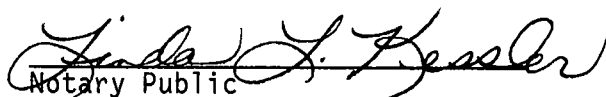
Mr. P. H. Skinner  
NRC Resident Inspector  
Oconee Nuclear Station

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September 25, 1989  
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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 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 25th day of September, 1989.

  
Notary Public

My Commission Expires:

May 7, 1994

