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SUBJECT: Summarizes 851120 telcon w/NRC re silicon-controlled rectifier maint & testing procedures. Info sufficient to complete review of Generic Ltr 83-28, Item 4.4. Tech Specs being prepared per Generic Ltr 85-10.

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December 2, 1985

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

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

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

Dear Mr. Denton:

A conference call requested by the NRC staff to discuss Generic Letter 83-28, Item 4.4 was held on November 20, 1985. Participants in this conference call included:

NRC
Helen Nicolaras
Don Lasher

DUKE
M. A. Haghi
F. E. Siurua
J. E. Burchfield

Specific information regarding the maintenance and testing procedures of the silicon controlled rectifiers (SCRs) were provided to the NRC staff during the referenced conference call. The NRC staff found the information sufficient to complete their review of the Generic Letter 83-28, Item 4.4 by the end of year 1985.

The following paragraphs provide a summary of the information discussed during the conference call.

The regulating rods have two parallel sources of power. Each train of power has a bank of SCRs and a current meter in it. The RPS channels that control the SCRs are channels C & D. When these channels are tested (one at a time) a Test Trip Switch on the Reactor Building Pressure Contact Buffer is used to send a signal to turn the SCRs off. At this point the SCRs will not transmit electrical current through them and the current meter in the power train for the channel being tested will indicate 0 amps. The other current meter will indicate an increase in current as the full load is transferred to the other power source train.

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The present Oconee Nuclear Station Technical Specifications do not require testing the SCRs. However, the SCRs are tested monthly during the RPS on-line test. Currently, Duke is developing proposed Technical Specifications in response to Generic Letter 85-10 which include the SCRs in the appropriate surveillance and test sections. These proposed Technical Specifications will be submitted upon completion of Duke's internal review and approval.

Very truly yours,



Hal B. Tucker

MAH:slb

Attachment

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