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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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 DENTON, R. Office of Nuclear Reactor Regulation, Director
 STOLZ, J. F. Operating Reactors Branch 4

SUBJECT: Provides addl info re seismic qualification of reactor trip sys shunt trip attachment & informs of progress on proposed Tech Spec amend requiring testing of CRD trip breakers to verify operability of shunt & undervoltage trip attachments.

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March 20, 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 Sir:

By letter dated July 8, 1983, the NRC issued Generic Letter 83-28 entitled "Required Actions Based on Generic Implications of Salem ATWS Events", which included Item 4.3 concerning reactor trip system reliability - automatic actuation of the shunt trip attachment. In response, Duke provided information which addressed Item 4.3, by letters dated December 30, 1983 and October 23, 1984. The staff's safety evaluation of Duke's submittals was provided by a letter dated February 11, 1984.

By the February 11, 1984 letter, the staff requested additional information concerning the seismic qualification of the shunt trip attachment. In addition, the staff also requested that Duke submit a proposed Technical Specification amendment, which would explicitly note that the required testing of the control rod drive trip breakers independently confirms the operability of the shunt and undervoltage trip attachments. Duke's response to these two items are provided in the following paragraphs.

The Oconee 1, 2, and 3 AC breaker cabinets and the Oconee 2 and 3 DC breaker cabinets are seismically qualified. Additionally, the breakers themselves are seismically qualified in both the shunt trip and undervoltage modes. Documentation supporting the seismic qualification of the cabinets/breakers are on file at Duke Power Company. The Oconee 1 DC breaker cabinet is different from Units 2 and 3 and is currently being analyzed by Duke. The results of the analysis of the Oconee 1 DC breaker cabinet will be provided to the NRC when completed.

Duke is currently developing a Technical Specification amendment which will explicitly note that the shunt and undervoltage trip attachments are independently tested. The submittal of this proposed

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Mr. Harold R. Denton, Director

March 20, 1985

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Technical Specification amendment shall be prior to the completion of the shunt trip modifications on Unit 3. As indicated in my October 23, 1984 letter, this modification will be installed on Unit 3 during the upcoming refueling outage scheduled for the 3rd quarter of 1985.

Very truly yours,

H. B. Tucker - 1/15/85

Hal B. Tucker

PFG:slb

cc: Dr. J. Nelson Grace, Regional Administrator
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Mr. J. C. Bryant
NRC Resident Inspector
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