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SUBJECT: Application for amends to Licenses DPR-38, DPR-47 & DPR-55,
 revising Tech Specs re operability & surveillance
 requirements for inadequate core cooling instrumentation per
 Generic Ltr 83-37 Item II.F.2.

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March 15, 1988

U.S. Nuclear Regulatory Commission

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Washington, D.C. 20555

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

Gentlemen:

By letter dated November 1, 1983 the NRC provided Generic Letter (GL) 83-37. By letter dated October 8, 1984 as supplemented August 27, 1985 and September 19, 1986, Duke Power Company (Duke) provided a response to GL 83-37 and proposed Technical Specifications pertaining to NUREG-0737 items implemented after December 31, 1981. Duke submitted additional information on January 30, 1986 as requested by the NRC and committed to develop and submit Technical Specifications for Inadequate Core Cooling (ICC) instrumentation per GL 83-37 Item II.F.2.

A Technical Evaluation Report (TER) concerning Oconee's conformance to NUREG 0737 Action Items requiring Technical Specifications was provided by NRC letter dated November 19, 1987. Within Duke's January 18, 1988 response to the TER, Duke committed to providing Technical Specifications for ICC instrumentation by February 15, 1988. As such, pursuant to 10CFR 50, Part 50.90, please find attached (Attachment 1) a supplement to the October 8, 1984 proposed amendment to the Oconee Nuclear Station (ONS) Facility Operating Licenses and revisions to the ONS Technical Specifications. This supplement includes operability and surveillance requirements for ICC instrumentation. In order to avoid confusion due to unrelated changes to Technical Specifications, this supplement includes all pages affected by the October 8, 1984 proposal as well as the August 27, 1985 and September 19, 1986 supplements, (with the exception of changes included on page 6.4-1 of the October 8, 1984 proposal which were approved by amendment numbers 146/146/143). However, all other portions of the October 8, 1984 proposal and the August 27, 1985 and September 19, 1986 supplements including the No Significant Hazards Consideration Evaluation will not be affected by this supplement. Administrative changes are also included in support of this amendment request.

Information concerning the design of the ICC system was provided for NRC review by Duke letter dated July 1, 1985. NRC approval of ICC system design was provided by letter dated May 1, 1987. The Oconee Emergency Guidelines for the ICC system were provided for NRC review by Duke letter dated June 27, 1986. NRC approval for use of the ICC system was provided by letter dated September 29, 1987.

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Within this amendment request, limiting conditions for operation of the subcooling margin monitors have been relocated from Specification 3.1.12 and are included as Specification 3.5.6.2(b). This is consistent with recommendations in the November 19, 1987 NRC TER. The number of subcooling monitors required to be operable in proposed Specification 3.5.6 is identical to the number required in the current Specification 3.1.12.

Procedures associated with surveillance of instrumentation for Wide Range Hot Leg Level, Reactor Vessel Head Level, Reactor Coolant Pump Current, Core Exit Thermocouples, and Subcooling Monitors will be implemented by June 1988.

Duke has determined the attached proposed amendment as having No Significant Hazards Considerations. Attachment 3 provides the No Significant Hazards Consideration Evaluation for the ICC instrumentation Technical Specifications. Attachment 2 provides the supporting Technical Justification. Duke is providing a copy of this application to the South Carolina Department of Health and Environmental Control for review and, as appropriate, subsequent consultations with the staff.

Inasmuch as the request for these proposed changes are a supplement to a previous amendment request, no license fees are required.

Very truly yours,



Hal B. Tucker

PJN/273/jgc

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DUKE POWER COMPANY
OCONEE NUCLEAR STATION

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