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SUBJECT: Provides info re change of commitment to take credit for adequate circulation through gaps between reactor internals to prevent precipitation of boron in reactor vessel.

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DUKE POWER

June 23, 1994

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
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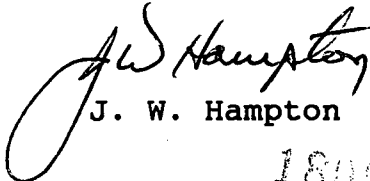
Subject: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287
Response to Request for Additional Information

By letter dated December 18, 1975, Oconee Nuclear Station informed the NRC of a method of boron dilution that consisted of a gravity flowpath for the reactor coolant from the hot leg nozzle to the Reactor Building sump through the decay heat drop line. This letter is to provide information concerning the change of this commitment to take credit for adequate circulation through the gaps between the reactor vessel outlet nozzles and the reactor internals to prevent the precipitation of boron in the reactor vessel.

The B&W Owners Group performed an analysis of the circulation through the gaps between the reactor vessel outlet nozzles and the reactor internals. Based on this analysis, it can be verified that the hot leg nozzle gap flow would be sufficient to provide a backup boron dilution path to preclude any boron concentration concerns.

A copy of the 50.59 that was performed to change the commitment has been attached for your information (Attachment #1).

Very truly yours,


J. W. Hampton

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June 23, 1994

cc: Mr. S. D. Ebnetter, Regional Administrator
U. S. Nuclear Regulatory Commission, Region II

Mr. L. A. Wiens, Project Manager
Office of Nuclear Reactor Regulation

Mr. P. E. Harmon
Senior Resident Inspector
Oconee Nuclear Site

From: Leonard A. Wiens (LAW)
To: DJH1
Date: Tuesday, August 16, 1994 10:19 am
Subject: DUKE^o POWER DOCUMENT

Doris: Regarding the DPC document dated June 23, 1994, subject "Response to Request For Additional Information" which included Attachment 1, which contained Proprietary Information. Attachment 1 is not necessary for NRC review. Therefore, the attachment can be returned to the licensee. Only the cover letter need be placed on the docket. I have informed the licensee.