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SUBJECT: Transmits results of insps during EOC-10 refueling outage as partial response to Item 2 of NRC Bulletin 88-008.

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 TITLE: Bulletin Response 88-08 - Thermal Stress in Piping to RCS.

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July 7, 1989

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

Subject: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287
Thermal Stresses in Piping Connected to
Reactor Cooling System (NRC Bulletin 88-08)

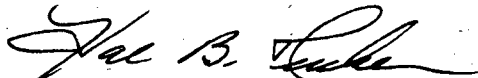
Gentlemen:

My letter of October 6, 1988 provided a response to Item 1 of the NRC Bulletin 88-08 concerning thermal stresses in piping connected to reactor cooling system (RCS). My response identified two portions of the high pressure injection (HPI) lines located between valves HP-152/HP-153 and the RCS which may be subject to the kind of thermal stresses described in Bulletin 88-08. Furthermore, I indicated that inspection of these pipings as required by Action Item 2 of the bulletin will be completed by the end of upcoming refueling outages for Oconee Unit 1, 2, and 3. The results of our inspections for Unit 1 were provided by my letter of March 10, 1989. The purpose of this letter is to transmit to you the results of our inspections during the Unit 2 EOC-10 refueling outage as a partial response to Item 2 of the bulletin.

Our review of portions of the HPI line between HP-152/HP-153 and the RCS identified eight piping welds for an augmented inspection. These welds, which are the only geometric discontinuities, and their heat-affected zones were determined to be the highest stress locations. Each identified weld on HPI lines for Unit 2 received a full volumetric ultrasonic inspection of the weld and base material. The examination of all eight welds was completed during the Unit 2 EOC-10 refueling outage and no reportable conditions were found.

I declare under penalty of perjury that the statements set forth therein are true and correct to the best of my knowledge.

Very truly yours,



Hal B. Tucker

MAH/11/td

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July 7, 1989

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