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L. T. Gucwa
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the southern electric system

NED-83-341

June 8, 1983

Director of Nuclear Reactor Regulation
Attention: Mr. John F. Stoiz, Chief
Operating Reactors Branch No. 4
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

NRC DOCKET 50-366
OPERATING LICENSE NPF-5
EDWIN I. HATCH NUCLEAR PLANT UNIT 2
REVISION TO THE ANALYSES AND REPAIRS ON LARGE-DIAMETER
PIPING WELDS SUBMITTAL AND RCS
LEAKAGE DETECTION SURVEILLANCE COMMITMENT

Gentlemen:

Georgia Power Company (GPC) submits as Attachment 1 to this letter the final version of the NUTECH design report for weld overlay repairs and flaw evaluations in Recirculation System and RHR System piping at Plant Hatch Unit 2. The final version of the design report supersedes the draft NUTECH design report submitted as Attachment 5 to our May 26, 1983 letter to you.

In Attachment 4 to the May 26, 1983 letter, GPC committed to augmenting leakage detection requirements for the reactor coolant system (RCS) as a result of the discovery of unacceptable pipe flaw indications in the Recirculation and RHR systems. These new requirements were intended to incorporate the surveillance frequencies suggested in Section IV.B.1.a.2 of NUREG-0313, Rev. 1. The NRC Hatch Licensing Project Manager has indicated, through conversation with GPC staff personnel, that additional commitments were required to meet the generic guidance stated in the subject NUREG. Enclosed as Attachment 2 is a copy of our letter to you dated June 2, 1983, which revises the requirements of RCS surveillance discussed in Attachment 4 to our May 26, 1983 letter.

Further, pursuant to a subsequent conversation with the NRC Hatch Licensing Project Manager on June 7, 1983, it was indicated that an additional commitment in addition to those in our May 25, 1983 and June 2, 1983 letters was required concerning RCS leakage detection system technical specifications. "Sensor" surveillance of the primary containment sump level and flow monitoring system was deemed necessary to assure operability. Consequently, GPC commits to performing a "sensor" check at least once per 4 hours for the primary containment sump level and flow monitoring system. This "sensor" check would be in addition to the surveillance already specified in Technical Specification 4.4.3.1.b and will be implemented at the time of restart following the current maintenance/refueling outage.

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This transmittal completes our submittal of information pertaining to the analyses and repairs of Recirculation System and RHR System piping welds observed to have flaw-like indications during the 1983 maintenance/refueling outage at Plant Hatch Unit 2.

A copy of this transmittal will be provided concurrently to the NRC regional office so they may assist in the review of the analyses and repairs performed.

Should you have any questions in this regard, please contact this office.

Sincerely yours,



L. T. Gucwa

JAE/mb

Attachments

xc: J. T. Beckham, Jr.
H. C. Nix, Jr.
J. P. O'Reilly (NRC- Region II)
Senior Resident Inspector