

J. T. Beckham, Jr.
Vice President—Nuclear
Hatch Project



Georgia Power

The Southern Electric System

HL-2080
003023

March 3, 1992

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

PLANT HATCH - UNITS 1, 2
NRC DOCKETS 50-321, 50-366
OPERATING LICENSES DPR-57, NPF-5
RESPONSE TO REQUEST FOR
INFORMATION ON WELD OVERLAY ACTIVITIES

TAC Nos. M82056, M80424

Gentlemen:

On February 12, 1992, NRC staff personnel verbally conveyed to GPC representatives two questions regarding previously applied weld overlays. This letter is provided in response to your request.

The first question concerned the weld techniques used to apply a full structural overlay to Unit 1 weld number 1E11-1RHR-20B-D-5. The discussion held on February 12 concluded that the proper technique had been utilized; however, the weld overlay design sketch previously submitted to the NRC was not sufficiently detailed to show the Inconel butter on the transition to valve 1E11-F067. This drawing (GPCO-20Q-14) has been revised and is included in the attached revision 3 of Structural Integrity Associates report SIR-91-077. No other changes were made to this report.

The second question during the February 12, 1992 phone call concerned the future inspectibility of Unit 2 weld number 2B21-1FW-12AA-8. During the Spring 1991 Unit 2 refueling outage, a weld overlay was applied to weld 2B21-1FW-12AA-9 on the ASME Class 1 feedwater system piping. This weld involves a safe-end to safe-end extension piece weld on the upstream side of the safe-end. On the downstream side of the weld, the overlay was blended into the transition of the safe-end. On the upstream side, the overlay extended into the area required for transducer placement for the adjacent weld 2B21-1FW-12AA-8. Weld 2B21-1FW-12AA-8 was ultrasonically examined prior to applying the adjacent weld overlay and found to contain no relevant indications. Based on the examination frequency specified in

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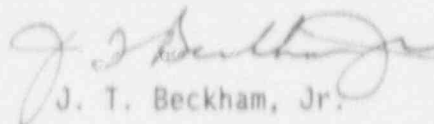
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GL 88-01 for Category D welds, this weld is not scheduled to be examined again until the Spring 1994 refueling outage. Some concern exists over the inspectability of this weld due to the proximity of the adjacent weld overlay. To address the inspectability concern, this weld will be evaluated during the upcoming Fall 1992 refueling outage to determine if adequate access is available to perform the required ultrasonic examinations. Based on this evaluation, a decision will be made as to the need for extending the length of the existing overlay to improve the inspectability of this weld or other appropriate action.

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

Sincerely,


J. T. Beckham, Jr.

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Attachment

cc: Georgia Power Company
Mr. H. L. Sumner, General Manager - Nuclear Plant
NORMS

U.S. Nuclear Regulatory Commission, Washington, D.C.
Mr. K. Jabbour, Licensing Project Manager - Hatch

U.S. Nuclear Regulatory Commission, Region II
Mr. S. D. Ibnetter, Regional Administrator
Mr. L. D. Wert, Senior Resident Inspector - Hatch