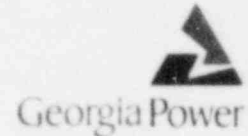


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L. T. Guwra
Manager Nuclear Safety
and Licensing



the southern electric system

SL-569
0369H

May 2, 1986

Director of Nuclear Reactor Regulation
Attention: Mr. D. Muller, Project Director
BWR Project Directorate No. 2
Division of Boiling Water Reactor Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

NRC DOCKET 50-321
OPERATING LICENSE DPR-57
EDWIN I. HATCH NUCLEAR PLANT UNIT 1
REPORT CLARIFICATION AND SUBMITTAL OF REVISED
DESIGN REPORT FOR CLASS 1 STAINLESS STEEL PIPING
AND COMPONENTS - 1985 MAINTENANCE/REFUELING OUTAGE

Gentlemen:

Enclosed herein for NRC review is Revision 2 to the Structural Integrity Associates (SIA)-prepared report SIR-86-002 originally submitted by Georgia Power Company (GPC) letter SL-461, dated March 10, 1986. Revision 2 of the SIA report supercedes Revision 0 provided in the aforementioned submittal and constitutes the final design report for repairs and analyses of stainless steel piping and components conducted during the Hatch Unit 1 1985 maintenance/refueling outage. A revision (i.e., Revision 1) to the SIA report was issued to GPC for review and comments after Revision 0 of the SIA report was submitted to the NRC. Revision 1 of the SIA report was not submitted to the NRC, since it was an intermediate version of the report and did not constitute the final design report. The conclusions reached in our submittal of March 10, 1986, remain unchanged as a result of Revision 2 of the SIA report. While the revision of the design report was issued primarily to incorporate editorial changes, the SIA report was also revised to address items not previously discussed in Revision 0 of the SIA design report; for example, the IHSI of the 28" Recirculation System safe end-to-nozzle welds and disposition of welding flaws observed in the weld overlay for RHR piping weld 1E11-1RHR-24B-R-12. These items were discussed in our meeting with NRC staff at your offices in Bethesda, Maryland, on Tuesday, March 18, 1986. Revised sections of the design report are noted in the "Revision Control Sheet" included therein.

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PDR ADOCK 05000321
P PDR

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Director of Nuclear Reactor Regulation
Attention: Mr. D. Muller, Project Director
BWR Project Directorate No. 2
May 2, 1986
Page Two

In addition to the submittal of Revision 2 of the SIA design report, enclosed is revised Figure 7.1 which supercedes the subject figure included in our March 10, 1986, submittal. Figure 7.1 depicts the "A" loop of the Recirculation and RHR systems. The notation for weld number 2 on Recirculation riser 12AR-J was inadvertently omitted from the subject figure in the aforementioned submittal. Please be advised that weld 12AR-J-2 was treated with IHSI during the outage. The post-IHSI ultrasonic examination indicated that the weld was free of reportable indications.

We wish to clarify a note in the legend for Figure 7.3 in the March 10, 1986, submittal. The subject figure depicts the Class 1 RWCU System stainless steel piping. The note under the legend for that particular figure indicates that piping welds not denoted by a symbol were treated with IHSI. While weld numbers 15B and 15C are specifically noted in Figure 7.3 as being inaccessible, the note in the legend implies that these welds were treated with IHSI, since they were not denoted by one of the symbols shown therein. Welds 15B and 15C were not treated with IHSI, since they are inaccessible due to their location within RWCU piping penetration X-14. These welds were addressed in the aforementioned meeting with NRC staff, and it was specifically indicated that welds 15B and 15C were not treated with IHSI due to their inaccessibility. We apologize for any confusion that the note in Figure 7.3 may have caused relative to RWCU piping welds 15B and 15C.

Seven copies of this letter and enclosures are provided for your convenience.

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

Sincerely yours,



L. T. Guwa

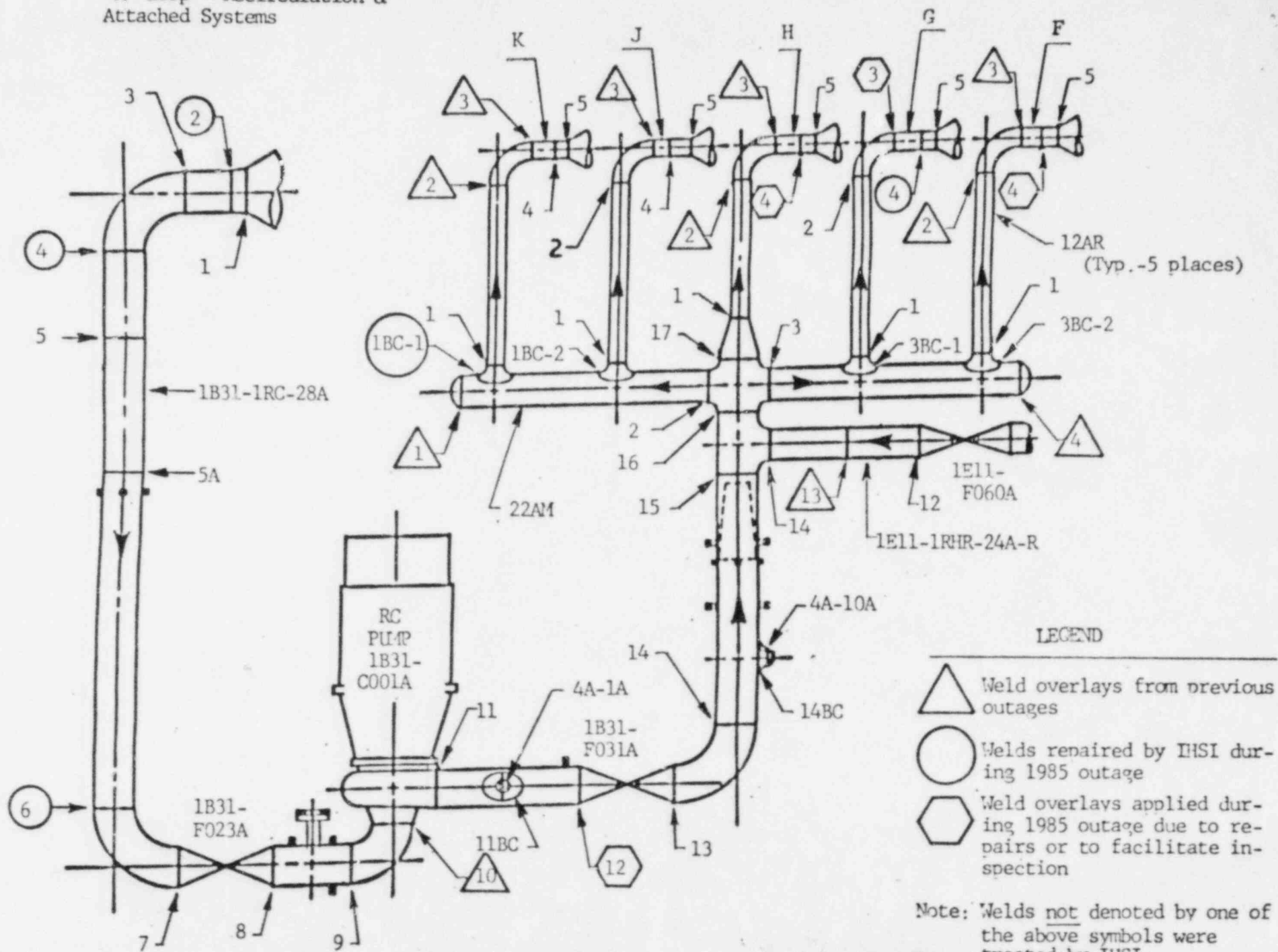
JAE/ht

Enclosures




: Mr. J. P. O'Reilly
Mr. J. T. Beckham, Jr.
Mr. H. C. Nix, Jr.
Dr. J. N. Grace (NRC-Region II) (4 copies)
Senior Resident Inspector
GO-NORMS

FIGURE 7.1

"A" Loop - Recirculation & Attached Systems



LEGEND

-  Weld overlays from previous outages
-  Welds repaired by IHSI during 1985 outage
-  Weld overlays applied during 1985 outage due to repairs or to facilitate inspection

Note: Welds not denoted by one of the above symbols were treated by IHSI