

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



May 30, 1995

Docket Nos. 50-321
50-366

HL-4846

TAC Nos. M69451
M69452

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

Edwin I. Hatch Nuclear Plant
Results of Unresolved Safety Issue A-46 Review

Gentlemen:

In accordance with Georgia Power Company's (GPC) September 16, 1992, response to Supplement No. 1 to Generic Letter (GL) 87-02 (Reference 1), GPC submits the enclosed two reports summarizing the results of the USI A-46 review for Plant Hatch Unit 1 and Unit 2. The programs for Unit 1 and Unit 2 successfully verify the seismic adequacy of the electrical and mechanical equipment covered by the Seismic Qualification Utility Group (SQUG) Generic Implementation Procedure (GIP), Revision 2 (Reference 2). Therefore, the completion of this program constitutes Plant Hatch's resolution of USI A-46.

The modifications associated with outliers identified during the evaluations of both units are partially complete with the remainder scheduled for completion in 1995. Work not requiring a design change will be completed using site maintenance work orders. Detailed information relative to the modifications is included in Appendix L of each unit's report. A complete list of references used in the evaluations is contained in the Reference section of each unit's report.

In the NRC's September 20, 1992, 120-day response to Supplement No. 1 to GL 87-02, (Reference 3), the Staff interpreted GPC's response as a commitment to the entire SQUG GIP, Revision 2, including both the SQUG commitments and the implementation guidance. In agreement with the Staff's interpretation, the Plant Hatch Unit 1 and Unit 2 evaluations were performed per Reference 2, as clarified and interpreted by NRC Supplemental Safety Analysis Report No. 2 (Reference 4), except as noted below.

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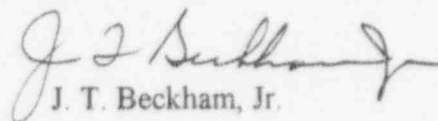
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An exception to the SQUG GIP criteria was taken in that a third-party review of the Unit 2 USI A-46 evaluation was not performed. The justification for omission of the third-party review is documented in detail in Section 4.9 of the enclosed Unit 2 report. In summary, the review was omitted for the following reasons:

1. An extensive third-party review was performed on the Unit 1 USI A-46 program. The third party review verified the expertise of the personnel performing the Unit 1 evaluations.
2. The same personnel who performed the Unit 1 evaluations performed the Unit 2 evaluations.
3. The Unit 2 safe shutdown equipment list (SSEL), with few exceptions, is identical to the Unit 1 SSEL equipment.
4. The Hatch Unit 1 and Unit 2 reactor buildings are essentially identical and have the same soil conditions. The control building, diesel generator building, and intake structure are shared by both Units 1 and 2.

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

Sincerely,


J. T. Beckham, Jr.

DLM/eb

References:

1. Letter from J. T. Beckham, Jr. (GPC) to NRC, Response to Supplement 1 to Generic Letter 87-02, "Verification of Seismic Adequacy of Mechanical and Electrical Equipment in Operating Reactors, Unresolved Safety Issue A-46," dated September 16, 1992.
2. "Generic Implementation Procedure for Seismic Verification of Nuclear Plant Equipment," Revision 2, Seismic Qualification Utility Group, corrected February 14, 1992.

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3. Letter from Kahtan N. Jabbour (NRC) to W. G. Hairston, III (GPC), "Evaluation of Plant Hatch Units 1 and 2, 120-Day Response to Supplement No. 1 to Generic Letter 87-02," dated November 20, 1992.
4. "Supplemental Safety Evaluation Report No. 2 on Seismic Qualification Utility Group's Generic Implementation Procedure," Revision 2, corrected February 14, 1992, for implementation of GL 87-02 (USI A-46), "Verification of Seismic Adequacy of Equipment in Older Operating Nuclear Plants," NRC, May 22, 1992.

Enclosures:

1. Plant Hatch Unit 1 Unresolved Safety Issue A-46 Review Summary Report
2. Plant Hatch Unit 2 Unresolved Safety Issue A-46 Review Summary Report

cc: Georgia Power Company

Mr. H. L. Sumner, Nuclear Plant General Manager
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. Ebnetter, Regional Administrator

Mr. B. L. Holbrook, Senior Resident Inspector - Hatch

Unresolved Safety Issue A-46

SUMMARY REPORT

EDWIN I. HATCH NUCLEAR PLANT

Unit 1

