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Georgia Power
the southern electric system

L. T. Gucwa
Manager Nuclear Safety
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December 30, 1987

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
DETAILED CONTROL ROOM DESIGN REVIEW
SUBMITTAL OF ENGINEERING REPORT

Gentlemen:

By letter dated December 23, 1986, Georgia Power Company (GPC) submitted a Summary Report on its Detailed Control Room Design Review (DCRDR) Program. The report described the methodology and approach, as well as a discussion of each of the 760 Human Engineering Discrepancies (HEDs) which had been identified. Approximately 630 of the HEDs were to be corrected with surface enhancements, required no corrective action, or had already been corrected at the time of our December 23, 1986 submittal. In the submittal we committed to supply an engineering report on the remaining 130 HEDs, some of which require hardware modifications. This report is provided in Enclosure 1.

Implementation of surface enhancements (which will resolve almost 300 of the 630 HEDs mentioned above) is proceeding on schedule. The corrective actions for Unit 1 HEDs will be completed by November 30, 1988, or Cycle 12 start-up (whichever is later). Unit 2 corrective actions relative to these HEDs will be completed by April 30, 1989 or Cycle 9 start-up (whichever is later). Unit 1 is currently operating in Cycle 11 and Unit 2 is scheduled to shutdown from Cycle 7 on January 13, 1988. Thus, when the surface enhancements are complete, approximately 630 HEDs will have been addressed.

Georgia Power Company plans to use panel overlays, similar to those existing, on the main consoles, rather than applying the surface enhancements directly on the panels. For reasons of coordination and focus, we prefer to finish these surface enhancements prior to doing systematic panel by panel instrument relocations. As you know, care

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needs to be taken when performing control room modifications to avoid "negative transfer" into a new panel arrangements. Flexibility in the program is important, particularly since control room modifications often can be performed only during scheduled outages. Therefore, GPC may change or modify the recommendations contained in the enclosed engineering report as the implementation phase progresses. In such a case we will notify the NRC.

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

Sincerely,

L. T. Gucwa

GKM/lc

Enclosure: DCRDR Final Report

c: Georgia Power Company
Mr. J. P. O'Reilly, Sr. Vice President - Nuclear Operations (w/o)
Mr. J. T. Beckham, Jr., Vice President - Plant Hatch (w/o)
GO-NORMS

U. S. Nuclear Regulatory Commission, Washington, D. C.
Mr. L. P. Crocker, Licensing Project Manager - Hatch

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Dr. J. N. Grace, Regional Administrator
Mr. P. Holmes-Ray, Senior Resident Inspector - Hatch

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