



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

September 23, 1997

50-321/366

Mr. H. L. Sumner, Jr.
Vice President - Hatch Project
Southern Nuclear Operating
Company, Inc.
P. O. Box 1295
Birmingham, Alabama 35201-1295

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING RESPONSE TO
GENERIC LETTER 96-06 - EDWIN I. HATCH NUCLEAR PLANT, UNITS 1 AND 2
(TAC NOS. M97478 AND M97479)

Dear Mr. Sumner:

By letter dated January 27, 1997, Georgia Power Company and Southern Nuclear Operating Company, Inc. (SNC) submitted its 120-day response to Generic Letter (GL) 96-06, "Assurance of Equipment Operability and Containment Integrity During Design Basis Accident Conditions." The submittal addresses the issues of water hammer, two-phase flow and thermally induced pressurization of piping runs penetrating the containment for the Edwin I. Hatch Nuclear Plant, Units 1 and 2.

In its submittal, SNC identified three pipe lines penetrating the containment that are susceptible to thermally induced pressurization and were evaluated for operability for each unit. These lines are associated with penetrations for the residual heat removal shutdown cooling suction line, the drywall floor drain sump discharge line, and the drywall equipment drain sump discharge line. SNC further committed to complete the appropriate corrective actions for these pipe lines prior to the restart from the spring 1997 refueling outage for Unit 2 and during the fall 1997 outage for Unit 1.

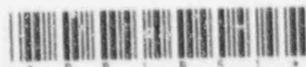
In order for the NRC staff to complete its review of SNC's response to GL 96-06, additional information is needed regarding your evaluation of these pipe lines. Therefore, we request that you provide summaries of your evaluations of the above mentioned three pipe lines penetrating the containment for each unit. The summaries should describe the method of analysis, including the assumptions used in the analysis, and the results. You should provide fabrication drawings of the piping sections evaluated and discuss how the criteria used for the evaluations meet the licensing basis criteria for the Hatch facility. You should also provide the schedule for the completion of any modifications that may be required.

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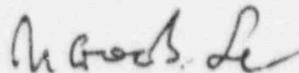


Mr. H. L. Sumner, Jr.

- 2 -

We request that you provide the above information within 30 days from receipt of this letter. If you have any questions on this matter, please contact me at (301) 415-1458.

Sincerely,



Ngoc B. Le, Project Manager
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket Nos. 50-321 and 50-336

cc: See next page

Edwin I. Hatch Nuclear Plant

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September 23, 1997

We request that you provide the above information within 30 days from receipt of this letter. If you have any questions on this matter, please contact me at (301) 415-1458.

Sincerely,

ORIGINAL SIGNED BY:

Ngoc B. Le, Project Manager
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket Nos. 50-321 and 50-366

cc: See next page

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* See Memo from KManoly to HBerkow dated 9/4/97

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