Georgia Power Company
40 Inverness Center Parkway
Post Office Box 1295
Birmingham, Alabama 35201
Telephone 205 877-7279

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

Georgia Power
the southern electric system

September 19, 1996

Docket No. 50-366

HL-5236

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

Edwin I. Hatch Nuclear Plant - Unit 2
Response to Draft 1982-83 Precursor Report

Gentlemen:

By letter dated May 9, 1996, the Nuclear Regulatory Commission (NRC) provided Georgia Power Company (GPC) portions of the draft Accident Sequences Precursor (ASP) Report for 1982-83. The NRC indicated the analyses documented in the draft ASP report for 1982-83 were performed primarily for historical purposes to obtain the 2 years of precursor data which were previously missing from the NRC's ASP Program. The NRC requested GPC voluntarily submit any comments with regard to the documented events, realizing extensive changes in plant design, procedures and operating practices implemented since 1982-83 may reduce the probability of, or preclude, the occurrence of similar events at the present time.

Georgia Power Company reviewed the events documented in the draft report, and as a result of the review, identified additional information that will eliminate Event B.48, as a precursor.

Event B.48, "Trip with RHRSW Pumps A & C unavailable," is associated with Licensee Event Report (LER) Nos. 366/82-061, 82-059, and 82-103. The LERs document residual heat removal service water (RHRSW) system unavailabilities on June 17 and 18, June 27, and August 16-18, 1982. On June 18, 1982, a reactor scram occurred. Because the LER does not document the time the system was returned to service, the NRC analysis of the event assumes the reactor scram occurred while division I of the RHRSW system was unavailable. With this assumption, the analysis results indicate a conditional core damage probability of 7.2×10^{-4}.

Shift operator logs for June 18, 1992, show that division I of the RHRSW system was returned to service at 08:45 and the scram occurred at 21:00; therefore, the RHRSW system was available when the scram occurred. The criteria for categorizing an event as an accident sequence precursor (ASP) is provided in the ASP report, NUREG/CR 4674.

1/0

A001

According to the criteria, Event B.48 would not be classified as an ASP, because the RHRSW system was available when the scram occurred. Based on this information, GPC requests Event B.48 be deleted from the 1982-83 ASP report.

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

Sincerely,

J. T. Beckham, Jr.

DLM/eb

cc: *Georgia Power Company*
Mr. H. L. Sumner, Jr., 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. Ebneter, Regional Administrator
Mr. B. L. Holbrook, Senior Resident Inspector - Hatch