

Georgia Power Company  
250 Peachtree Street  
Post Office Box 4545  
Atlanta, Georgia 30302  
Telephone 404 522-6060

TIC  
50-334  
366

REGIONAL REGIONAL  
ATLANTA



Georgia Power  
the southern electric system

Power Generation Department

March 6, 1980

03-MAR-80 P 2:35

U. S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region II - Suite 3100  
101 Marietta Street, NW  
Atlanta, Georgia 30303

REFERENCE:  
RII: JPO  
50-321/50-366  
I&E Bulletin 79-01B

ATTENTION: Mr. James P. O'Reilly

Gentlemen:

The following is submitted as a partial response to your letter dated January 17, 1980, which transmitted I&E Bulletin 79-01B, "Environmental Qualification of Class 1E Equipment". This submittal provides the information requested in items 1, 2 and 3 of the bulletin for all applicable Hatch Unit 1 components except those in the NSSS vendor scope of supply. A complete response for Hatch Units 1 and 2 was not possible at this time due to the enormous number of manhours involved in gathering and reviewing the information requested. The response for the Hatch Unit 2 components and the completion of the Unit 1 components will be provided with the 90-day response to items 4 and 5 of the bulletin.

The following is a summary discussion of the enclosed responses for action items 1, 2 and 3 as identified in the bulletin:

1. Enclosure 1 provides the master list of all engineering safety feature systems required to function under postulated accident conditions.

The cover sheet (page 1) for each individual system in enclosure 2 provides the listing of Class 1E components that are required to function under accident conditions.

2. Enclosure 2 provides Class 1E component listing for each system and the component environmental evaluation work sheets.

Enclosure 2 also identifies Class 1E components that do not have adequate qualification data at this time. In these cases an evaluation, in addition to requesting a document search of the supplier is underway. Further information on the qualification of these components will be submitted with the 90-day report.

Enclosure 3 provides test profiles that are referenced in Enclosure 2. These profiles are extracted from the manufacturer's test reports.

OFFICIAL COPY  
800401011a

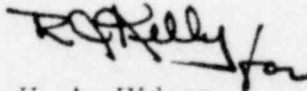
U. S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region II - Suite 3100  
March 6, 1980  
Page 2

3. Enclosure 4 provides accident temperature profiles for all compartments subsequent to a LOCA/HELB. These profiles are referenced in Enclosure 2. The peak calculated compartment pressures subsequent to a HELB are identified in Enclosure 2 with appropriate references to the FSAR.

A reanalysis for HELB was performed for various compartments to generate time/temperature profiles. During this reanalysis we have identified higher than FSAR quoted temperatures in Reactor Building RWCU Heat Exchanger room, Elv. 158' and Elv. 185'. Enclosure 2 covers environmental evaluations to the higher temperatures.

If you have any questions or comments in this regard, please contact my office.

Very truly yours,



W. A. Widner  
Vice President and General Manager  
Nuclear Generation

JAB/mb

Enclosures

xc: Director of the Office of Inspection and Enforcement