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February 7, 1984

Director of Nuclear Reactor Regulation
Attention: Ms. Elinor G. Adensam, Chief
Licensing Branch 4
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

File: X2BE02
Log: GN-315

- REFERENCES:
- (1) GN-248 dated August 5, 1983
 - (2) GN-252 dated August 19, 1983
 - (3) GN-255 dated September 8, 1983
 - (4) GN-269 dated October 27, 1983
 - (5) NRC letter dated December 12, 1983

NRC DOCKET NUMBERS 50-424 AND 50-425
CONSTRUCTION PERMIT NUMBERS CPPR-108 AND CPPR-109
VOGTLE ELECTRIC GENERATING PLANT - UNITS 1 AND 2
COMPACTION AROUND PIPES IN CATEGORY 1 BACKFILL

Dear Ms. Adensam:

Pursuant to our telecon with Ms. Miller and Mr. Kane of the NRC staff on January 23, 1984, Georgia Power Company is adding the following clarification to reference 5 above.

Page 1, Paragraph 2, should read as follows:

Your letter of October 27, 1983 indicated your intent to place lean concrete in the trenches to the bottom of safety-related pipes, backfilling between pipes with Category 1 backfill material and compacting it using wooden tampers, hand-held power tampers and hand-held vibratory compactors. Category 1 backfill material compacted between and immediately around pipes by wooden tampers shall have a fines content below 10 percent. An average of 97% of the maximum dry density (ASTM D 1557) will be specified for the backfill with no test below 93% and not more than 10% of the tests to be below 95% in a set of 20 tests.

Page 1, Paragraph 5, should read as follows:

- a. A static cone penetrometer reading of 200 will be used to decide on the concrete sand fill in the limited spaces where backfill is placed between non-safety-related piping. A static cone penetrometer reading, to be developed from correlation with sand cone tests on the Category 1 backfill material being used, will be utilized to decide

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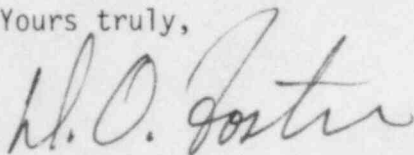
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on the adequacy of the Category 1 backfill material in the limited spaces where backfill is placed between safety-related piping. In all other areas where the backfill will be placed which would include both nonsafety-related piping and safety-related piping in Category 1 backfill areas, the sand cone method of testing will be used to demonstrate the attainment of the required compaction criteria.

Although not specifically mentioned in the subject telecon, it should be noted that the wooden tamper method, which is primarily to be used with safety-related piping may also be used with non-safety-related piping. This was stated in reference 2.

We will include this revised procedure in the next amendment to the FSAR as requested in the December 12, 1983 NRC letter.

Yours truly,



D. O. Foster

DOF/JAB/js

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