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September 20, 1985

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: X7N00-19
Log: GN-698

NRC DOCKET NUMBERS 50-424 AND 50-425
CONSTRUCTION PERMIT NUMBERS CPPR-108 AND CPPR-109
VOGTLE ELECTRIC GENERATING PLANT - UNITS 1 AND 2
FSAR AMENDMENT NUMBER 19

Dear Mr. Denton:

Georgia Power Company, acting on its own behalf and as agent for Oglethorpe Power Corporation, Municipal Electric Authority of Georgia, and the City of Dalton, Georgia, hereby submits Amendment 19 to the Vogtle Electric Generating Plant (VEGP) Final Safety Analysis Report (FSAR).

This amendment consists of revised pages for the FSAR and provides revisions as documented in previous letters to the NRC and as dictated by design and/or operational updates. A listing of these letters and updates are itemized in Attachment 1. Also included are instructions for inserting the Amendment 19 FSAR changes.

In accordance with the requirements of 10 CFR 54.30 (b) and (c), three (3) signed originals and sixty (60) copies of Amendment 19 are submitted for your use.

Should you have any questions on the enclosed submittals, do not hesitate to contact me.

Yours truly,

D. O. Foster

SWORN AND SUBSCRIBED BEFORE ME, THIS
5th DAY OF September, 1985

Notary Public, Georgia State at Large

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Notary Public, Georgia, State at Large
My Commission Expires Jan. 7, 1987

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ATTACHMENT 1

<u>REFERENCE LETTER</u>	<u>REASON FOR SUBMITTAL</u>
GN-630, Bailey to Denton, 5/30/85	Draft SER OI 105
GN-647, Bailey to Denton, 6/25/85	Chapter 13 changes and OI 11
GN-688, Bailey to Denton, 8/21/85	CI 22
GN-689, Bailey to Denton, 8/21/85	OI 11
<u>FSAR SECTION</u>	<u>REASON FOR CHANGE</u>
Figure 1.1-1, 9.4.1, and Q311.6	Reflect emergency plan
Figure 1.2.2-1, Figure 8.1-1	Reflect current design
1.9.37, 1.9.68	Regulatory Guide clarification
1.9.82, 6.2.2, 6.3.2, and Q480.18	Sump analysis, OI 3, GN-690, Bailey to Denton, 8/23/85
Table 1.9-1, 3.7.N	Addition of code cases, Novak to Foster, 3/18/85
3.5.1	Reflect current design
3.7.4	Reflect current design
3.8.1	Reflect current design
3.9.B.3, 6.2.5, 6.4.5	Reflect proposed Technical Specifications
Table 3.11.B.1-1	Reflect 50.49 submittal, GN-701, 9/13/85
4.2	Reflect fuel assembly axial load change
4.3.2	Reflect use of born and control rods for xenon build-up
5.2.2.10	CI 17 resolution (WCAP 10529 is generic, updated 5.2.2.10 is plant specific)
5.3.1	Reflect updated procedures
5.4.2, 5.4.11	Clarification
5.4.7, Table 5.4.7-4	Reflect current design and editorial correction

<u>FSAR SECTION</u>	<u>REASON FOR CHANGE</u>
Tables 6.1.1-1, 6.1.1-2	Update ESF materials tables
6.2.1	Additional analysis for feedwater line break
Table 6.2.4-1	Reflect purge valve design
7.1, 7.2, 7.6	Update of Chapter 7 to be consistent with Chapter 8
Table 7.5.5-1	Reflect current design
7.6.1	Clarification
8.3.1, 15.0.8	Consistent with response to Q440.83
8.3.1, Q430.69	Reflect current design
8.3.1	Clarification of cable tray fire boundaries
8.3.2	Clarification of battery sizing and definition of "fully charged"
9.1, 9.2, 9.3, 9.4, 9.5	Reflect current design
9.2.1, Table 9.2.1-2	Revised for editorial and train oriented consistency
9.2.5	Clarification
9.2.10	Consistent with Chapter 14
9.3.2	Revised to be consistent with GN-646, Bailey to Denton, 6/20/85
9.5.6	Clarification
10.2.3	Consistent with response to Q430.50
10.3.2, 10.3.5	Editorial correction
10.4.5	Clarification
11.2.1, Tables 11.2.1-1 & 3, Q460.16	Reflect current design
11.4.2, Table 11.4.2-2	Clarification
12.1.1, 12.5.1	Clarification and correction of inconsistencies
12.2.1	Calibration source change

<u>FSAR SECTION</u>	<u>REASON FOR CHANGE</u>
12.5.2, Table 12.5.2-2, 12.5.3	Reflect current inventory, current procedures and provide clarification
13.2.1, Tables 13.2.1-5 & 6	Addition of new table and editorial corrections to reflect addition of table
13.2.2	Editorial correction
Tables 14.2.1-1 & 2	Editorial correction
14.2.8.1.20, 14.2.8.1.22, 14.2.8.1.25, 14.2.8.1.26, 14.2.8.1.27, 14.2.8.1.28, 14.2.8.1.29, 14.2.8.1.38, 14.2.8.1.40, 14.2.8.1.41, 14.2.8.1.59, 14.2.8.1.76, 14.2.8.1.82	Reflect current design and preoperational test procedures
14.2.8.2.2, 14.2.8.2.12, 14.2.8.2.15, 14.2.8.2.17, 14.2.8.2.20, 14.2.8.2.23, 14.2.8.2.25, 14.2.8.2.34, 14.2.8.2.41	Reflect current startup test procedures
15.2.8	Reflect current EOPs
Tables 15.6.2-3 & 4	Update activity tables
15.6.5 and Table 15.6.5-7	Update activity tables
17.2.7, 17.2.12	Clarification and reflection of current VEGP organization
18.1.2	Reflect current design
Q210.40, Q281.8	Editorial correction
Q281.10	Consistent with resolution of CI 32, GN-692, Bailey to Denton, 8/23/85
Q281.12, Q460.14	Reflect current design
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