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D. O. Foster  
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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  
5<sup>th</sup> 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

Director of Nuclear Reactor Regulation  
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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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