

Georgia Power Company  
333 Piedmont Avenue  
Atlanta, Georgia 30308  
Telephone 404 526-3848

Mailing Address:  
40 Inverness Center Parkway  
Post Office Box 1295  
Birmingham, Alabama 35201  
Telephone 205 868-5540

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the southern electric system

R. P. McDonald  
Executive Vice President  
Nuclear Operations

ELV-05346  
003265

Docket Nos. 50-424  
50-425

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

VOGTLE ELECTRIC GENERATING PLANT  
FUEL RECONSTITUTION METHODOLOGY APPLICATION

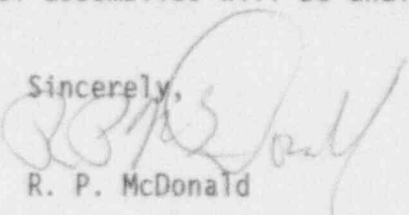
Gentlemen:

By letter ELV-04052 dated November 5, 1992, Georgia Power Company (GPC) requested a change to the fuel assembly description in section 5.3.1 of the Technical Specifications for the Vogtle Electric Generating Plant (VEGP). The requested change will allow the limited substitution of zirconium alloy or solid filler rods for fuel rods in accordance with NRC-approved applications of fuel rod configurations that have been analyzed with NRC staff-approved methods.

During the current refueling outage on VEGP Unit 1, one fuel assembly will be reconstituted using one stainless steel solid filler rod. The effects of the reconstituted assembly have been evaluated using the methods described in Westinghouse WCAP 13060-P. Attached to this letter is a summary report describing the methodology and results of the analyses of the reconstituted fuel assembly. An evaluation of the core design using the reconstituted assembly has been completed according to WCAP 9272-P-A, which confirms that the core design remains bounded by the existing safety analyses.

In accordance with the wording of the proposed Technical Specification change, future evaluations of reconstituted fuel assemblies will be analyzed in a similar manner.

Sincerely,

  
R. P. McDonald

RPM/HWM/gmb

Enclosure

xc: Georgia Power Company

Mr. W. B. Shipman

Mr. M. Sheibani

NORMS

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PDR ADOCK 05000424  
P PDR

U. S. Nuclear Regulatory Commission

Mr. S. D. Ebnetter, Regional Administrator

Mr. D. S. Hood, Licensing Project Manager, NRR

Mr. B. R. Bonser, Senior Resident Inspector, Vogtle

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