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C. K. McCoy
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Vogtle Project



February 25, 1993

ELV-05260
003097

Docket Nos. 50-424
50-425

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

VOGTLE ELECTRIC GENERATING PLANT
REQUEST FOR ADDITIONAL INFORMATION
TECHNICAL SPECIFICATION CHANGES FOR OPDT AND OTDT

Gentlemen:

Georgia Power Company (GPC) letter ELV-04004, dated September 17, 1992, requested a revision to the overpower delta-T (OPDT) and overtemperature delta-T (OTDT) reactor trip functions. Enclosure 2 of letter ELV-04004 reported the results of an analysis of the steamline break coincident with rod withdrawal and an evaluation of the steamline break superheat event.

In response to questions, GPC letter ELV-05232 stated that the analyses to support the proposed Technical Specification changes used the same methods as those currently used for the Vogtle Electric Generating Plant (VEGP) licensing basis. The following additional information is being provided regarding the methods used.

The safety evaluation performed to support the changes to the OTDT and OPDT reactor trip functions was based on the analyses performed in support of the VEGP uprating. Georgia Power Company letter ELV-04004 reported an analysis of the steamline break with coincident rod withdrawal and an evaluation of the steamline break superheat event. The steamline break with coincident rod withdrawal analysis was performed using the same methods as used in the current approved licensing basis analyses and in the analyses performed to support an uprated power condition. The analysis was performed using the LOFTRAN computer code which has been previously reviewed and approved by the NRC.

The evaluation of the steamline break superheat event was based on VEGP-specific analyses which were performed in support of an uprated power condition using the methods described in WCAP-10961, Revision 1, "Steamline Break Mass/Energy Releases for Equipment Environmental Qualification Outside Containment". WCAP-10961, Revision 1 was submitted to the NRC for approval and

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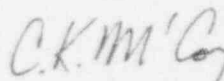
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has been used as the licensing basis for steamline breaks outside containment for several Westinghouse PWRs.

Sincerely,


C. K. McCoy

CKM/RJF/gmb

xc: Georgia Power Company
Mr. W. B. Shipman
Mr. M. Sheibani
NORMS

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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