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The southern electric system

ELV-00615
1483n

June 16, 1989

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

PLANT VOGTLE - UNITS 1, 2
NRC DOCKETS 50-424, 50-425
OPERATING LICENSES NPF-68, NPF-81
NRC BULLETIN 89-01: FAILURE OF WESTINGHOUSE
STEAM GENERATOR TUBE MECHANICAL PLUGS

Gentlemen:

In the subject bulletin, the NRC requested that PWR licensees and construction permit holders determine whether certain mechanical plugs identified as susceptible to primary water stress corrosion cracking (PWSCC) are installed in their steam generators. If such plugs are installed, the NRC requested that an action plan be implemented to ensure that those plugs will continue to provide adequate assurance of reactor coolant system pressure boundary integrity under normal operating, transient, and postulated accident conditions.

Georgia Power Company (GPC) has determined that none of the tube plugs identified as susceptible to PWSCC are installed in the Vogtle steam generators. Actions 1, 2.d and 2.e are, therefore, the only actions requested in the bulletin which apply to Plant Vogtle. GPC's responses to Actions 1, 2.d, and 2.e are provided in the following paragraphs.

Action Requested

1. "Addressees are requested to verify that information contained in References 1 and 2 relating specifically to their plants is correct for plugs supplied from heat numbers 3279, 3513, 3962, and 4523. The specific information to be verified is the number of Westinghouse mechanical plugs installed in the hot and cold legs broken down by steam generator number, heat number, and date of installation. If information from these references is incorrect, appropriate corrections should be identified. Addressees are requested to so state if their plants have have not installed Westinghouse mechanical plugs from the subject heats."

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Response

References 1 and 2 of Bulletin 89-01 indicate that plugs from heat numbers 3279, 3513, 3962, and 4523 are not installed in any of the Vogtle steam generators. GPC has verified that this information is correct. GPC has installed a total of six Westinghouse mechanical tube plugs in Vogtle steam generators (two plugs in Unit 1 and four plugs in Unit 2); however, all of these plugs are from heat number NX2387 and none are from the heat numbers referenced in Bulletin 89-01.

Action Requested

2.d "Installation of Westinghouse mechanical plugs from heats 3279, 3513, 3962, and 4523 should be discontinued."

Response

GPC will not install any Westinghouse mechanical plugs from heat numbers 3279, 3513, 3962, or 4523 in the Vogtle steam generators.

Action Requested

2.e "Westinghouse mechanical plugs removed from steam generators, regardless of heat number, should be examined for PWSCC on a sample basis for each heat. Addressees should maintain a record of these examinations and the results should be provided to Westinghouse to improve the database concerning the susceptibility of plugs to PWSCC."

Response

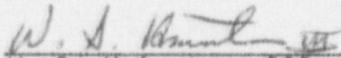
GPC has not removed any Westinghouse mechanical plugs from the Vogtle steam generators at this time. GPC will ensure that Westinghouse mechanical plugs removed from the Vogtle steam generators, regardless of heat number, will be examined for PWSCC on a sample basis for each heat. GPC will maintain a record of these examinations and the results will be provided to Westinghouse to help improve the database concerning the susceptibility of plugs to PWSCC.

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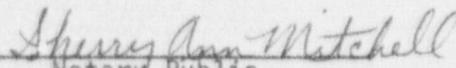
This submittal completes the reporting requirements of NRC Bulletin 89-01 for Vogtle Units 1 and 2. Please contact this office if you have any questions.

Mr. W. G. Hairston, III states that he is a Senior Vice President of Georgia Power Company and is authorized to execute this oath on behalf of Georgia Power Company and that, to the best of his knowledge and belief, the facts set forth in this letter are true.

GEORGIA POWER COMPANY

By: 
W. G. Hairston, III

Sworn to and subscribed before me this 16th day of June, 1989.


Notary Public

MY COMMISSION EXPIRES DEC. 15, 1992

WGH, III / JH/gm

xc: Georgia Power Company
Mr. C. K. McCoy
Mr. G. Bockhold, Jr.
Mr. J. P. Kane
NORMS

U. S. Nuclear Regulatory Commission
Mr. S. D. Ebnetter, Regional Administrator
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Mr. J. F. Rogge, Senior Resident Inspector, Vogtle