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Southern Nuclear Operating Company

the southern electric system

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Docket Nos.: 50-348
50-364

10 CFR 50.54

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555-0001

Joseph M. Farley Nuclear Plant
60-Day Response to Generic Letter 95-07
Pressure Locking and Thermal Binding Of
Safety-Related Power-Operated Gate Valves

Ladies and Gentlemen:

By letter dated August 17, 1995, the NRC issued Generic Letter 95-07, "Pressure Locking and Thermal Binding of Safety-Related Power-Operated Gate Valves," requiring actions to be taken by utilities regarding the susceptibility and evaluation of power-operated gate valves to the phenomena of pressure locking and thermal binding (PLTB). The Generic Letter (GL) requested licensees provide a 60-day response outlining plans for implementing the actions requested, and provide a schedule for implementing actions requested; or provide an alternative course of action with schedule and safety basis for acceptability of the alternative course of action. Summarized below is the Southern Nuclear Operating Company (SNC) 60-day response for the Farley Nuclear Plant (FNP).

SNC-FNP will implement the following actions in response to GL 95-07 within 90 days of the issuance of the GL:

1. Screening criteria will be established and screening performed for determining the potential susceptibility of safety-related power-operated gate valves to PLTB.
2. Valves determined to be potentially susceptible to PLTB will be reviewed for operability and appropriately dispositioned. The basis and results of this disposition will be documented.

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SNC-FNP will implement the following actions in response to GL 95-07 within 180 days of the issuance of the GL:

1. Evaluations of operational configurations will be conducted to identify valves susceptible to PLTB.
2. Appropriate analyses or corrective actions will be planned or undertaken to ensure valves identified as susceptible to PLTB are capable of performing their intended safety-functions. SNC-FNP will provide a schedule for implementing any modifications that may be required in the 180 day response.

In addition, SNC-FNP is participating in the Westinghouse Owners Group (WOG) PLTB Program. The WOG is working to develop a standardized methodology to address this issue and the results of this effort will be factored in the FNP program as deemed appropriate.

Should you have any questions, please advise.

Respectively submitted,

SOUTHERN NUCLEAR OPERATING COMPANY

04 May
Dave Morey

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SWORN TO AND SUBSCRIBED BEFORE ME

THIS 13th DAY OF October, 1995

Martha Gayle Dow
Notary Public

My Commission Expires: Nov. 1, 1997

cc: Mr. S. D. Ebnetter, Region II Administrator
Mr. B. L. Siegel, NRR Senior Project Manager
Mr. T. M. Ross, Plant Resident Inspector