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SOUTHERN COMPANY
Energy to Serve Your World℠

May 9, 2001

Docket No.: 50-364

NEL-01-0109

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

Joseph M. Farley Nuclear Plant Unit 2
Relief Request Related to IEEE 279-1971, Section 4.7.3
Requirements for Steam Generator Water Level Control & Protection Systems

Ladies and Gentlemen:

By letter dated April 29, 1997, as supplemented by letter dated July 25, 1997, Southern Nuclear Operating Company requested relief from certain control/protection system interaction requirements of IEEE 279-1971, Section 4.7.3, as it applies to the steam generator water level control system and the steam generator level protection system functions (e.g., reactor trip). In letter dated September 4, 1997, the NRC Staff approved use of interim administrative controls, in lieu of meeting the single failure requirements of IEEE 279-1971, until the Farley steam generator replacement outages. The Unit 2 steam generators have been replaced, and the modified configuration of protection channel III steam generator steam flow and narrow range level instrumentation complies with IEEE 279-1971, Section 4.7.3. Therefore, the interim administrative controls for steam generator water level control are no longer required for Unit 2.

The Unit 1 steam generator replacements and instrumentation modifications were completed last year (ref. SNC to NRC letter dated June 22, 2000). This letter contains no NRC commitments. If there are any questions, please advise.

Respectfully submitted,

Dave Morey

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cc: Southern Nuclear Operating Company
Mr. L. M. Stinson, General Manager – Farley

U. S. Nuclear Regulatory Commission, Washington, D. C.
Mr. F. Rinaldi, Licensing Project Manager – Farley

U. S. Nuclear Regulatory Commission, Region II
Mr. L. A. Reyes, Regional Administrator
Mr. T. P. Johnson, Senior Resident Inspector – Farley