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Southern Nuclear Operating Company
the southern electric system

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Vice President
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Docket Nos. 50-348
50-364

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

Joseph M. Farley Nuclear Plant
Spent Fuel Pool Cooling

Ladies and Gentlemen:

As a result of a recent review of the spent fuel pool design, the NRC Staff verbally requested confirmation of the temperatures maintained in the spent fuel pool during the normal full core offload. Based on interviews of Farley operators, normal operating temperature of the Farley Unit 1 and Unit 2 spent fuel pools, including the time when the full core is off loaded, is less than 140°F. This temperature is maintained with only one train of spent fuel pool cooling. Additionally, both trains of spent fuel pool cooling are normally available when the full core is off loaded. However, it should be noted that maintenance on spent fuel pool cooling supporting systems, e.g., service water or component cooling water, does occur during the period the full core is off loaded.

If there are any questions, please advise.

Respectfully submitted,

Dave Morey

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cc: Mr. S. D. Ebnetter
Mr. B. L. Siegel
Mr. T. M. Ross

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