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December 14, 2006

Docket No.: 50-364

NL-06-2741

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

Joseph M. Farley Nuclear Plant – Unit 2
Notification of Change in the Emergency Response Data System

Ladies and Gentlemen:

In accordance with 10 CFR 50, Appendix E, VI.3.b, this letter serves as notification of hardware and software changes, "with the exception of data point modifications, that could affect the transmission format and computer communication protocol to the ERDS," and fulfills the requirement to report such changes at least 30 days prior to the modification.

This notification is due to the replacement of the Plant Process Computer, including a new operating system and software, which impacts the ERDS (Emergency Response Data System) function. The plant computer network will also be upgraded to current technology allowing greater bandwidth and potential for future expansion. The plant computer and corresponding network changes do not affect the Unit 1 ERDS function.

The Unit 2 installation is scheduled to begin January 30, 2007.

This letter contains no NRC commitments. If you have any questions, please advise.

Sincerely,

A handwritten signature in cursive script that reads "H. L. Sumner".

H. L. Sumner, Jr.

HLS/JLS/daj

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cc: Southern Nuclear Operating Company
Mr. J. T. Gasser, Jr., Executive Vice President
Mr. J. R. Johnson, General Manager – Plant Farley
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U. S. Nuclear Regulatory Commission
Dr. W. D. Travers, Regional Administrator
Ms. K. R. Cotton, NRR Project Manager – Farley
Mr. C. A. Patterson, Senior Resident Inspector – Farley