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January 6, 2010



*Energy to Serve Your World*  
NL-10-0005

Docket Nos.: 50-348  
50-364

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

Joseph M. Farley Nuclear Plant - Units 1 and 2  
Emergency Response Data System  
Data Point Library Modification

Ladies and Gentlemen:

In accordance with the requirements of 10CFR50, Appendix E, Section VI, Item 3a, Southern Nuclear Operating Company is submitting changes to the Joseph M. Farley Nuclear Plant Unit 1 and Unit 2 Emergency Response Data System (ERDS) data point library. This change, to use data points which receive digital signals from field instruments, is being made because the previously used data points received analog signals which are less accurate. The following ERDS data points have been assigned to transmit meteorological tower data from the Integrated Plant Computer:

New Digital Signal Data Points

- WINDSPD-35P (WS 35' – Pri Met)
- WINDSPD-150P (WS 150' – Pri Met)
- WINDDIR-35P (WD 35' – Pri Met)
- WINDDIR-150P (WD 150' – Pri Met)

Previous Analog Signal Data Points

- WS35FT (Wind Speed 35 FT Elevation)
- WS150FT (Wind Speed 150 FT Elevation)
- WD35FT (Wind Direction 35 FT Elevation)
- WD150FT (Wind Direction 150 FT Elevation)

The changes were implemented on December 11, 2009.

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

Sincerely,

A handwritten signature in black ink that reads "M. J. Ajluni".

M. J. Ajluni  
Manager - Nuclear Licensing

MJA/JLS/phr

cc: Southern Nuclear Operating Company  
Mr. J. T. Gasser, Executive Vice President  
Mr. J. R. Johnson, Vice President – Farley  
Ms. P. M. Marino, Vice President – Engineering  
RTYPE: CFA04.054

U. S. Nuclear Regulatory Commission  
Mr. L. A. Reyes, Regional Administrator  
Mr. R. E. Martin, NRR Project Manager – Farley  
Mr. E. L. Crowe, Senior Resident Inspector – Farley