



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

January 31, 2008

Mr. J. Randy Johnson
Vice President - Farley
Joseph M. Farley Nuclear Plant
7388 North State Highway 95
Columbia, AL 36319

SUBJECT: JOSEPH M. FARLEY NUCLEAR PLANT UNIT 1 AND 2 - DISTRIBUTION OF REVISION 2 OF THE NRC'S SIGNIFICANCE DETERMINATION PROCESS RISK-INFORMED INSPECTION NOTEBOOKS, AND ACCOMPANYING PHASE 2 PRE-SOLVED TABLES (TAC NO. MD6415)

Dear Mr. Johnson:

In 2004, the U.S. Nuclear Regulatory Commission (NRC) requested information from licensees to support the Significance Determination Process (SDP) Risk-Informed Inspection Notebook (notebook) enhancement/standardization effort. The NRC has completed revision 2 of the notebooks for Joseph M. Farley Nuclear Plant (FNP) Unit 1 and 2. The NRC developed these notebooks to facilitate Phase 2 of the NRC inspection finding SDP detailed in Inspection Manual Chapter 0609, "Significance Determination Process," Appendix A, "Determining the Significance of Reactor Inspection Findings for At-Power Situations." SECY-99-007A, "Recommendations for Reactor Oversight Process Improvements," set forth this process and additional details are included in the NRC Inspection Manual Chapter 0308, "Reactor Oversight Process Basis Document." NRC inspectors and risk analysts, who have extensive understanding of plant-specific design features and operation, are expected to use these notebooks. The notebooks will be updated on a case-by-case basis as needed to reflect changes to the facilities.

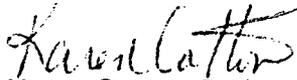
Revision 2 of the notebooks is accompanied by the Site-Specific Pre-Solved Spreadsheet (the Spreadsheet). The NRC added the Spreadsheet to help reduce the time it takes to process inspection findings. The NRC benchmarked the notebooks against licensee Probability Risk Assessments and plant configurations. The enclosed compact disk (CD) containing the above documents is provided for your use to facilitate your understanding of the SDP in Inspection Manual Chapter 0609.

**The enclosure transmitted herewith
contains security-related information.
When separated from the enclosure,
this document is decontrolled.**

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The information on the enclosed CD is designated exempt from public disclosure pursuant to Section 2.390(d)(1) of Title 10 of the *Code of Federal Regulations* since it contains security-related information.

Sincerely,



Karen Cotton, Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-348 and 50-364

Enclosure: **Official Use Only - Security-Related Information**
CD with FNP Unit 1 and 2 SDP Revision 2 notebooks and
Site-Specific Pre-Solved Spreadsheets

cc w/o encl: See next page

Joseph M. Farley Nuclear Plant, Units 1 & 2

cc w/o enclosure:

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