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April 7, 2006



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NL-06-0691

Docket Nos.: 50-321  
50-366

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

Edwin I. Hatch Nuclear Plant  
Updated Significance Determination Process Information

Ladies and Gentlemen:

By letter dated September 2, 2004, letter from Mr. Michael Tschiltz, Chief of the Probabilistic Safety Assessment Branch, the NRC requested that certain Probabilistic Risk Assessment (PRA) information be provided for use in updating the Significance Determination Process (SDP) risk-informed inspection notebooks for Southern Nuclear Operating Company's (SNC) three plants. By letter dated February 24, 2005 (NL 05-0269), SNC noted that the requested information would be provided as it became available upon the completion of the respective revised plant PRA models. The PRA model revision has recently been completed for the Edwin I. Hatch Nuclear Plant (HNP).

Enclosed is a compact disc containing the requested information for HNP. As stated in the September 2, 2004 request for information, the NRC has made a preliminary determination, in accordance with the provisions of 10 CFR 2.390, that the information requested and the SDP notebooks may relate to a plant's physical protection. In accordance with this determination, this information has been marked as "proprietary information" and should be withheld from public disclosure.

Sincerely,

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

H. L. Sumner, Jr.

HLS/JMG/sdl

Enclosures: Response Key – Hatch Notebook Update for Revision 2 Benchmark Request  
CD of Response Documentation

AP01

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cc: Southern Nuclear Operating Company  
Mr. J. T. Gasser, Executive Vice President  
Mr. D. R. Madison, General Manager – Plant Hatch  
RTYPE: CHA02.004

U. S. Nuclear Regulatory Commission

Dr. W. D. Travers, Regional Administrator (w/o Enclosures)

Mr. C. Gratton, NRR Project Manager – Hatch

Mr. D. S. Simpkins, Senior Resident Inspector – Hatch (w/o Enclosures)

Mr. M. D. Tschiltz, Deputy Director, Risk Assessment (w/o Enclosures)

Mr. M. X. Franovich, Division of Risk Assessment (w/o Enclosures)

Mr. R. L. Perch, Probabilistic Safety Assessment Branch

Mr. R. H. Bernhard, NRC Region II, SRA