

Southern Nuclear Operating Company
Post Office Box 1295
Birmingham, Alabama 35201
Telephone (205) 868-5131



Southern Nuclear Operating Company

the southern electric system

Dave Morey
Vice President
Farley Project

June 7, 1994

Docket No.: 50-348

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

Joseph M. Farley Nuclear Plant - Unit 1
Input Files for Probabilistic Risk Assessment (PRA)

Gentlemen:

By letter dated March 2, 1994, the NRC requested Southern Nuclear Operating Company (SNC) assistance to support preparation of an NRC version of the Farley Nuclear Plant (FNP) Unit 1 Probabilistic Risk Assessment (PRA). Specifically, SNC was requested to provide a copy of the Unit 1 PRA input files to facilitate NRC creation of an independent model using the SAPHIRE code. Once created, this NRC PRA would become part of a library of models considered representative of various plant types. These models would allow risk quantification to facilitate NRC evaluation of actual plant occurrences or generic issues.

This letter provides the computer discs containing the Unit 1 PRA files to the NRC Project Manager for FNP. Based on discussions with EG&G, it is our understanding that the NRC and NRC contractors have sufficient expertise to adapt the FNP data to the SAPHIRE code with minimal assistance from SNC staff (i.e., approximately 3 person days). It should be noted that the FNP PRA model provided to the NRC is a snapshot of the plant as configured on May 1, 1991. Should you require updated information in the future, please address your request to the Vice President, Farley Project.

We understand that a copy of the FNP PRA created using the SAPHIRE code will be provided to SNC, including any future updates of the software and modules. In addition, we further understand that SNC would have an opportunity to review and comment on the results of the NRC-created FNP PRA.

If you have further questions, please advise.

Respectfully submitted,

Dave Morey

DPH/clt:pranrc.doc

Enclosure

cc: Mr. S. D. Ebnetter w/o Enclosure
Mr. B. L. Siegel w/o Enclosure
Mr. T. M. Ross w/o Enclosure

9406150180 940607
PDR ADDCK 05000348
PDR

A001
1/0