

May 26, 2004

Mr. Deepak Rao
Entergy Nuclear - South
Mail Unit M-ECH-36
P. O. Box 31995
Jackson, MS 39286-1995

Dear Mr. Rao:

Per your request, enclosed is a compact disk containing the Low Power Shutdown (LP/SD) Standardized Plant Analysis Risk (SPAR) model for Grand Gulf and the SAPHIRE 6.80 suite of PRA codes. Also enclosed is a copy of the user's manual for the Grand Gulf LP/SD SPAR model. The SAPHIRE code suite is required to perform analyses with the LP/SD SPAR model. Both of the software packages are in the form of executable files that can be run directly from the compact disk. These items are for your organization's use only and are not to be distributed further without the consent of the NRC. Also please note that the information contained in the SPAR model is considered sensitive and should be treated accordingly .

These software packages are provided to facilitate the onsite QA review of the LP/SD model with your PRA staff, which is scheduled for June 15 -17, 2004. The LP/SD SPAR model is considered interim, and should be used by your staff analysts with appropriate discretion.

Questions about the LP/SD SPAR model should be directed to Mr. William Galyean, INEEL, at (208) 526-0627 (wgj@inel.gov). Questions about the SAPHIRE code suite should be directed to Mr. Ted Wood, INEEL, at (208) 526-8729 (stw@inel.gov). Comments and suggestions may also be directed to either of these gentlemen or to Dr. Patrick O'Reilly, NRC project manager for SPAR model development, at (301) 415-7570 (pdo@nrc.gov).

If you are interested in receiving on-going technical support for SAPHIRE, you are invited to join the SAPHIRE Users' Group. Mr. John Schroeder, INEEL, at (208) 526-8755 (roe@inel.gov) can provide more details about the group and the services offered.

Due to the potential sensitivity of the information contained in the Enclosures, they are not publicly available.

Sincerely,

/RA/

Charles E. Ader, Director
Division of Risk Analysis and Applications
Office of Nuclear Regulatory Research

Enclosures: As stated

cc: N. Kalyanam, NRR/LPD4-1 (w/o enclosures)

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REMARKS Letter to Mr. D. Rao - Per your request, enclosed is a compact disk containing the Low Power Shutdown (LP/SD), Standardized Plant Analysis Risk (SPAR) model for Grand Gulf and the SAPHIRE 6.80 suite of probabilistic risk assessment (PRA) computer codes. Also enclosed is a copy of the user's manual for the Grand Gulf LP/SD model.					
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