

March 26, 2003

Dr. Gerald Sowers
Section Leader, PRA
Palo Verde Nuclear Generating Station
Mail Station 7527
5801 South Winterburg Road
Tonopah, AZ 85354

Dear Dr. Sowers:

Per your request, enclosed is a compact disk containing the Low Power / Shutdown (LP/SD) Standardized Plant Analysis Risk (SPAR) model for Palo Verde 1, 2, & 3. Also enclosed is a copy of the user's manual for the Palo Verde 1, 2, & 3 LP/SD SPAR model. The SAPHIRE code suite, which is required to perform analyses with the LP/SD SPAR model, was previously sent to you. The LP/SD SPAR model software package is in the form of an executable file that can be run directly from the compact disk. This item is for your organization's use only and is 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 .

This software package is provided to facilitate the onsite QA review of this model with your PRA staff and the benchmarking of this model against your LP/SD PRA model for Palo Verde 1, 2, & 3, which will be scheduled at your convenience later in 2003. The LP/SD SPAR model is considered interim, and should be used by your staff analysts with appropriate discretion.

Question 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).

G. Sowers

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

Sincerely,

/RA/

Scott F. Newberry, Director
Division of Risk Analysis and Applications
Office of Nuclear Regulatory Research

Enclosures: As stated

cc: J. Donohew, NRR/LPD4-2 (w/o enclosures)

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REMARKS

Letter to Mr. G. Sowers - Per your request, enclosed is a compact disk containing the Low Power Shutdown (LP/SD) Standardized Plant Analysis Risk (SPAR) model for Palo Verde 1, 2, & 3. Also enclosed is a copy of the user's manual for the Palo Verde 1, 2, & 3 LP/SD SPAR model.

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