November 25, 2002

Mr. Greg Krueger
Exelon Nuclear
Nuclear Engineering Division
Mid Atlantic Regional Operating Group
200 Exelon Way, KSA 2-N
Kennett Square, PA 19348

Dear Mr. Krueger:

Enclosed is a compact disk containing the Level 1, Revision 3i Standardized Plant Analysis Risk (SPAR) model for Peach Bottom 2 & 3 and the SAPHIRE 6.75 suite of probabilistic risk assessment (PRA) computer codes. Also enclosed is a copy of the user's manual for the Peach Bottom 2 & 3 SPAR model. The SAPHIRE code suite is required to perform analyses with the Revision 3i SPAR model. Both of these 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 your participation in our onsite QA review of the SPAR model for Peach Bottom 2 & 3, currently scheduled for December 2002. At that time, the Revision 3i ("i" denotes "interim") SPAR model for Peach Bottom 2 & 3 will be reviewed with your PRA staff and benchmarked against your PRA model for these units. Until this review and benchmarking have been conducted and the SPAR model revised to reflect the results of the review, the model is considered to be interim, and should be used by your staff analysts with appropriate discretion.

Questions about the model should be directed to Mr. Robert Buell of the Idaho National Engineering and Environmental Laboratory (INEEL) at (208) 526-9400 (buelrf@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,

Original Signed By

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

Enclosures: As stated

cc: J. Boska, NRR/LPD1-2 (w/o enclosures)

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REMARKS

Letter to Mr. G. Krueger - Per your request, enclosed is a compact disk containing the Level 1, Revision 3i Standardized Plant Analysis Risk (SPAR) model for Peach Bottom 2 & 3 and the SAPHIRE 6.75 suite of probabilistic risk assessment (PRA) computer codes. Also enclosed is a copy of the user's manual for the Peach Bottom 2 & 3 SPAR model.

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