

June 25, 2003

Mr. Alex Knoll  
Exelon Nuclear  
Peach Bottom Atomic Power Station  
1848 Lay Road - SMB3-6  
Delta, PA 17314

Dear Mr. Knoll:

Per your request, enclosed is a compact disk containing the Low Power Shutdown (LP/SD) Standardized Plant Analysis Risk (SPAR) model for the Peach Bottom 2 & 3 and SAPHIRE 6.75 Suite of PRA Codes. Also, a copy of the user's manual for Peach Bottom 2 & 3 LP/SD SPAR model is enclosed. 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, and the benchmarking of this model against your LP/SD PRA for Peach Bottom 2 & 3, which will be scheduled later this year. 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 be directed to these gentlemen, or to Dr. Patrick O'Reilly, NRC Project Manager for SPAR Model Development, at (301) 415-7570 (pdo@nrc.gov).

A. Knoll

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

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

Sincerely,

/RA/

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Office of Nuclear Regulatory Research

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1. Eli Goldfeiz - Concur - <b>Fill in Y or N for OAR in ADAMS and Publicly Available</b>				EBG	6/25
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<b>REMARKS</b>					
<p>Letter to Mr. A. Knoll - Per your request, enclosed is a compact disk containing the LP RSD Standardized Plant Analysis Risk (SPAR) model for Peach Bottom 2 &amp; 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 &amp; 3 SPAR model.</p>					
<b>FROM: (Name, org. symbol, Agency/Post)</b>				<b>Room # - Bldg.</b>	
				<b>Phone #</b>	