March 31, 2005

Mr. Ken Byrd
First Energy Operating Company
Mail Stop 3105
5501 North State Route 2
Oak Harbor, OH 43449

Dear Mr. Byrd:

Enclosed is a compact disk containing the Low Power Shutdown (LP/SD) Standardized Plant Analysis Risk (SPAR) model for the Davis-Besse plant and the SAPHIRE 7.25 suite of PRA codes. 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 <u>sensitive</u> 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 shutdown PRA for Davis-Besse, which will be scheduled later this year at your convenience. 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. Dan Henry, Idaho National Laboratory (INL), at (208) 526-6010 (daniel.henry@inel.gov). Questions about the SAPHIRE code suite should be directed to Mr. Ted Wood, INL, at (208) 526-8729 (ted.wood@inl.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).

<u>Due to the potential sensitivity of the information contained in the Enclosure, it is not publicly available.</u>

Sincerely,

/RA/

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

Enclosure: As stated

cc: J. Hopkins, NRR/LPD 3-2 (w/o enclosure)

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