

December 20, 1999

CCN: # 00-002553

Mr. Yehia F. Kahlil
Supervisor Probabilistic Risk Assessment
Millstone Nuclear Station
Building 475, 2nd floor
PO Box 128
Waterford, Connecticut

TRANSMITTAL OF SAPHIRE CODE AND THE MILLSTONE 2 REV 3i SPAR MODEL,
JCN W6467

Dear Mr. Khalil:

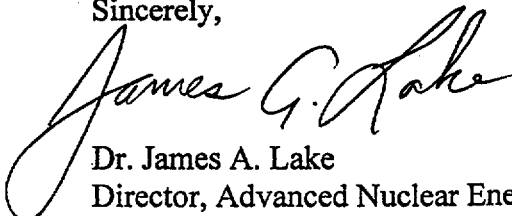
In response to your request, and at the direction of Mr. Thomas King of the U.S. Nuclear Regulatory Commission (NRC), enclosed is a compact disk containing the Millstone 2 Revision 3i (interim) Standardized Plant Analysis Risk (SPAR) Model and a copy of the computer code SAPHIRE 6.65. Both of these software packages are 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.

The Millstone 2 Revision 3i SPAR model has gone through an Idaho National Engineering and Environmental Laboratory (INEEL) in-house review and was reviewed by a team from the INEEL, NRC Headquarters and Region I, with assistance from you and your staff. This version reflects the findings of that review. However, this is an interim product and the model should be used in accordance with the caution that is displayed upon opening the model.

Questions about the models and software should be directed to Mr. Jim Knudsen at (208) 526-8841 (jkk@inel.gov) or Mr. Marty Sattison at (208) 526-9626 (sbm@inel.gov). Comments and suggestions may also be directed to either of these gentlemen or to Edward Rodrick (NRC/RES project manager for SPAR model development).

If you are interested in receiving on-going technical support for SAPHIRE, you are invited to join the SAPHIRE Users' Group. Mr. Knudsen can provide more details about the group and the services offered.

Sincerely,



Dr. James A. Lake
Director, Advanced Nuclear Energy