

May 7, 2002

Dr. Yehia F. Khalil
Supervisor, PRA
Dominion Nuclear Connecticut
Millstone Station
Rope Ferry Road
Waterford, CT 06385

Dear Dr. Khalil:

Per your request, enclosed is a compact disk containing the Level 1, Revision 3i Standardized Plant Analysis Risk (SPAR) model for the Millstone 2 plant and the SAPHIRE 6.74 suite of probabilistic risk assessment (PRA) computer codes. Also enclosed is a copy of the user's manual for the Millstone 2 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 the Mitigating System Performance Index (MSPI) Pilot Program being conducted by the NRC's Reactor Oversight Process. Next week, the Revision 3i ("i" denotes "interim") SPAR model for Millstone 2 will be reviewed with your PRA staff and benchmarked against your PRA model for the plant. 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 (rbuel@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).

Dr. Y. Khalil

2

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: R. Ennis, NRR/PD1-2

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: R. Ennis, NRR/PD1-2

Distribution:

OERAB RF Public
 DRAA RF
 File Center
 JStrosnider/AThadani, RES
 DMarksberry, RES
 MJohnson, NRR
 PWilson, NRR (SRA)
 CCarpenter, NRR
 DCoe, NRR
 JClifford, NRR
 WLanning, RGN-I
 JTrapp, RGN-I (SRA)
 BSienel, SRI

DOCUMENT NAME: A:\LICTRANSMNS2.WPD

To receive a copy of this document, indicate in the box "C" = Copy w/encl "E" = Copy w/encl "N" = No copy

OFFICE	OERAB	E	OERAB	E	DRAA	C
NAME	PO'Reilly		PBaranowsky		SNewberry	
DATE	5/7/02		5/7/02		5/7/02	

OFFICIAL RECORD COPY

OAD in ADAMS (Y or N)?	Y	Publicly Available (Y or N)?	Y
-------------------------------	----------	-------------------------------------	----------

Template Number: RES-006 Accession Number: ML021280065 RES Code No: 2C-3

ROUTING AND TRANSMITTAL SLIP				Date 5/7/2002	
TO: (Name, office symbol, room #, building, agency/post)				Initials	Date
1. Pat O'Reilly - Concur - Fill in Y or N for OAR in ADAMS and Publicly Available					
2. Pat Baranowsky - Concur					
3. Scott Newberry - Signature					
4. Nancy - Distribute - Fill in Template Number, Accession Number and RES Code Number					
5.					
6.					
7.					
8.					
9.					
	Action		File		Note and Return
	Approval		For Clearance		Per Conversation
	As Requested		For Correction		Prepare Reply
	Circulate		For Your Information		See Me
	Comment		Investigate	X	Concurrence/Signature
	Coordination		Justify		
REMARKS					
<p>Letter to Dr. Yehia F. Khalil - Per his request, we are enclosing a compact disk containing the Level 1, Revision 3i Standardized Plant Analysis Risk (SPAR) model for the Millstone 2 plant and the SAPHIRE 6.74 suite of probabilistic risk assessment (PRA) computer.</p>					
FROM: (Name, org. symbol, Agency/Post)				Room # - Bldg.	
				Phone #	