

August 1, 2002

Mr. Greg Gibson
AWS D3D
Southern California Edison
5000 Pacific Coast Highway South
San Clemente, CA 92672

Dear Mr. Gibson:

Per your request, enclosed is a compact disk containing the Level 1, Revision 3 Standardized Plant Analysis Risk (SPAR) model for San Onofre 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 San Onofre 2 & 3 SPAR model. The SAPHIRE code suite is required to perform analyses with the Revision 3 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. The Revision 3 SPAR model for San Onofre 2 & 3 has been reviewed with your PRA staff and benchmarked against your PRA model for the plant. Subsequent to this review and benchmarking, the SPAR model: (1) was revised to address comments and issues identified during the review, (2) now yields results which are in reasonable agreement with those produced by your PRA model, and (3) has no associated outstanding modeling issues. For these reasons, we are certifying that the San Onofre 2 & 3 SPAR model meets all Revision 3 SPAR model quality assurance (QA) criteria and is therefore acceptable for unrestricted use by your staff analysts.

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).

G. Gibson

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: J. Donoghue, NRR/LPD4

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. Donoghue, NRR/LPD4

Distribution:

OERAB RF	PWilson, NRR (SRA)
DRAA RF	CCarpenter, NRR
File center	DCoe, NRR
Public	RGramm, NRR
JStrosnider/AThadani, RES	AHowell, RGN-IV
DMarksberry, RES	TPruett, RGN-IV (SRA)
CHolden, NRR	DLoveless, RGN-IV (SRA)
MJohnson, NRR	COsterholty, SRI

DOCUMENT NAME: A:\SANONOFRELTR.WPD

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

OFFICE	OERAB	E	OERAB	E	OERAB	C	OERAB	C	DRAA	C
NAME	PO'Reilly		EGoldfeiz		MCheck		PBaranowsky		SNewberry	
DATE	8/1/02		8/1/02		8/1/02		8/1/02		8/1/02	

OFFICIAL RECORD COPY

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

Template Number: **RES-006** Accession Number: **ML022130303** RES Code No: **2C-3**

ROUTING AND TRANSMITTAL SLIP				Date 7/15/2002	
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				PO	8/1
2. Eli Goldfeiz - Concur				EBG	8/1
3. Mike Cheek - Concur				MCC	8/1
4. Pat Baranowsky - Concur				MCC for PWB	8/1
5. Scott Newberry - Signature				SFN	8/1
6. Nancy - Distribute - Fill in Template Number, Accession Number and RES Code Number				NLL	8/1
7.					
8.					
9.					
10.					
	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 Mr. G. Gibson - Per your request, enclosed is a compact disk containing the Level 1, Revision 3i Standardized Plant Analysis Risk (SPAR) model for San Onofre 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 San Onofre 2 & 3 SPAR model.</p>					
FROM: (Name, org. symbol, Agency/Post)				Room # - Bldg.	
				Phone #	

