

January 30, 1998

Mr. Harold B. Ray  
Executive Vice President  
Southern California Edison Company  
San Onofre Nuclear Generating Station  
P. O. Box 128  
San Clemente, California 92674-0128

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION - PROPOSED TECHNICAL  
SPECIFICATION AMENDMENT TO INSTALL DIGITAL RADIATION MONITORS  
FOR SAN ONOFRE NUCLEAR GENERATING STATION, UNITS 2 AND 3  
(TAC NOS. MA0234 AND MA0235)

Dear Mr. Ray:

Enclosed is a request for additional information (RAI) related to Southern California Edison's October 17, 1997, letter requesting NRC approval to install digital radiation monitors at the San Onofre Nuclear Generating Station, Units 2 and 3, for both trains supplying the containment purge isolation signal. Included in this letter was Calculation J-SPA-289, "ESFAS Radiation Monitor Software Common Mode Failure Evaluation." In this calculation, a number of other documents were referenced. To complete its review of the proposed license amendment, the staff will need certain of these referenced documents as listed in the attached RAI. Please provide your response to the RAI within 30 days from the date of this letter. Please call me at (301) 415-3062 if clarification of this request is required.

Sincerely,

Original Signed By  
Mel B. Fields, Project Manager  
Project Directorate IV-2  
Division of Reactor Projects III/IV  
Office of Nuclear Reactor Regulation

Docket Nos. 50-361  
and 50-362

Enclosure: Digital Monitor RAI

DISTRIBUTION:

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PDIV-2 R/F ACRS  
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DOCUMENT NAME: Digital.459

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Mr. Harold B. Ray

- 2 -

January 30, 1998

cc:

Mr. R. W. Krieger, Vice President  
Southern California Edison Company  
San Onofre Nuclear Generating Station  
P. O. Box 128  
San Clemente, California 92674-0128

Chairman, Board of Supervisors  
County of San Diego  
1600 Pacific Highway, Room 335  
San Diego, California 92101

Alan R. Watts, Esq.  
Woodruff, Spradlin & Smart  
701 S. Parker St. No. 7000  
Orange, California 92668-4702

Mr. Sherwin Harris  
Resource Project Manager  
Public Utilities Department  
City of Riverside  
3900 Main Street  
Riverside, California 92522

Regional Administrator, Region IV  
U.S. Nuclear Regulatory Commission  
Harris Tower & Pavilion  
611 Ryan Plaza Drive, Suite 400  
Arlington, Texas 76011-8064

Mr. Terry Winter  
Manager, Power Operations  
San Diego Gas & Electric Company  
P.O. Box 1831  
San Diego, California 92112-4150

Mr. Steve Hsu  
Radiologic Health Branch  
State Department of Health Services  
Post Office Box 942732  
Sacramento, California 94234

Resident Inspector/San Onofre NPS  
c/o U.S. Nuclear Regulatory Commission  
Post Office Box 4329  
San Clemente, California 92674

Mayor  
City of San Clemente  
100 Avenida Presidio  
San Clemente, California 92672

Mr. Dwight E. Nunn, Vice President  
Southern California Edison Company  
San Onofre Nuclear Generating Station  
P.O. Box 128  
San Clemente, California 92674-0128

REQUEST FOR ADDITIONAL INFORMATION

PROPOSED TECHNICAL SPECIFICATION AMENDMENT ON DIGITAL MONITORS

SAN ONOFRE NUCLEAR GENERATING STATION, UNITS 2 AND 3

DOCKET NOS. 50-361 AND 50-362

In the October 17, 1997, letter, certain documents are referenced on pages 25 through 27 of Calculation J-SPA-289, which will be required to complete the review of the license amendment. Please provide the documents listed below:

<u>#</u>	<u>Ref.</u>	<u>Document Number</u>	<u>Title</u>
1	6.4.1	SCE VPL No. S0123-606-1-8 Rev. 1	RMS Software Quality Assurance Plan
2	6.4.2	SCE VPL No. S0123-606-1-9 Rev. 0	RMS Protocol Technical Specifications
3	6.4.3	SCE VPL No. S0123-606-1-10 Rev. 1	System Software Requirements Specifications
4	6.4.4	SCE VPL No. S0123-606-1-15 Rev. 1	DRMS Software Verification and Validation Plan
5	6.4.5	SCE VPL No. S0123-606-1-98 Rev. 1	DU General Software Design Description
6	6.4.10	SCE VPL No. S0123-606-1-346 Rev. 0	LPU General Software Design Description
7	6.4.11	SCE VPL No. S0123-606-1-359 Rev. 1	Electromagnetic Interference (EMI) Test Report on the Radiation Monitoring System
8	6.4.12	SCE VPL No. S0123-606-1- 367-0	Software Verification and Validation Final Report
9	6.5.4	SCE Analysis J-SPA-269 Rev.0	ESFAS Radiation Monitor Single Failure Analysis
10	6.5.10	SCE Document 90010A	Nuclear Consolidated Database Document
11	6.5.11	SCE Report No. NSG-97-001	Software Reliability Assessment of Radiation Monitoring System, February 24, 1997



12	6.5.12	SCE Report No. 900400 Rev. 0	Software Evaluation Report
13	6.5.13	SCE Report No. 900402 Rev. 0	Software Configuration Data Base
14	6.5.16	SCE Topical QA Manual Chapter I-J Rev. 4	
15	6.5.8	SONGS UFSAR	Reference the appropriate sections of the UFSAR relied upon in this analysis. Do not provide an actual copy of these sections.