

September 7, 2004

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

SUBJECT: SAN ONOFRE NUCLEAR GENERATING STATION (SONGS) - NRC BULLETIN
2003-01 RE: POTENTIAL IMPACT OF DEBRIS BLOCKAGE ON EMERGENCY
SUMP RECIRCULATION AT PRESSURIZED-WATER REACTORS
(TAC NOS.MB9610 AND MB9611)

Dear Mr. Ray:

On June 9, 2003, then Nuclear Regulatory Commission (NRC) issued NRC Bulletin 2003-01, "Potential Impact of Debris Blockage on Emergency Sump Recirculation at Pressurized-Water Reactors," requesting licensee's to (1) state that the emergency core cooling system (ECCS) and containment spray system (CSS) recirculation functions have been analyzed with respect to the potentially adverse post-accident debris blockage effects identified in the Bulletin and are in compliance with all existing applicable regulatory requirements, or (2) describe any interim compensatory measures that have been implemented or that will be implemented to reduce the interim risk associated with potentially degraded or nonconforming ECCS and CSS recirculation functions until an evaluation to determine compliance is complete. By letter dated August 8, 2003, Southern California Edison Company provided its 60-day response to NRC Bulletin 2003-01 for the SONGS, Units 2 and 3.

The NRC staff has completed its preliminary review of your submittal, and has identified a number of items for which additional information is needed to complete the review. As discussed with Mr. Jack Rainsberry of your staff on August 30, 2004, we request that you respond within 30 days of receipt of this request for additional information to support our closeout goal. If you have any questions, please contact me at (301) 415-8450.

Sincerely,

/RA/

Bo M. Pham, Project Manager, Section 2
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-361 and 50-362

Enclosure: Request for Additional Information

cc w/encl: See next page

September 7, 2004

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

SUBJECT: SAN ONOFRE NUCLEAR GENERATING STATION (SONGS) - NRC BULLETIN
2003-01 RE: POTENTIAL IMPACT OF DEBRIS BLOCKAGE ON EMERGENCY
SUMP RECIRCULATION AT PRESSURIZED-WATER REACTORS
(TAC NOS.MB9610 AND MB9611)

Dear Mr. Ray:

On June 9, 2003, then Nuclear Regulatory Commission (NRC) issued NRC Bulletin 2003-01, "Potential Impact of Debris Blockage on Emergency Sump Recirculation at Pressurized-Water Reactors," requesting licensee's to (1) state that the emergency core cooling system (ECCS) and containment spray system (CSS) recirculation functions have been analyzed with respect to the potentially adverse post-accident debris blockage effects identified in the Bulletin and are in compliance with all existing applicable regulatory requirements, or (2) describe any interim compensatory measures that have been implemented or that will be implemented to reduce the interim risk associated with potentially degraded or nonconforming ECCS and CSS recirculation functions until an evaluation to determine compliance is complete. By letter dated August 8, 2003, Southern California Edison Company provided its 60-day response to NRC Bulletin 2003-01 for the SONGS, Units 2 and 3.

The NRC staff has completed its preliminary review of your submittal, and has identified a number of items for which additional information is needed to complete the review. As discussed with Mr. Jack Rainsberry of your staff on August 30, 2004, we request that you respond within 30 days of receipt of this request for additional information to support our closeout goal. If you have any questions, please contact me at (301) 415-8450.

Sincerely,

/RA/

Bo M. Pham, Project Manager, Section 2
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-361 and 50-362

Enclosure: Request for Additional Information

cc w/encl: See next page

DISTRIBUTION

PUBLIC	RidsNrrDlpmLpdiv (Hberkow)	RidsRgn4MailCenter (KKennedy)
PDIV-2 r/f	RidsAcrsAcnwMailCenter	RidsNrrPMBPham
GHill (4)	RidsNrrLADBaxley	RidsOgcRp
RidsNrrDlpmLpdiv2(RGramm)	RidsDlpmDpr	

ACCESSION NO: ML042510487 Nrr-088 *Concurred per input memo

OFFICE	PDIV-2/PM	PDIV-1/LA	*SPLB/SC	PDIV-2/SC
NAME	BPham:mp	DBaxley	JHannon	RGramm
DATE	9/7/04	9/3/04	8/19/04	9/7/04

OFFICIAL RECORD COPY

DOCUMENT NAME: C:\ORPCheckout\FileNET\ML042510487.wpd

REQUEST FOR ADDITIONAL INFORMATION (RAI)

SAN ONOFRE NUCLEAR GENERATING STATION (SONGS), UNITS 2 AND 3

SOUTHERN CALIFORNIA EDISON COMPANY

NRC BULLETIN 2003-01: POTENTIAL IMPACT OF DEBRIS BLOCKAGE ON EMERGENCY

SUMP RECIRCULATION AT PRESSURIZED-WATER REACTORS (PWRs)

DOCKET NOS. 50-361 AND 50-362

By letter dated August 8, 2003, Southern California Edison Company (SCE or the licensee) provided its 60-day response to NRC Bulletin 2003-01 for SONGS, Units 2 and 3. The NRC staff has completed its preliminary review of your response and requests the following additional information to complete our review:

1. On page 5 of Attachment 1 of your Bulletin 2003-01 response, you state: "Licensed operator requalification training will be completed by November 30, 2003 to address loss of flow/loss of pump suction while in recirculation mode of emergency core cooling. The training will address indications of sump clogging and subsequent Severe Accident Management Guidelines." However, your response does not completely discuss the operator training to be implemented. Please provide a detailed discussion of the operating procedures to be implemented, the indications of sump clogging that the operators are instructed to monitor, and the response actions the operators are instructed to take in the event of sump clogging and loss of ECCS recirculation capability.
2. On page 1 of Attachment 1 of your Bulletin 2003-01 response you state: "Additionally, Westinghouse is evaluating potential changes to the guidance in CEN-152. SCE plans to review the potential changes after they become available and make procedural modifications as appropriate." The Westinghouse Owners Group (WOG) has developed operational guidance in response to Bulletin 2003-01 for Westinghouse and Combustion Engineering type PWRs. Please provide a discussion of your plans to consider implementing this new WOG guidance. Include a discussion of the WOG recommended compensatory measures that have been or will be implemented at your plant, and the evaluations or analyses performed to determine which of the WOG recommended changes are acceptable at your plant. Provide technical justification for those WOG recommended compensatory measures not being implemented by your plant. Also include a detailed discussion of the procedures being modified, the operator training being implemented, and your schedule for implementing these compensatory measures.

3. NRC Bulletin 2003-01 provides possible interim compensatory measures licensees could consider to reduce risks associated with sump clogging. In addition to those compensatory measures listed in Bulletin 2003-01, licensees may also consider implementing unique or plant-specific compensatory measures, as applicable. Please discuss any possible unique or plant-specific compensatory measures you considered for implementation at your plant. Include a basis for rejecting any of these additional considered measures.

San Onofre Nuclear Generating Station, Units 2 and 3

cc:

Mr. Raymond Waldo, Plant Manager
Nuclear Generation
Southern California Edison Company
San Onofre Nuclear Generating Station
P. O. Box 128
San Clemente, CA 92674-0128

Mr. Douglas K. Porter
Southern California Edison Company
2244 Walnut Grove Avenue
Rosemead, CA 91770

Mr. David Spath, Chief
Division of Drinking Water and
Environmental Management
P. O. Box 942732
Sacramento, CA 94234-7320

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

Eileen M. Teichert, Esq.
Supervising Deputy City Attorney
City of Riverside
3900 Main Street
Riverside, CA 92522

Mr. Gary L. Nolff
Power Projects/Contracts Manager
Riverside Public Utilities
2911 Adams Street
Riverside, CA 92504

Regional Administrator, Region IV
U.S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064

Mr. Michael Olson
San Diego Gas & Electric Company
P.O. Box 1831
San Diego, CA 92112-4150

Mr. Ed Bailey, Chief
Radiologic Health Branch
State Department of Health Services
Post Office Box 997414 (MS7610)
Sacramento, CA 95899-7414

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

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

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

Mr. James D. Boyd, Commissioner
California Energy Commission
1516 Ninth Street (MS 31)
Sacramento, CA 95814

Mr. Joseph J. Wambold, Vice President
Southern California Edison Company
San Onofre Nuclear Generating Station
P.O. Box 128
San Clemente, CA 92764-0128

Mr. Steve Hsu
Department of Health Services
Radiologic Health Branch
MS 7610, P.O. Box 997414
Sacramento, CA 95899