

February 09, 2001

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) UNITS 2 AND 3
RE: COMPLETION OF LICENSING ACTION FOR GENERIC LETTER 98-02,
"LOSS OF REACTOR COOLANT INVENTORY AND ASSOCIATED
POTENTIAL FOR LOSS OF EMERGENCY MITIGATION FUNCTION WHILE IN
A SHUTDOWN CONDITION" (TAC NO. MA4771)

Dear Mr. Ray:

On May 28, 1998, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 98-02 to all holders of operating licenses for Pressurized Water Reactors (PWRs), except those who have permanently ceased operations, and have certified that fuel has been permanently removed from the reactor vessel. The NRC issued GL 98-02 to request PWR licensees to evaluate a September 17, 1994 - event, that occurred at Wolf Creek. The Wolf Creek event had the potential to drain down the reactor coolant system to the refueling water storage tank and render both the emergency core cooling system (ECCS) and residual heat removal system (RHR) inoperable by introducing a steam/water mixture to the suction side of the ECCS and RHR pumps. Addressees of GL 98-02 were requested to provide the following information within 180 days: (1) an assessment of whether the addressee's facility is vulnerable to the September 17, 1994, Wolf Creek event, and (2) if the facility is found to be vulnerable, an assessment of the plant-specific 10 CFR Part 50, Appendix B, quality assurance program attributes which will prevent the subject event. If the addressee's facility was determined to be vulnerable, a response to information item (1) was to be provided pursuant to 10 CFR 50.54(f) and 10 CFR 50.4, and the responses to information items (1) and (2) were to be kept in a licensee's retrievable system for use by the NRC staff on an as-needed basis.

In response to GL 98-02, on February 1, 1999, you verbally informed the NRC's Project Manager that SONGS, Units 2 and 3 are not susceptible to this type of event described in the GL. You stated that the SONGS units are not susceptible because the ECCS pump trains do not share a common supply header from the refueling water storage tanks and because the shutdown cooling return lines to the pump suctions are isolated from the supply headers by two

H. Ray

- 2 -

February 09, 2001

check valves in series. Our inspection reports (IR) 50-361/99-19 and 50-362/99-19, dated February 16, 2000, confirmed your determination. IR 50-361/99-19 and 50-362/99-19 did not identify any other vulnerabilities that you had not considered. Therefore, the NRC staff considers your actions in response to GL 98-02 to be closed.

Sincerely,

/RA/

L. Raghavan, Senior Project Manager, Section 2
Project Directorate IV & Decommissioning
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-361 and 50-362

cc: See next page

check valves in series. Our inspection reports (IR) 50-361/99-19 and 50-362/99-19, dated February 16, 2000, confirmed your determination. IR 50-361/99-19 and 50-362/99-19 did not identify any other vulnerabilities that you had not considered. Therefore, the NRC staff considers your actions in response to GL 98-02 to be closed.

Sincerely,

/RA/

L. Raghavan, Senior Project Manager, Section 2
Project Directorate IV & Decommissioning
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-361 and 50-362

cc: See next page

DISTRIBUTION:

- PUBLIC
- PDIV-2 Reading
- SRichards (RidsNrrDlpmLpdiv)
- S. Dembek
- R. Caruso
- RidsNrrPML.Raghavan
- RidsNrrPMJ.Donohew
- RidsNrrLAMMcAllister
- RidsNrrPMDHolland
- KBrockman, DBujol (RidsRgn4MailCenter)
- JSloan
- RidsOgcRp
- RidsAcrcAcnwMailCenter

Accession No. ML0100400221

*SEE PREVIOUS CONCURRENCE

OFFICE	PDIV-2/PM	PDIV-2/PM*	PDIV-3/LA	PDIV-2/PM
NAME	LRaghavan:lcc	DHolland	MMcAllister	JDonohew
DATE	1/31/01	01/31/01	1/31/01	2/1/01

OFFICE	SRXB/SC	PDIV-2/SC
NAME	RCaruso	SDembek
DATE	2/8/01	2/9/01

OFFICIAL RECORD COPY

San Onofre Nuclear Generating Station, Units 2 and 3

cc:

Mr. R. W. Krieger, Vice President
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

Alan R. Watts, Esq.
Woodruff, Spradlin & Smart
701 S. Parker St. No. 7000
Orange, CA 92668-4720

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

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

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

Mr. Steve Hsu
Radiologic Health Branch
State Department of Health Services
Post Office Box 942732
Sacramento, CA 94327-7320

Mr. Ed Bailey, Radiation Program Director
Radiologic Health Branch
State Department of Health Services
Post Office Box 942732 (MS 178)
Sacramento, CA 94327-7320

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. Robert A. Laurie, Commissioner
California Energy Commission
1516 Ninth Street (MS 31)
Sacramento, CA 95814