

May 16, 2007

Mr. Richard M. Rosenblum
Senior Vice President and Chief Nuclear Officer
Southern California Edison Company
San Onofre Nuclear Generating Station
P.O. Box 128
San Clemente, CA 92674-0128

SUBJECT: SAN ONOFRE NUCLEAR GENERATING STATION, UNITS 2 AND 3 -
REPORT ON RESULTS OF STAFF AUDIT OF CORRECTIVE ACTIONS TO
ADDRESS GENERIC LETTER 2004-02 (TAC NOS. MC4714 AND MC4715)

Dear Mr. Rosenblum:

Generic Letter (GL) 2004-02, "Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis Accidents at Pressurized-Water Reactors," requested that all pressurized-water reactor (PWR) licensees: (1) evaluate the adequacy of the emergency sump recirculation function with respect to potentially adverse effects associated with post-accident debris, and (2) implement any plant modifications determined to be necessary. Southern California Edison (SCE, the licensee), has conducted an evaluation of recirculation sump performance for San Onofre Nuclear Generating Station, Units 2 and 3 (SONGS 2 and 3). SCE is in the process of installing new sump strainers in each unit.

The Nuclear Regulatory Commission (NRC) staff conducted a detailed audit of the new sump design and associated analyses and testing for SONGS 2 and 3. This is one of several audits to be conducted to establish a sample basis to assist in verifying the adequacy of licensee corrective actions to address GL 2004-02. The draft report was forwarded to SCE and, after consultation with its contractors and vendors for GL 2004-02 corrective actions, SCE confirmed that there is no proprietary information contained in the audit report.

The enclosed audit report provides SCE with feedback on its GL 2004-02 corrective actions and supporting analyses. Also, when made publicly available, this audit report will serve as a vehicle to inform other PWR licensees of the NRC staff's technical positions.

The enclosed audit report does not reach a conclusion regarding overall adequacy of SCE's GL 2004-02 corrective actions. SCE's supplemental response to GL 2004-02, scheduled for the end of calendar year (CY) 2007, will respond to the open items in the attached audit report and to the generic GL 2004-02 requests for additional information to all PWR licensees, as well as provide a comprehensive description of SCE's corrective actions and supporting analyses and evaluations. In early CY 2008, the NRC staff will consider this audit report and SCE's end-of-CY 2007 supplemental response which will result in a letter to SCE assessing the overall adequacy of the SONGS 2 and 3 GL 2004-02 corrective actions.

R. M. Rosenblum

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The audit team did not evaluate whether the licensee has identified and/or submitted appropriate licensing documents for its GL 2004-02 corrective actions. The licensee's maintenance of its licensing basis is within the scope of the Reactor Oversight Program. The audit team did not evaluate the completeness of the licensee's implementation of GL 2004-02 corrective actions. That is also within the scope of the Reactor Oversight Program under NRC Temporary Instruction 2515/166, "Pressurized Water Reactor Containment Sump Blockage."

In conclusion, the staff is appreciative of the licensee's support during all phases of the audit and the single point-of-contact, which, during the preparation, conduct, and report writing phases of the audit was helpful. The staff also thanks SCE in providing appropriate office space and facilitating the emergency core cooling system pump rooms tour taken by the audit team members.

If you have any questions, please contact N. Kalyanam, Project Manager, at (301) 415-1480.

Sincerely,

/RA/

Thomas G. Hiltz, Chief
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-361 and 50-362

Enclosure: As Stated

cc w/encl: See next page

R. M. Rosenblum

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cc w/encl: See next page

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***No Changes to Report from SSIB**

OFFICE	NRR/LPL4/PM	NRR/LPL4/LA	NRR/DSS/SSIB/BC*	NRR/LPL4/BC
NAME	NKalyanam:sp	JBurkhardt	MScott	THiltz
DATE	5/15/07	5/4/07	5/2/07	5/16/07

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San Onofre Nuclear Generating Station
Units 2 and 3

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March 2006

San Onofre Nuclear Generating Station
Units 2 and 3

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cc:

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March 2006