

October 11, 2006

David Pilmer  
Southern California Edison Company  
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P.O. Box 128  
San Clemente, CA 92674-0128

SUBJECT: TRANSMITTAL OF MEETING REPORT REGARDING SAN ONOFRE UNIT 1  
COOLING WATER INTAKE AND DISCHARGE SYSTEM SAMPLING

Dear Mr. Pilmer:

Enclosed is the report for our meeting on August 22, 2006. If you have any questions on this matter, please contact me at: (301) 415-6712 or at: [jcs2@nrc.gov](mailto:jcs2@nrc.gov).

Sincerely,

**/RA/**

J.C. Shepherd, Project Engineer  
Division of Waste Management  
and Environmental Protection  
Office of Federal and State Materials  
and Environmental Management Programs

Docket No: 50-206

cc: See next page

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## Meeting Report

DATE: August 22, 2006

TIME: 1:00 pm - 4:00 pm

PLACE: One White Flint North Rm. 6B6

PURPOSE: DISCUSS SOUTHERN CALIFORNIA EDISON'S SAMPLING PLAN FOR THE FORMER COOLING SYSTEM INTAKE AND DISCHARGE PIPING FOR SAN ONOFRE NUCLEAR GENERATING STATION UNIT 1

ATTENDEES: Refer to Attachment A

### BACKGROUND:

Southern California Edison (SCE), licensee for SONGS Unit 1, plans to release the former cooling system intake and discharge piping from the NRC license under provisions of 10 CFR 50.83 "Release of part of a power reactor facility or site for unrestricted use" prior to approval of a license termination plan. This piping is located off-shore from the plant, approximately seven and a half meters (~25') below the surface of the pacific ocean, and about one and a third meters (~4') below the top of the seabed. SCE presented it plans to survey this piping to demonstrate compliance with release criteria (Attachment B).

### DISCUSSION:

The piping is classified as Class 3 in MARSSIM terminology – affected area not expected to have residual contamination above a fraction of the DCGL<sub>w</sub>. SCE presented it plans to sample the 30 meters (100') closest to shore of the intake piping and the last 30 meters (100') of the discharge piping because that is where residual contamination is most likely to be. The samples will comprise sediment, sea life, if present, and cores of the concrete pipes. A sufficient quantity of each sample will be taken to split with NRC, and other regulatory agencies if desired. NRC staff suggested SCE compare actual uptake in sea life, especially crustaceans, with calculated values.

Sampling is expected to begin about mid-September, 2006. After sample analyses demonstrate the pipes meet unrestricted release criteria, the western-most (off-shore) 2 meters (~6') of each pipe will be plugged with concrete.

### ACTIONS:

SCE will provide an updated schedule, including the submittal date of the request for partial site release, once sampling starts.

### ATTACHMENTS:

A: Attendance log  
B: SCE Presentation