



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-4005

July 20, 2007

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: SUMMARY OF SAN ONOFRE NUCLEAR GENERATING STATION (SONGS)
END-OF-CYCLE PUBLIC MEETING

Dear Mr. Rosenblum:

This refers to the End-of-Cycle public meeting conducted in San Clemente, CA, on July 12, 2007, between the NRC and your staff. The participants discussed performance at San Onofre for the period January 1 through December 31, 2006.

The attendance list is enclosed with this summary (Enclosure 1). A copy of the presentation slides is also enclosed (Enclosure 2).

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosures will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Should you have any questions concerning this matter, we will be pleased to discuss them with you.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Clark".

Jeff Clark, PE, Chief
Project Branch E
Division of Reactor Projects

Docket Nos: 50-361; 50-362
License Nos: NPF-10; NPF-15

Enclosures:

1. Attendance List
2. NRC Presentation Slides

cc w/Enclosures:

Walter F. Ekard
Chief Administrative Officer
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San Juan Capistrano, CA 92675

David Adams, City Manager
City of San Juan Capistrano
32400 Paseo Adelanto
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The Honorable Wayne Eggleston, Mayor
City of San Clemente
100 Avenida Presidio
San Clemente, CA 92672

George Scarbrough, City Manager
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Orange Coast District
California Department of Parks &
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Steve Long, Chief Ranger
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100 Avenida Presidio
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Chief, Radiological Emergency
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National Preparedness Directorate
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Department of Homeland Security
1111 Broadway, Suite 1200
Oakland, CA 94607-4052

END-OF-CYCLE MEETING ATTENDANCE

LICENSEE/FACILITY	Southern California Edison / San Onofre
DATE/TIME	July 12, 2007 - 6:00 pm
LOCATION	Country Plaza Inn 35 Via Pico Plaza San Clemente, CA 92672
NAME (PLEASE PRINT)	ORGANIZATION
MIKE FENNESSY	ORANGE COUNTY HEALTH CARE AGENCY
RICH HAYDEN	CA. STATE PARKS
STEVE LONG	CA. STATE PARKS
Clay E. Williams	SCE
Randy Styne	OC HCA
JERRY COLLAMER	SAN CLEMENTE RESIDENT.
Gil Alexander	SCE
Michelle Skiermont	State of CA

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LOCATION	Country Plaza Inn 35 Via Pico Plaza San Clemente, CA 92672

NAME (PLEASE PRINT)	ORGANIZATION
KAYLEEN YHIP	SCE
JACK E WALLACE	San Clemente
Mary Jane Johnson	San Clemente
Pete Lawrence	Oceanside Fire Dept.
Barbara Culverhouse	SCE
SUSAN ASTURIAS	SAN Diego County OES

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LICENSEE/FACILITY	Southern California Edison / San Onofre
DATE/TIME	July 12, 2007 - 6:00 pm
LOCATION	Country Plaza Inn 35 Via Pico Plaza San Clemente, CA 92672
NAME (PLEASE PRINT)	ORGANIZATION
WAYNE C. WALKER	US NRC RIV
Jim Russell	City San Clemente
Denise Bundy	County of Orange
Eugene Cannon	Retired Person
SAMANTHA SITEK	ORANGE COUNTY
Alan Hirasuna	Resident S Clemente
Frank Phelps	Resident, San Clemente
Art Howell	NRC
MIKE DRAKE	MCB CAMP PENDLETON
A E SCHERER	SCE
AM Rosenthal	SCE
MIKE CANTOR	CITY SAN JUAN CAPISTRANO
VICKI OSBORN	OCSD EMERGENCY MAN.

San Onofre Nuclear Generating Station Annual Assessment Meeting

Reactor Oversight Process - CY 2006



Nuclear Regulatory Commission - Region IV

Arlington, Texas

July 12, 2007

Purpose of Today's Meeting

- A public forum for the NRC and Southern California Edison to discuss San Onofre Nuclear Generating Station's (SONGS) 2006 performance
- NRC will address performance issues identified in the annual assessment letter
- Following our portion of the presentation, Southern California Edison Company will be given the opportunity to respond to the information in the letter and inform the NRC of new or existing programs to maintain or improve their performance

Agenda

- Introduction
- Review of Reactor Oversight Process
- National Summary of Plant Performance
- Discussion of SONGS Performance Results
- Licensee Response and Remarks
- NRC Closing Remarks
- NRC available to address public questions

Region IV Organization

Dr. Bruce Mallett
Regional Administrator

Thomas P. Gwynn
Deputy Regional Administrator

Arthur T. Howell III
Director Division of Reactor Projects

Anton Vegel
Deputy Director

Jeff Clark
Branch Chief

San Onofre Nuclear Generating Station
Resident Inspectors
Clyde Osterholtz
Mark Sitek

Project Engineers
George Replogle
John Hanna
John Kirkland

Dwight Chamberlain
Director Division of Reactor Safety

Roy Caniano
Deputy Director

Regional Specialists

NRR Project Manager
Kaly Kalyanam

NRC Representatives

- Arthur T. Howell, Director, DRP
 - (817) 860-8248
- Clyde Osterholtz, Senior Resident Inspector
 - (949) 492-2641
- Mark Sitek, Resident Inspector
 - (949) 492-2641
- Jeff Clark, Branch Chief
 - (817) 860-8147

Review of Reactor Oversight Process

Clyde Osterholtz, Senior Resident Inspector

NRC Performance Goals

- **Safety:** Ensure protection of the public health and safety and the environment
- **Security:** Ensure the secure use and management of radioactive materials
- **Openness:** Ensure openness in our regulatory process
- **Effectiveness:** Ensure that NRC actions are effective, efficient, realistic, and timely
- **Management:** Ensure excellence in agency management to carry out the NRC's strategic objective

Reactor Oversight Process



Examples of Baseline Inspections

- Equipment Alignment ~80 hrs/yr
- Triennial Fire Protection ~200 hrs every 3 yrs
- Operator Response ~125 hrs/yr
- Emergency Preparedness ~80 hrs/yr
- Rad Release Controls ~110 hrs every 2 yrs
- Worker Radiation Protection ~90 hrs/yr
- Corrective Action Program ~250 hrs every 2 yrs
- Corrective Action Case Reviews ~60 hrs/yr

Significance Threshold

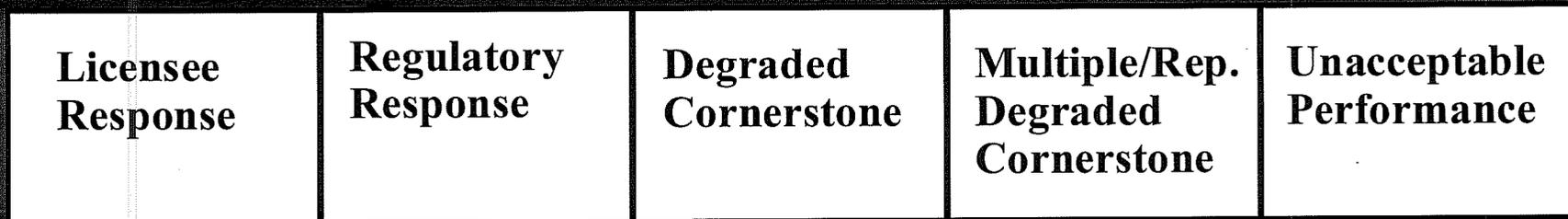
Performance Indicators

- Green:** Only Baseline Inspection
- White:** May increase NRC oversight
- Yellow:** Requires more NRC oversight
- Red:** Requires more NRC oversight

Inspection Findings

- Green:** Very Low safety issue
- White:** Low to moderate safety issue
- Yellow:** Substantial safety issue
- Red:** High safety issue

Action Matrix Concept



Increasing Safety Significance

Increasing NRC Inspection Efforts

Increasing NRC/Licensee Management Involvement

Increasing Regulatory Actions

National Summary of Plant Performance

Status at End of CY 2006

Licensee Response	70
Regulatory Response	24
Degraded Cornerstone	6
Multiple/Repetitive Degraded Cornerstone	3
Unacceptable	0
<hr/> Total	<hr/> 103

National Summary

- **Performance Indicator Results (at end of CY 2006)**

▶ Green	1843
▶ White	11
▶ Yellow	0
▶ Red	0

- **Total Inspection Findings (CY 2006)**

▶ Green	676
▶ White	13
▶ Yellow	0
▶ Red	0

San Onofre Nuclear Generating Station Performance

Mark Sitek, Resident Inspector

San Onofre Nuclear Generating Station

Assessment Results

(Jan 1 - Dec 31, 2006)

- Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all performance indicators indicating performance at a level requiring no additional NRC oversight (Green).

San Onofre Nuclear Generating Station Inspection Activities

(Jan 1 - Dec 31, 2006)

- Inspection Effort
 - 1286 Resident Inspection Hours
 - 1582 Regional Inspection Hours

San Onofre Nuclear Generating Station Additional Inspection Activities

(Jan 1 - Dec 31, 2006)

- Temporary Instruction
 - TI-150 “Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles”
 - TI-160 “Pressurizer Penetration Nozzles and Steam Space Piping Connections in U.S. Pressurized Water Reactors”
 - TI-165 “Operational Readiness of Offsite Power and Impact On Plant Risk”
 - TI-169 “Mitigating Systems Performance Index Verification”
- Refueling Outage Inspection
 - Unit 2, January 3, 2006 to April 16, 2006.
 - Unit 3, October 16, 2006 to December 12, 2006.

San Onofre Nuclear Generating Station Annual Assessment Summary

(Jan 1 - Dec 31, 2006)

- SCE operated the San Onofre Nuclear Generating Station in a manner that preserved public health and safety
- All cornerstone objectives were met with 13 findings of very low safety significance (Green)
- NRC plans baseline inspections at San Onofre Nuclear Generating Station for the remainder of this assessment period

Licensee Response and Remarks

Mr. Brian Katz

Vice President, Nuclear Oversight and Regulatory Affairs

San Onofre Nuclear Generating Station

Southern California Edison Company

Contacting the NRC

- Report an emergency
 - ▶ (301) 816-5100 (call collect)
- Report a safety concern:
 - ▶ (800) 695-7403
 - ▶ Allegation@nrc.gov
- General information or questions
 - ▶ www.nrc.gov
 - ▶ Select “What We Do” for Public Affairs

Reference Sources

- Reactor Oversight Process

- ▶ <http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/index.html>

- Public Electronic Reading Room

- ▶ <http://www.nrc.gov/reading-rm.html>

- Public Document Room

- ▶ 1-800-397-4209 (Toll Free)