

U.S. NUCLEAR REGULATORY COMMISSION

REGION V

Report Nos. 50-206/93-04, 50-361/93-04, 50-362/93-04

Docket Nos. 50-206, 50-361, 50-362

License Nos. DPR-13, NPF-10, NPF-15

Licensee: Southern California Edison Company  
Irvine Operations Center  
23 Parker Street  
Irvine, California 92718

Facility Name: San Onofre Units 1, 2 and 3

Meeting at: San Onofre, San Clemente, California

Report Prepared By: *[Signature]* 2/12/93  
D. Solorio, Resident Inspector Date Signed

Approved By: *[Signature]* 2/12/93  
H. J. Wong, Chief Date Signed  
Reactor Projects Section II

Meeting on January 14, 1993 (Report Nos. 50-206/93-04, 50-361/93-04, 50-362/93-04)

Scope: Management meeting to review the Initial NRC Systematic Assessment of Licensee Performance (SALP) Report for the period of August 1, 1991, through November 30, 1992. The meeting agenda is attached to this report.

## DETAILS

### 1. Meeting Attendees

#### a. Licensee Attendees

H. B. Ray, Senior Vice President, Nuclear  
H. E. Morgan, Vice President and Site Manager  
R. W. Krieger, Station Manager  
B. Katz, Manager, Nuclear Oversight  
R. M. Rosenblum, Manager, Nuclear Regulatory Affairs  
J. T. Reilly, Manager, Nuclear Engineering and Construction  
R. W. Waldo, Operations Manager  
L. O. Cash, Maintenance Manager  
D. Breig, Manager, Station Technical  
P. J. Knapp, Manager, Health Physics  
J. F. Fee, Assistant Manager, Health Physics  
J. R. Clark, Manager, Chemistry  
W. G. Zintl, Manager, Emergency Preparedness  
M. J. Speer, Manager, Security  
G. E. Hammond, Supervisor, Onsite Nuclear Licensing  
J. J. Jamerson, Lead Engineer, Onsite Nuclear Licensing  
D. M. Axline, Engineer, Onsite Nuclear Licensing  
J. J. Vandenbroek, Engineer, Onsite Nuclear Licensing  
R. L. Sandstrom, Operations Training Supervisor  
D. P. McFarlane, Manager, Budgets and Administration  
P. B. Klapka, Supervisor, Nuclear Rate Regulation  
D. M. Barron, Corporate Communication Representative  
J. M. Sanchez, Exchange Engineer, Electricité de France  
R. O. Lacy, Manager, Nuclear, San Diego Gas and Electric  
R. L. Erickson, Senior Engineer, San Diego Gas and Electric

#### b. NRC Attendees

J. B. Martin, Regional Administrator  
S. A. Richards, Deputy Director, Division of Reactor Safety and Projects  
M. J. Virgilio, Assistant Director for Region IV & V Reactors, NRR  
M. B. Fields, Project Manager (Units 2 and 3), NRR  
F. A. Wenslawski, Deputy Director, Division of Radiation Safety and Safeguards  
H. J. Wong, Chief, Reactor Projects Section II  
C. W. Caldwell, Senior Resident Inspector, San Onofre  
D. L. Solorio, Resident Inspector, San Onofre  
K. A. Kavanagh, NRR Intern

#### c. Others

A. R. Rivera, City of Anaheim  
R. Gerson, City of Anaheim  
D. Barnhardt, California Public Utilities Commission

## 2. Summary of Meeting

The meeting convened at 1:30 p.m.

Mr. Martin opened the meeting by noting that it provided an opportunity for an open discussion of the NRC's Systematic Assessment of Licensee Performance (SALP) Report for San Onofre. Mr. Martin characterized the licensee's performance as satisfactory, and in some areas very good. Mr. Martin also solicited feedback from the licensee if they had any comments regarding the conclusions documented in the SALP report.

Mr. Richards stated that the performance within the areas of Operations, Maintenance, Engineering, and Safety Assessment was good or superior. The NRC's conclusion of the licensee's performance identified the need to devote more attention to emerging operational issues, especially engineering support in assessing developing plant problems. Additionally, Mr. Richards noted weaknesses in coordination of activities among Operations, Maintenance, and Engineering that contributed to plant trips and events.

Mr. Wong summarized the NRC SALP Board's assessment and recommendations in the following functional areas:

- \* Plant Operations
- \* Maintenance/Surveillance
- \* Engineering/Technical Support
- \* Safety Assessment/Quality Verification

The licensee provided the following comments after the discussion of each of the functional areas:

### Operations

Mr. Waldo agreed with the assessment and noted that efforts were continuing to address the areas of weakness identified. Additionally, in an effort to improve operations interface with other organizations, he stated that significant resources were being expended to upgrade procedures.

### Maintenance

Mr. Ray responded that with the exception of the Unit 3 High Pressure Safety Injection (HPSI) Pump out of service issue, he agreed with the NRC's assessment of performance in the Maintenance area. Mr. Ray stated that many of the issues identified were cases where SCE's performance fell short of their own expectations.

Mr. Cash concurred with the recommendations provided in the SALP report and noted that he considered improvement was being realized. Mr. Cash reaffirmed his commitment toward implementation of the Partners for Success program for the site Maintenance organization. With regard to

missed surveillances, Mr. Cash noted that actions have been taken to correct weaknesses. He believed these actions contributed to the absence of any missed Maintenance organization surveillances in 1992.

Mr. Cash indicated that three items were intended to enhance the surveillance program so that it would be better able to identify degrading equipment. In particular, improvements in condition monitoring, establishment of a system engineer qualification program, and creation of "State of the System" reports were being implemented in addition to the Reliability Centered Maintenance Program to further enhance component monitoring. Mr. Cash also stated that SCE would continue to work to decrease the impact of plant maintenance activities on safety systems.

Mr. Ray provided additional discussion concerning the rationale for performing maintenance on a Unit 3 HPSI pump in the manner discussed in the SALP Report. He also indicated that SCE intended to provide a chronology of events concerning the pump inoperability.

Mr. Martin suggested that the NRC and SCE continue with discussions on this issue after receiving the chronology of events from the licensee.

#### Engineering/Technical Support

Mr. Rosenblum acknowledged that after further analysis, SCE's communications of complex technical issues were not always effective (especially when the time to evaluate the situation was short). Mr. Rosenblum acknowledged the need to improve communications in future discussions with the NRC.

Mr. Ray concurred that in the case of the Unit 1 feedwater/safety injection valves, their efforts to resolve problems fell short of their own expectations. With respect to the Unit 3 pressurizer instrument line leakage issue, Mr. Ray indicated that, in retrospect, they should have made a more thorough assessment earlier.

Mr. Breig stated that with respect to the system engineer workload, he was using two consultants to benchmark the San Onofre Station Technical (STEC) organization against other similar organizations. In addition, he indicated that SCE was implementing the "Roles and Responsibilities of Engineers" Program. Mr. Breig stated that these activities would help SCE focus their efforts on the most important issues first. He believed that the recent reorganization of senior STEC management should provide more oversight and a better focus on issues and problems. Mr. Breig noted that STEC had started using NEDO analytical capabilities more. Additionally, within NEDO, program improvements were initiated to provide more oversight in an effort to achieve a better quality work product. To address interface weaknesses with other organizations, STEC procedures were being reviewed. He also stated that in conjunction with STEC efforts, Operations had initiated a review of their procedures to address this weakness.

Mr. Rosenblum commented on his perception that having high confidence in their assessments was important, but that they also needed to confirm the absence of other causes which might have worse consequences.

#### Safety Assessment/Quality Verification

Mr. Ray stated that SCE agreed with the SALP assessment with the exception of the SALP rating. He indicated that it was considered that the rating did not recognize improvements SCE made within this functional area.

Mr. Wenslawski summarized the NRC SALP Board's assessment and recommendations in the following functional areas:

- \* Radiological Controls
- \* Emergency Preparedness
- \* Security

The licensee provided the following comments after the discussion of each of the functional areas:

#### Radiological Controls

Mr. Ray agreed with the assessment and stated that SCE will continue their diligence in maintaining a high level of performance in this area.

#### Emergency Preparedness

Mr. Knapp responded that Health Physics had undertaken efforts to devote more time toward improvements in this area as a result of problems identified during the last Emergency Preparedness exercise.

#### Security

The licensee acknowledged Mr. Wenslawski's comment that the SONGS Security force was one of the best in the country.

### 3. Summary

Mr. Richards stated that SCE had the option to respond to the SALP assessment within 30 days, and reiterated the two major concerns identified in the SALP report - weaknesses in the licensee's assessment of emergent issues and weaknesses in organizational interfaces that contributed to plant trips and events.

Mr. Virgilio commented that the NRC staff recognized the licensee's efforts thus far and he thought that SCE was close to achieving superior performance. Mr. Virgilio encouraged SCE to continue the good work.

Mr. Ray acknowledged that there were areas where they could do better,

and stated that SCE would provide additional information on their methodology for approaching decisions (referring to the HPSI pump discussion).

4. Conclusion

Mr. Martin summarized the assessment, noting the licensee's commendable performance during the SALP period and thanked those present for their interest and participation.

The meeting concluded at 2:45 p.m.

NRC/SCE SALP MEETING AGENDA

1/14/93

1. OPENING REMARKS - J. MARTIN, REGIONAL ADMINISTRATOR

H. RAY, SENIOR VICE PRESIDENT

2. SALP RESULTS - S. RICHARDS OVERVIEW

H. WONG OPERATIONS  
MAINTENANCE/SURVEILLANCE  
ENGINEERING/TECHNICAL SUPPORT  
SAFETY ASSESSMENT/QUALITY ASSESSMENT

F. WENSLAWSKI RADIOLOGICAL CONTROLS  
EMERGENCY PREPAREDNESS  
SECURITY

3. CLOSING REMARKS - J. MARTIN

H. RAY