



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
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ARLINGTON, TEXAS 76011-4005**

December 9, 2004

Harold B. Ray, Executive Vice President
San Onofre, Units 2 and 3
Southern California Edison Co.
P.O. Box 128, Mail Stop D-3-F
San Clemente, CA 92674-0128

**SUBJECT: ERRATA FOR SAN ONOFRE NUCLEAR GENERATING STATION, UNITS 2
AND 3, NRC INTEGRATED INSPECTION REPORT 05000361/2004004;
05000362/2004004**

Dear Mr. Ray:

Please replace the attachment of NRC Inspection Report 05000361/2004004;
05000362/2004004 dated November 9, 2004, with the enclosed revised attachment. The
purpose of this change is to provide information that was inadvertently omitted from the List of
Documents Reviewed section of the report.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its
enclosure 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 inspection, we will be pleased to discuss them
with you.

Sincerely,

/RA/

Kriss M. Kennedy, Chief
Project Branch C
Division of Reactor Projects

Enclosure:
As stated

Dockets: 50-361
50-362
Licenses: NPF-10
NPF-15

cc w/enclosure:

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ADAMS: / Yes ☐ No Initials: __wcw__

/ Publicly Available ☐ Non-Publicly Available ☐ Sensitive / Non-Sensitive

R:_SO23\SO2004-04RP Errata.wpd

RIV:SPE:DRP/C	C:DRP/C			
WCWalker;df	KMKennedy			
/RA/	/RA/			
12/8/04	12/9/04			

OFFICIAL RECORD COPY

T=Telephone

E=E-mail

F=Fax

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee Personnel

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NRC Personnel

Christian Araguas, Nuclear Safety Professional Development Program Participant

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

Opened and Closed

05000361/2004004-01	NCV	Failure to provide adequate instructions for EDG maintenance (Section 1R15)
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Closed

05000361/2004-001-00	LER	Personnel Error Results in Technical Specification Violation During Movement of Irradiated Fuel
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05000361;362/2004-003-00 LER Momentary Loss of Operability of the Offsite Power Grid due to 230 kV Transmission Line Fault in Arizona

Discussed

None

LIST OF DOCUMENTS REVIEWED

In addition to the documents listed in the inspection report, the following documents were selected and reviewed by the inspectors to accomplish the objectives and scope of the inspection and to support any findings:

Section 1R04: Equipment Alignments

Procedure SO23-2-12.1, "Component Cooling Water System Alignments," Revision 6
Procedure SO23-2-17, "Component Cooling Water System Operation," Revision 18
Operations Division Manual 5, "Operator Rounds," Revision 0
Procedure SO23-3-3.23, "Diesel Generator Monthly and Semi-annual Testing," Revision 23
Piping and Instrumentation Diagram 40127ASO3, "Component Cooling Water System No. 1203," Revision 27

Section 1R12: Maintenance Implementation

Action Requests

010301123, 020101538, 020800755, 021100192, 021201039, 030202033, 030401327, 030801357, 031101252, 031101253, and 040101394

Maintenance Rule Function Reports

125/250V DC
4160V AC Power
Component Cooling Water
Containment Isolation
Radiation Monitoring - Area, Process, and Effluent

Procedures

SO123-CA-1, "Corrective Action Program," Revision 3
SO123-XV-5.3, "Maintenance Rule Program," Revision 6
SO123-XV-50, "Corrective Action Process," Revision 4

Miscellaneous Documents

Independent Assessment of Maintenance Rule Implementation, performed April 19-30, 2004

Maintenance Rule Evaluation (MRE) Guideline, Revision 5

Maintenance Rule Expert Panel Meeting Minutes from March 21, 2002, through May 20, 2004

SONGS Maintenance Rule Program (a)(3) Periodic Assessment (3rd Quarter 2001 through 2nd Quarter 2003), dated October 31, 2003

SONGS System Health Reports (Quarter 2004-1) for DC Power Systems, 4 KV System, Containment Leak Rate Testing Program, and Component Cooling System

Section 20S2: ALARA Planning and Controls (71121.02)

Corrective Action Documents and Requests

030201607, 031001084, 030901392, 040100520, 04011521, 040101248, 040101448, 040101751, 040201832, 040500617, 040300392, 040300629, 04021480, 040300629, 040401695, 040401811, 040500671, and 040501354

Audits and Surveillances

Division Self-Assessment Report for the Fourth Quarter 2003
Unit 2 Cycle 13 ALARA In-Progress Reviews

Shielding Packages

04-43

04-44

Units 2/3 Suction Side of Safety Injection Pumps

Units 2/3 Shutdown Cooling Supply Header Drain Valves MR020

Radiation Exposure Permits/ALARA Packages

A0808000004	CEDM Duck Work Removal-Installation
A0808000005	Graylock Flange Disassembly-Reassembly/Cleaning and Inspection
A0229040001	Manual Grinding of Indications on Nozzles
A0808000002	Reactor Disassembly-Reassembly Deck Support
A1212030001	Primary Steam Generator Work: Eddy Current Testing, Sleeving, Insitu Pressure Testing, and Tube Plugging

Procedures

SO123-GHP-1	Radiation Protection Program for Unborn Children, TCN 6-1
SO123-VII-20	Health Physics Program, Revision 10
SO123-VII-20.15	Radiation Protection for Unborn Children, TCN 0-3
SO123-VII-20.4	ALARA Program, TCN 3-2

SO123-VII-20.4.1	ALARA Design Change Reviews, TCN 3-1
SO123-VII-20.4.2	Temporary Shielding, Revision 8
SO123-VII-20.4.3	ALARA Job Reviews, TCN 3-3
SO123-VII-20.10	Radiological Work Planning and Controls, Revision 9
SO123-VII-20.10.2	Health Physics Pre-Job Briefings/Pre-Job Meetings, TCN 3-4
SO123-VII-20.10.3	Health Physics Work Control Plans, Revision 3
SO123-VII-20.11.1	Radiological Posting, TCN 7-2
HP-S-3	ALARA, Revision 2
OT-S-9	ALARA Working Group Duties and Responsibilities, Revision 2
HP-S-1	Hot Spots, Revision 11

ALARA Committee Minutes

Fourth Quarter 2003
First Quarter 2004
Second Quarter 2004

Miscellaneous Documents

Unit 2 Cycle 13 Refueling Outage ALARA Report

1EP2 Alert Notification System Testing

Procedures:

SO123-XVIII-10, "Siren - Community Alert Siren System - System Description and Operational Guide," Revision 5

SO123-XVIII-10.1, "Siren - Community Alert Siren System - Biweekly Silent Test," Revision 4-2

SO123-XVIII-10.3, "Siren - Community Alert Siren System - Quarterly Growl Test," Revision 5-3

SO123-XVIII-10.4, "Siren - Community Alert Siren System Response to a Report of an Inadvertent Siren Activation," Revision 3

SO123-XVIII-10.5, "Siren - Community Alert Siren System Annual Activation Test Procedures," Revision 4-1

Section 1EP5: Correction of Emergency Preparedness Weaknesses and Deficiencies

Audit SCES-013-03, Emergency Preparedness, November 27, 2001, through November 26, 2003

Surveillance SOS-064-02, "ERO Assignments," October 8, 2002

Surveillance SOS-073-02, "Emergency Planning Drills," September 25, 2002

Surveillance SOS-074-62, "EOF Emergency Facility Systems," November 29, 2002

Surveillance SOS-077-01, "Emergency Plan and ODCM Controls," July 24, 2001

SEP Division Quarterly Self Assessments (8) for the period Second Quarter 2002 through First Quarter 2004

EP NRC Readiness Review, AR 040600717-10

EP Directed Self Assessment, December 2003 through February 2004

Corrective Action Reports:

021000183	030102372	030700521	030900659	031001265
021000230	030400904	030800139	030901063	040400027
021100577	030501440	030801075	030901063	040400160
021200220	030600920	030900463	031001051	040500381
030100232				

Drill Reports:

2003 Environmental Monitoring Drill Critique Report
Critique Report 0203-0205
Critique Report 0206
Critique Report 0302-0305, Revision 1
Critique Report 0306
Critique Report 0307
Critique Report 0312

Procedures:

SO123-CA-1, "Corrective Action Program," Revision 3-1

SO123-NP-1, "Offsite Emergency Planning Responsibilities and Offsite Interfaces,"
Revision 5-3

SO123-XII-18.1, "Audit Program," Revisions 8 and 8-2

SO123-SA-1, "Self Assessment Program," Revision 2

SO123-VIII-1, "Recognition and Classification of Emergencies," Revision 21

SO123-VIII-10.3, "Protective Action Recommendations," Revision 8

SO123-VIII-30.7, "Emergency Notifications," Revision 4

SO123-VIII-0.100, "Maintenance and Control of Emergency Planning Documents," Revision 7

SO123-VIII-0.200, "Emergency Plan Drills and Exercises," Revision 8

LIST OF ACRONYMS

ALARA	as low as is reasonably achievable
AR	Action Request
CFR	<i>Code of Federal Regulations</i>
EDG	emergency diesel generator
FEMA	Federal Emergency Management Agency
LER	licensee event report
MO	maintenance order
NCV	noncited violation
PACU	postaccident cleanup filter system
TI	temporary instruction
TS	Technical Specification