

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 3										DOCKET NUMBER (2) 0 5 0 0 0 3 6 2				PAGE (3) 1 OF 0 6		
TITLE (4) DOSE EQUIVALENT IODINE LIMITS EXCEEDED																
EVENT DATE (5)			LER NUMBER (6)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)						
MONTH	DAY	YEAR	YEAR	SEQ. NUMBER	REV. NUMBER	MONTH	DAY	YEAR	FACILITY NAMES				DOCKET NUMBER(S)			
1 0	2 8	8 4	8 4	0 3 9	0 0 1	1 1	1 4	8 4					0 5 0 0 0 3 6 2			
OPERATING MODE (9) 3		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)														
POWER LEVEL (10) 0 0 0		20.402(b)				20.405(c)				50.73(a)(2)(iv)				73.71(b)		
		20.405(a)(1)(i)				50.36(c)(1)				50.73(a)(2)(v)				73.71(c)		
		20.405(a)(1)(ii)				50.36(c)(2)				50.73(a)(2)(vii)				X OTHER (Specify in Abstract below and in Text, NRC Form 366A)		
		20.405(a)(1)(iii)				50.73(a)(2)(i)				50.73(a)(2)(viii)(A)						
		20.405(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)						
		20.405(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(x)						
LICENSEE CONTACT FOR THIS LER (12)																
NAME J. G. HAYNES, STATION MANAGER										TELEPHONE NUMBER 7 1 4 4 9 2 1 - 7 7 0 0						
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC						
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)												X NO				

Abstract (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

Pursuant to Limiting Condition for Operation (LCO) 3.4.7, Action Statement 'd' of Appendix A, Technical Specifications to Facility Operating License NPF-15 for San Onofre Unit 3, this submittal provides the required 30-day written Licensee Event Report (LER) for an occurrence involving the Reactor Coolant System specific activity.

On October 28, 1984, at 0225 with Unit 3 in Mode 3, following reactor shutdown for a steam generator repair outage, analysis of a Reactor Coolant System (RCS) sample indicated that RCS specific activity exceeded 1.0 microcurie/gram Dose Equivalent (DE) I-131. RCS specific activity was reduced to less than 1.0 microcurie/gram DE I-131 by purification flow at 2030 on October 29, 1984.

The event was an indication of iodine spiking. We will continue to monitor and evaluate primary coolant activity. No further corrective action is planned.

8411290153 841114
PDR ADOCK 05000362
S PDR

IE22 1/1

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQ. NUMBER	REV. NUMBER		
SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 3	0 5 0 0 0 3 6 2	8 4	- 0 3 9	- 0 0	0 2	OF 0 6

TEXT (If more space is required, use additional NRC Form 366A's) (17)

Pursuant to Limiting Condition for Operation (LCO) 3.4.7, Action Statement 'd' of Appendix A, Technical Specifications to Facility Operating License NPF-15 for San Onofre Unit 3, this submittal provides the required 30-day written Licensee Event Report (LER) for an occurrence involving the Reactor Coolant System (RCS) specific activity.

On October 28, 1984, at 0225 with Unit 3 in Mode 3, following reactor shutdown for Steam Generator (EIS Component Function Identifier SG) E-089 repair outage, RCS sample analysis indicated that RCS specific activity exceeded 1.0 microcurie/gram Dose Equivalent (DE) I-131. RCS specific activity was reduced to less than 1.0 microcurie/gram DE I-131 by purification flow at 2030 on October 29, 1984.

The event was an indication of iodine spiking. Similar occurrences were previously reported in LER 83-111, LER 84-005, LER 84-013, LER 84-015, LER 84-023, LER 84-037 and LER 84-038. We will continue to monitor and evaluate primary coolant activity. No further corrective action is planned. Neither the health and safety of plant personnel nor the public were affected by this event.

Additional information, required by LCO 3.4.7, Action Statement 'd', is provided on the following pages. Although the unit has a degasification path which operates continuously and takes pressurizer steam, condenses it and directs it to Liquid Radwaste, degassing operation history is not applicable, because this system reduces the noble gas content of the RCS but has no effect on iodine.

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

FACILITY NAME (1) SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 3	DOCKET NUMBER (2) 0 5 0 0 0 3 6 2	LER NUMBER (6)			PAGE (3)	
		YEAR 8 4	SEQ. NUMBER 0 3 9	REV. NUMBER 0 0	0 3	OF 0 6

TEXT (If more space is required, use additional NRC Form 366A's) (17)

CLEANUP FLOW HISTORYPERIODAVERAGE CLEANUP
FLOW (GPM)

10/26/84, 0200 to 10/26/84, 0400
10/26/84, 0400 to 10/26/84, 0800
10/26/84, 0800 to 10/28/84, 2300
10/28/84, 2300 to 10/29/84, 0100
10/29/84, 0100 to 10/29/84, 2100

80.0
85.0*
75.3
85.0*
85.2

* Hourly cleanup flow data not available. Figure used is taken
from average flow with two charging pumps in operation.

REACTOR POWER HISTORYPERIODREACTOR POWER

10/26/84, 0200 to 10/27/84, 1700
10/27/84, 1700 to 10/27/84, 1900
10/27/84, 1900 to 10/27/84, 2200
10/27/84, 2200 to 10/27/84, 2300
10/27/84, 2300 to 10/29/84, 2100

100% Rated Power
100% to 77%
77% to 32%
32% to 0%
0%

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

FACILITY NAME (1)

DOCKET NUMBER (2)

LER NUMBER (6)

PAGE (3)

SAN ONOFRE NUCLEAR GENERATING STATION,
UNIT 3

0 5 0 0 0 3 9 2 8 4 - 0 3 9 - 0 0 0 4 OF 0 6

TEXT (If more space is required, use additional NRC Form 366A's) (17)

REACTOR COOLANT SYSTEM SPECIFIC ACTIVITY ANALYSIS

<u>DATE</u>	<u>TIME</u>	<u>DE I-131 MICROCURIES/GRAM</u>
10/28/84	0225	6.42
10/28/84	0430	6.15
10/28/84	0830	7.43
10/28/84	1230	6.21
10/28/84	1635	5.15
10/28/84	2035	3.81
10/29/84	0030	3.05
10/29/84	0430	2.66
10/29/84	0830	2.04
10/29/84	1230	1.54
10/29/84	1630	1.08
10/29/84	2030	0.78

The total time with the DE I-131 above 1.0 microcuries/gram for this event was 42.08 hours.

Southern California Edison Company



SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

J. G. HAYNES
STATION MANAGER

TELEPHONE
(714) 492-7700

November 14, 1984

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Subject: Docket No. 50-362
30-Day Report
Licensee Event Report No. 84-039
San Onofre Nuclear Generating Station, Unit 3

Pursuant to Limiting Condition for Operation (LCO) 3.4.7, Action Statement 'd' of Appendix A, Technical Specifications to Facility Operating License NPF-15 for San Onofre Unit 3, this submittal provides the required 30-day written Licensee Event Report (LER) for an occurrence involving the Reactor Coolant System specific activity. Neither the health and safety of plant personnel nor the public were affected by this event.

If you require any additional information, please so advise.

Sincerely,

Enclosure: LER No. 84-039

cc: F. R. Huey (USNRC Senior Resident Inspector, Units 1, 2 and 3)
J. P. Stewart (USNRC Resident Inspector, Units 2 and 3)

J. B. Martin (Regional Administrator, NRC Region V)

Institute of Nuclear Power Operations (INPO)

IE22
1/1