

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 2	DOCKET NUMBER (2) 0 5 0 0 0 3 6 1	PAGE (3) 1 OF 0 2
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TITLE (4)
NORTH GAS STRIPPER LEAKAGE

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		
0 1	1 7	8 5	8 5	0 0 8	0 0	0 2	1 5	8 5	SONGS UNIT 3		
									DOCKET NUMBER(S) 0 5 0 0 0 3 6 2		

OPERATING MODE (9) 6	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)										
POWER LEVEL (10) 0 1 0	<input type="checkbox"/>	20.402(b)	<input type="checkbox"/>	20.405(c)	<input type="checkbox"/>	50.73(a)(2)(iv)	<input type="checkbox"/>	73.71(b)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)		
	<input type="checkbox"/>	20.405(a)(1)(i)	<input type="checkbox"/>	50.36(c)(1)	<input checked="" type="checkbox"/>	50.73(a)(2)(v)	<input type="checkbox"/>	73.71(c)			
	<input type="checkbox"/>	20.405(a)(1)(ii)	<input type="checkbox"/>	50.36(c)(2)	<input type="checkbox"/>	50.73(a)(2)(vii)	<input type="checkbox"/>				
	<input type="checkbox"/>	20.405(a)(1)(iii)	<input type="checkbox"/>	50.73(a)(2)(i)	<input checked="" type="checkbox"/>	50.73(a)(2)(viii)(A)	<input type="checkbox"/>				
	<input type="checkbox"/>	20.405(a)(1)(iv)	<input type="checkbox"/>	50.73(a)(2)(ii)	<input type="checkbox"/>	50.73(a)(2)(viii)(B)	<input type="checkbox"/>				
<input type="checkbox"/>	20.405(a)(1)(v)	<input type="checkbox"/>	50.73(a)(2)(iii)	<input type="checkbox"/>	50.73(a)(2)(x)	<input type="checkbox"/>					

LICENSEE CONTACT FOR THIS LER (12)

NAME J. G. HAYNES, STATION MANAGER	TELEPHONE NUMBER
	AREA CODE: 7 1 4 NUMBER: 4 9 2 1 - 7 7 1 0 1 0

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRRDS
X	WIE	IV	G 2 1 5 5	N					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

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

On January 17, 1985, at 0503, with Unit 2 defueled and Unit 3 in Mode 1 at 100% power, while placing the North Gas Stripper in service, a high radiation alarm was received on Plant Vent Stack Monitor 2/3-7808C. In accordance with Technical Specification 3.11.2.1, steps were taken to terminate the release and the release was secured at approximately 0700. Our evaluation of the site boundary concentrations, indicates a maximum concentration, when averaged over one hour, of 4.42 MPC. This release would result in a dose to a person, at the site boundary, of 0.07 mRem. A total of approximately 306 Ci (noble gas) was released.

The cause of the release was leaking drain valves on the North Gas Stripper preheater and regenerative heat exchanger manifold. Maintenance orders have been issued to repair these valves. The valves will be repaired and tested prior to returning the North Gas Stripper to service.

There are no reasonable or credible circumstances under which this event could have been more severe. Neither the health and safety of plant personnel nor the public were affected by this event.

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PDR ADOCK 05000361
S PDR

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

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

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

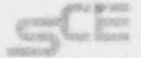
On January 17, 1985, at 0530, with Unit 2 defueled and Unit 3 in Mode 1 at 100% power, a high radiation alarm (EIIS Component Code RA) was received on Plant Ventilation Stack Monitor (EIIS Component Code MON) 2/3-7808C. In accordance with Technical Specification 3.11.2.1, actions were immediately taken to terminate the release. The release was terminated at approximately 0700 when the north gas stripper was isolated. The release was approximately 306 curies of noble gas. Site boundary concentrations, indicates a maximum concentration, when averaged over one hour, of 4.42 MPC.

The cause of the release was determined to be the failure of North Gas Stripper preheater and regenerative heat exchanger manifold drain valves (EIIS Component Code V). This allowed a mixture of Unit 3 pressurizer degas effluent and Primary Tanks (EIIS Component Code TK) recirculation to escape via the floor drains into the Radwaste Building Ventilation System (EIIS System Code VH) which exhausts to the Plant Vent Stack (EIIS System Code VL). Maintenance orders have been issued to repair the gas stripper drain valves and the entire North Gas Stripper will be leak tested with Helium prior to its return to service.

The South Gas Stripper experienced similar problems as reported in LER 84-054. Corrective actions, discussed in LER 84-054, were completed prior to this event.

There are no reasonable or credible circumstances under which this event could have been more severe. Neither the health and safety of plant personnel nor the public were affected by this event.

Southern California Edison Company



SAN ONOFRE NUCLEAR GENERATING STATION
P.O. BOX 128
SAN CLEMENTE, CALIFORNIA 92672

J. G. HAYNES
STATION MANAGER

February 15, 1985

TELEPHONE
(714) 492-7700

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

Subject: Docket No. 50-361
Informational Report
Licensee Event Report No. 85-008
San Onofre Nuclear Generating Station, Units 2 and 3

Pursuant to 10 CFR 50.73(a)(2)(v) and 50.73(a)(2)(viii), this submittal provides the required 30-day written Licensee Event Report (LER) for an occurrence involving the Waste Gas Processing System. Since this occurrence involved a shared system between Units 2 and 3, a single report is enclosed in accordance with NUREG-1022. 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. 85-008

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, U.S. NRC Region V)
Institute of Nuclear Power Operations (INPO)

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