

## 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 01

TITLE (4)

FIRE WATER MAIN LEAK

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)
06	16	84	84	033	01	07	16	84	SONGS UNIT 1	05000206
									SONGS UNIT 3	05000362

OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)									
1		20.402(b)		20.405(c)		50.73(a)(2)(iv)		73.71(b)			
POWER LEVEL (10)	100	20.405(a)(1)(i)		50.36(c)(1)		50.73(a)(2)(v)		73.71(c)			
		20.405(a)(1)(ii)	X	50.36(c)(2)		50.73(a)(2)(vii)		OTHER (Specify in Abstract below and in Text, NRC Form 366A)			
		20.405(a)(1)(iii)	X	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	TELEPHONE NUMBER
J. G. HAYNES, STATION MANAGER	714 492-7700

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?
X	KIP	IPSP	T278	N					
X	KIP	IISV	C418	N					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
X			09	14	84

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

On 6/16/84, at 1142, with Unit 2 in Mode 1 at 100% power and Units 1 and 3 in Mode 5, hydrostatic testing was being performed on a new section of fire main piping. Leakage occurred through the hydrostatic test boundary valves, pressurizing the entire fire main above the operating pressure, causing a break in the piping.

The three Unit 2/3 fire pumps started on low pressure. Flooding occurred in construction excavations in the Northeast corner of the Unit 2/3 protected area, and water flowed through telecommunication ducts under construction into the Unit 1 4kV Switchgear Room. No Unit 1 systems were rendered inoperable as a result of the water intrusion, nor was there any effect on Unit 1 fire protection systems.

The entire Unit 2/3 fire main was isolated, and the fire pumps were shut off. In accordance with LCOs 3.7.8.2 and 3.7.8.3, fire watches were established with portable extinguishers, however, the requirements for backup fire suppression equipment could not be satisfied. There was no significant loss of firefighting capability since the site fire engines and the seismic tanker trucks remained available throughout the event.

At 1515, the leak was isolated and system operability was restored. Our investigation into the valve leakage and pipe break and the evaluation of the effects of the flooding is continuing, and will be submitted in a revision to this LER.

*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

July 16, 1984

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

Subject: Docket No. 50-361  
30-Day Report  
Licensee Event Report No. 84-033  
San Onofre Nuclear Generating Station, Units 2 and 3

Pursuant to 10 CFR 50.36(c)(2) and 50.73(a)(2)(i)(B), this submittal provides the required 30-day written Licensee Event Report (LER) for an occurrence involving the fire suppression system. Since this occurrence involved a shared system between Units 2 and 3, a single LER for Unit 2 is enclosed per 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,

*RW Krueger for J.G. Haynes*

cc: A. E. Chaffee (USNRC, Resident Inspector Units 1, 2 and 3)  
A. J. D'Angelo (USNRC, Resident Inspector Unit 1)  
J. P. Stewart (USNRC, Resident Inspector Units 2 and 3)  
  
J. B. Martin (Regional Administrator, USNRC Region V)  
  
Institute of Nuclear Power Operations (INPO)

*IE22  
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