

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 3DOCKET NUMBER (2)
0 5 0 0 0 3 6 2 1 OF 0 1TITLE (4)
FUEL HANDLING ISOLATION SYSTEM (FHIS) ACTUATIONEVENT DATE (5)
MONTH DAY YEAR
0 6 1 6 8 5
LER NUMBER (6)
YEAR SEQ. NUMBER REV. NUMBER
8 5 0 2 1 0 0
REPORT DATE (7)
MONTH DAY YEAR
0 7 0 9 8 5
OTHER FACILITIES INVOLVED (8)
FACILITY NAMES
DOCKET NUMBER(S)
0 5 0 0 0 0 0 0 0 0 0 0OPERATING MODE (9)
1
POWER LEVEL (10)
0 6 2
THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)
20.402(b) 20.405(c) X 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) 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
H. E. MORGAN, STATION MANAGER
TELEPHONE NUMBER
AREA CODE
7 1 4 4 9 2 - 7 7 0 0COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)
CAUSE SYSTEM COMPONENT MANUFACTURER REPORTABLE TO NRCs CAUSE SYSTEM COMPONENT MANUFACTURER REPORTABLE TO NRCsSUPPLEMENTAL REPORT EXPECTED (14)
YES (If yes, complete EXPECTED SUBMISSION DATE) X NO
EXPECTED SUBMISSION DATE (15)
MONTH DAY YEAR

Abstract (Limit to 1400 spaces) Approximately fifteen single-space typewritten lines (16)

On 6/16/85, at 0820, with Unit 3 at 62% power, an actuation of the Fuel Handling Isolation System (FHIS) (EIIS Code VG) Train "B" occurred when Airborne Monitor (EIIS Component Code DET) 3RE-7823 B2 alarmed. The actuation was verified to be valid by confirming the monitor reading was above the alarm setpoint. All FHIS components functioned properly.

The cause of the actuation was an increase in the background radiation level in the Penetration Building and the Fuel Handling Building. The increase in background radiation was caused by a small amount of noble gas which may have escaped from a loose fitting (EIIS Component Code PSF) on the nitrogen supply line on the Waste Gas Surge Tank (EIIS Component Code TK). The noble gas was transported to the Penetration Building and the Fuel Handling Building through the ventilation system. Sampling of the spent fuel pool indicated there was no radioactive contamination present. There is no irradiated fuel in the Unit 3 Fuel Handling Building.

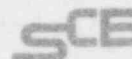
During the next several hours background radiation levels returned to normal as the noble gas was removed from the Penetration Building and Fuel Handling Building, and exhausted through the plant vent stack, which is a monitored release path. At 1045 FHIS Train "B" equipment was secured.

The loose fitting was tightened and the background radiation levels decreased. This is considered to be an isolated event, therefore no further action is planned.

There are no reasonable or credible circumstances which could have increased the severity of this event, since all FHIS components functioned as designed.

IE22
111

Southern California Edison Company



SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

July 9, 1985

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

Subject: Docket No. 50-362
30-Day Report
Licensee Event Report No. 85-021
San Onofre Nuclear Generating Station, Unit 3

Pursuant to 10 CFR 50.73(a)(2)(iv), this submittal provides the required 30-day written Licensee Event Report (LER) for an occurrence involving an actuation of the Fuel Handling Isolation System (FHIS). Neither the health and safety of plant personnel nor the health and safety of the public was affected by this event.

If you require any additional information, please so advise.

Sincerely,

H. E. MORGAN
STATION MANAGER

Enclosure: LER No. 85-021

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, USNRC Region V)

Institute of Nuclear Power Operations (INPO)

IE22
11