

NRC FORM 366
(12-81)
10 CFR 50

U.S. NUCLEAR REGULATORY COMMISSION
LICENSEE EVENT REPORT

APPROVED BY OMB
3150-0011

CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 C A S O S 2 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 1 4 5

CONT
01 L 6 0 5 0 0 0 3 6 1 7 0 2 1 1 8 3 8 0 8 0 8 8 3 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 With Unit 2 in Mode 3 and Unit 3 in Mode 5, at 0200 CREACUS Train A failed to
03 maintain the required 1/8" positive pressure in the Control Room during testing
04 and was declared inoperable. The Action Statement associated with LCO 3.7.5 was
05 entered and exceeded at 1750 when Train B failed the same test and was declared
06 inoperable. LCO 3.0.3 was invoked since the Action Statement had been exceeded.
07 Unit 2 was placed in Mode 5 at 2010 on 2/12/83 satisfying LCO 3.0.3, and LCO 3.7.5
08 Action Statement 'b' was entered. Control Room habitability was not affected
since normal ventilation remained operable.

09 S G 11 E 12 B 13 P E N E T R 14 X 15 Z 16
17 LER/RO REPORT NUMBER 8 3 1 0 1 0 1 0 1 X 1
18 B 19 F 20 A 21 A 22 0 0 2 5 23 Y 24 N 25 A 26 X 9 9 9

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 Failure of CREACUS to maintain the required positive pressure was due to air
11 leakage through the Control Room boundary. As immediate corrective action, new
12 door seals were installed and leaking wall penetrations were resealed. CREACUS
13 was tested and declared operable on 2/21/83. A Technical Specification change
14 now allows increased fan flow and filter pressure drop. (See attachment)

15 B 28 0 0 0 29 NA 30 B 31 Surveillance Testing 32
16 Z 33 Z 34 NA 35 NA 36

17 0 0 0 37 Z 38 NA 39

18 0 0 0 40 NA 41
8308220294 830808
PDR ADOCK 05000361
S PDR

19 Z 42 NA 43

20 N 44 NA 45

NAME OF PREPARER

H.B. RAY

PHONE

(714) 492-7700

NRC USE ONLY

ATTACHMENT TO LER 83-010
SOUTHERN CALIFORNIA EDISON COMPANY
SAN ONOFRE NUCLEAR GENERATING STATION
UNIT NO. 2, DOCKET NO. 50-361

SUPPLEMENTAL INFORMATION FOR CAUSE DESCRIPTION AND CORRECTIVE ACTIONS:

As stated in the original LER, measures to ensure Control Room boundary integrity are in effect and several design modifications are being implemented as listed below:

1. Loop seals have been provided for four common drain lines from equipment, sink, and floor drains which had communicated to outside of the Control Room boundary.
2. Closers, latchsets, and seals will be replaced on boundary doors.
3. Plaster walls are being painted with enamel to decrease their permeability.
4. The supply and exhaust fans will be interlocked to prevent operation of the exhaust alone, since this draws air through the Control Room boundary.
5. All recirculation unit flow indicators will be replaced.
6. BISCO sealing material used to seal penetrations is under evaluation. Repair or reinstallation will be performed as required.
7. A design change to reduce the Control Room boundary envelope is currently being developed.

As further corrective action, three new procedures have been incorporated into the Preventive Maintenance Program:

1. SO23-I-8.29 "Weekly Control Room Boundary Door Inspection"
2. SO23-I-8.45 "Monthly Control Room Boundary Inspection"
3. SO23-I-8.47 "Three-Month Control Room Isolation Damper Inspection"

These three procedures, in addition to SO23-I-2.46, "18-Month CREACUS Operating Test," assure continued CREACUS operability.

Southern California Edison Company

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

H. B. RAY
STATION MANAGER

RECEIVED
NRC

SCE

1983 AUG 12 AM 11:02

REGION VIII

TELEPHONE
(714) 492-7700

August 8, 1983

U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region V
1450 Maria Lane, Suite 210
Walnut Creek, California 94596-5368

Attention: Mr. J. B. Martin, Regional Administrator

Dear Sir:

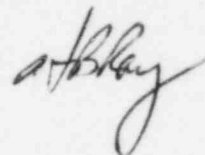
Subject: Docket No. 50-361 and 362
Revised Licensee Event Report No. 83-010 (Docket 50-361)
San Onofre Nuclear Generating Station, Units 2 and 3

Reference: Letter, H.B. Ray (SCE) to R.H. Engelken (NRC),
dated February 25, 1983,
"Licensee Event Report No. 83-010"

This letter provides a revision to the referenced Licensee Event Report (LER) which was made pursuant to Sections 6.9.1.12.b of Appendix A, Technical Specifications to Facility Operating Licenses NPF-10 and NPF-15 for San Onofre Units 2 and 3, respectively, for an occurrence involving the Control Room Emergency Air Cleanup System (CREACUS). The LER has been revised to incorporate updated information. A single LER for the occurrence for Unit 2 is provided in accordance with NUREG 0161, since the occurrence involved a system shared between Units 2 and 3.

If there are any questions regarding this revised LER, please contact me.

Sincerely,



Enclosure: LER 83-010 Units 2/3

1/1

IE-22
83-319

August 8, 1983

cc: A.E. Chaffee (USNRC Resident Inspector, Units 2 and 3)
J.P. Stewart (USNRC Resident Inspector, Units 2 and 3)

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