

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8808090111 DOC.DATE: 88/08/01 NOTARIZED: NO DOCKET #
 FACIL:50-362 San Onofre Nuclear Station, Unit 3, Southern Californ 05000362
 AUTH.NAME AUTHOR AFFILIATION
 MORGAN,H.E. Southern California Edison Co.
 RECIP.NAME RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

SUBJECT: LER 88-017-00:on 880701,spent fuel pool sihponing due to failure to implement UFSAR commitment.

W/8 ltr.

DISTRIBUTION CODE: IE22D COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 2
 TITLE: 50.73 Licensee Event Report (LER), Incident Rpt, etc.

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD5 LA	1 1	PD5 PD	1 1
	HICKMAN,D	1 1		
INTERNAL:	ACRS MICHELSON	1 1	ACRS MOELLER	2 2
	AEOD/DOA	1 1	AEOD/DSP/NAS	1 1
	AEOD/DSP/ROAB	2 2	AEOD/DSP/TPAB	1 1
	ARM/DCTS/DAB	1 1	DEDRO	1 1
	NRR/DEST/ADS 7E	1 0	NRR/DEST/CEB 8H	1 1
	NRR/DEST/ESB 8D	1 1	NRR/DEST/ICSB 7	1 1
	NRR/DEST/MEB 9H	1 1	NRR/DEST/MTB 9H	1 1
	NRR/DEST/PSB 8D	1 1	NRR/DEST/RSB 8E	1 1
	NRR/DEST/SGB 8D	1 1	NRR/DLPQ/HFB 10	1 1
	NRR/DLPQ/QAB 10	1 1	NRR/DOEA/EAB 11	1 1
	NRR/DREP/RAB 10	1 1	NRR/DREP/RPB 10	2 2
	NRR/DRIS/SIB 9A	1 1	NUDOCS-ABSTRACT	1 1
	<u>REG FILE</u> 02	1 1	RES TELFORD,J	1 1
	RES/DSIR DEPY	1 1	RES/DSIR/EIB	1 1
	RES/DSR DEPY	1 1	RGN5 FILE 01	1 1
EXTERNAL:	EG&G WILLIAMS,S	4 4	FORD BLDG HOY,A	1 1
	H ST LOBBY WARD	1 1	LPDR	1 1
	NRC PDR	1 1	NSIC HARRIS,J	1 1
	NSIC MAYS,G	1 1		

TOTAL NUMBER OF COPIES REQUIRED: LTTR 46 ENCL 45

R
I
D
S
/
A
D
D
S
/
A
D
D
S
/
A
D
D
S

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 1							
Title (4) SPENT FUEL POOL SIPHONING DUE TO THE FAILURE TO IMPLEMENT UPDATED FINAL SAFETY ANALYSIS REPORT (UFSAR) COMMITMENT																						
EVENT DATE (5)			LER NUMBER (6)					REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)											
Month	Day	Year	Year	///	Sequential	///	Revision	Month	Day	Year	Facility Names				Docket Number(s)							
				///	Number	///	Number				SONGS, UNIT 3				0 5 0 0 0 3 6 2							
0 7	0 1	8 8	8 8	---	0 1 7	---	0 0	0 8	0 1	8 8					0 5 0 0 0 1 1							
OPERATING MODE (9)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10CFR (Check one or more of the following) (11)																			
POWER LEVEL (10) 1 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)					Other (Specify in				
			20.405(a)(1)(iii)					50.73(a)(2)(i)					50.73(a)(2)(viii)(A)					Abstract below and				
			20.405(a)(1)(iv)					X 50.73(a)(2)(ii)					50.73(a)(2)(viii)(B)					in text)				
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 3 6 8 - 6 2 4 1												
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																						
CAUSE	SYSTEM	COMPONENT	MANUFAC-TURER	REPORTABLE TO NPRDS	////////	CAUSE	SYSTEM	COMPONENT	MANUFAC-TURER	REPORTABLE TO NPRDS	////////											
					////////						////////											
					////////						////////											
					////////						////////											
SUPPLEMENTAL REPORT EXPECTED (14)										Expected Submission Date (15)		Month	Day	Year								
XX Yes (If yes, complete EXPECTED SUBMISSION DATE) NO												1 1	1 5	8 8								
ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)																						

On 6/22/88, following an evolution involving the drain down of the Unit 3 Reactor Cavity, it was noticed that about 9000 gallons had siphoned from the Spent Fuel Pool (SFP) (EIS System Code DB) into the cavity, and the siphon flow path was immediately secured. On 7/1/88, following review of this occurrence, it was determined that a reportable condition exists for Units 2 and 3. Specifically, the siphoning of the SFP was contrary to Section 9.1.3.3 of Units 2 and 3 UFSAR which states, "All connections to the spent fuel storage pool are made so as to preclude the possibility of siphon draining of the pool." There was no safety significance to this event since the condition causing the lowering of the SFP was discovered and corrected before the SFP low level alarm setpoint was reached.

It was the intent of the design to implement the UFSAR commitment by use of siphon breakers, check valves, locked valves, and administrative controls. Although siphon breakers, check valves, and locked valves were installed, the administrative controls were not established. The transfer of the administrative requirements from the design organizations to the Station was ineffective in this case. Consequently, the procedure used during this event was inadequate as it did not preclude siphoning. Similar failures to implement design commitments have most recently been identified in LERs 88-006 and 88-008 (Docket Nos. 50-206 and 50-361, respectively).

As interim corrective action, the procedure controlling the alignment that led to the 6/22 siphoning has been revised to preclude similar siphoning. Additionally, we are currently evaluating all connections to the SFP to ensure proper implementation of the USFAR commitment. Establishment of a process to ensure design basis commitments are properly implemented and maintained is under evaluation. A supplemental LER, describing this program will be submitted promptly upon its completion.

8808090111 880801
PDR ADUCK 05000362
S PDC

IE 22 11



Southern California Edison Company

SAN ONOFRE NUCLEAR GENERATING STATION

P. O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

H. E. MORGAN
STATION MANAGER

TELEPHONE
(714) 368-6241

August 1, 1988

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

Subject: Docket No. 50-361
30-Day Report
Licensee Event Report No. 88-017
San Onofre Nuclear Generating Station, Units 2 and 3

Pursuant to 10 CFR 50.73(a)(2)(ii), this submittal provides the required 30-day written Licensee Event Report (LER) for a condition at Unit 2 and Unit 3 involving Spent Fuel Pool connections. Since this condition involved similar systems, cause and corrective actions; a single report is being submitted for Unit 2 in accordance with NUREG-1022. Neither the health and safety of plant personnel nor the health and safety of the public was affected by this occurrence.

If you require any additional information, please so advise.

Sincerely,

H. E. Morgan

Enclosure: LER No. 88-017

cc: F. R. Huey (USNRC Senior Resident Inspector, Units 1, 2 and 3)
J. B. Martin (Regional Administrator, USNRC Region V)
Institute of Nuclear Power Operations (INPO)

IE22
11