Intra (a)       SPENT FUEL STORAGE POOL SEAL       EVENT DATE (5)       LER NUMBER (6)       OTHER PACILITIES INVOLVED (8)       NUMBER (6)       OTHER (5)       OUBSUART TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (1)       20.405(a)(1)(i)       20.405(a)(1)(i)       20.405(a)(1)(i)	NRC F 9/83)	orm 36	56						LICE	NSE	EE	EVEN	IT R	POR	т (	LER)	U.S	APP	ROVI	REGULATO ED OMB NO 8/31/85			
SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 2     0 [5 [0 ]0 ]0 ]3 [6 ]1     1 [0 ]0 [0 ]0 ]1       SPENT FUEL STORAGE POOL SEAL     EER NUMBER [6]     REPORT DATE [7]     OTHER FACILITIES INVOLVED [8]       BEVENT DATE (8)     LER NUMBER [6]     REPORT DATE [7]     OTHER FACILITIES INVOLVED [8]       UNIT DAT VEAR VEAR     NUMBER [6]     REPORT DATE [7]     OTHER FACILITIES INVOLVED [8]       UNIT DAT VEAR VEAR     NUMBER [6]     REPORT DATE [7]     OTHER FACILITIES INVOLVED [8]       UNIT DAT VEAR VEAR     NUMBER [6]     REPORT DATE [7]     OTHER FACILITIES INVOLVED [8]       UNIT DAT VEAR VEAR     NUMBER [6]     REPORT DATE [7]     OTHER FACILITIES INVOLVED [8]       OF 10 [0 [0 [0 ]1 ]1     Q 2 [8 ]4     0 [5 [0 [0 [0 ]1 ]     0 [5 [0 [0 ]0 ]1       OFERATING     THE REPORT SUBMITTED PURSUAT TO THE REQUIREMENTS OF 10 CFR §: [Check one or more of the following) (1)     OTHER [6]       OFERATING     20.405(a)(1)(0 50.36(c)(2) 50.37(a)(2)(v)     20.37(a)(2)(v)     73.71(b)       OFERATING     20.405(a)(1)(0 50.37(a)(2)(v)     20.37(a)(2)(v)     73.71(c)       OTHER FACULATION MANAGER     7 [1 ]4     4 [9 [2 ] - [7 ]7 [0       COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)       AUXE VETER     COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)       SUMPLEMENTAL REPORT EXPECTED     X NO       SUMPLEMENTAL REPOR	FACILI	TYNAM			-				_								10	OCHET	NUMB	6H (2)	PA	GE (3)	
SPENT FUEL STORAGE POOL SEAL         SEVENT DATE (3)       OTHER NUMBER (6)       REPORT DATE (7)       OTHER PACILITIES INVOLVED (8)         NOTE INTO THE VIEWS IN MOTIO       DATE (7)       OTHER PACILITIES INVOLVED (8)         NOTE INTO THE REPORT DATE (7)       OTHER PACILITIES INVOLVED (8)         OTHER INTO THE REPORT DATE (7)       OTHER PACILITIES INVOLVED (8)         OTHER TEAM INTO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)         ODECRET IN SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)         DO 405(0)(10)       SO .405(0)(10)         DO 405(0)(10)       SO .405(0)(10)       SO .405(0)(10)         DO 405(0)(10)       SO .405(0)(10)       SO .30(2)(0)         DO 405(0)(10)       SO .30(2)(0)       SO .30(2)(0)       SO .30(2)(0)         DO 405(0)(10)       SO .30(2)(0)       SO .30(2)(0)       SO .30(2)(0)         DO 405(0)(10)       SO .30(2)(0)       SO .30(2)(0)       SO .30(2)(0)         DO 405(0)(10)       SO .30(2)(0) <th colsp<="" td=""><td></td><td></td><td>and the second</td><td></td><td>LEA</td><td>R GEI</td><td>NERAT</td><td>ING</td><td>STATI</td><td>ON.</td><td>U</td><td>IT 2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td></th>	<td></td> <td></td> <td>and the second</td> <td></td> <td>LEA</td> <td>R GEI</td> <td>NERAT</td> <td>ING</td> <td>STATI</td> <td>ON.</td> <td>U</td> <td>IT 2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td>			and the second		LEA	R GEI	NERAT	ING	STATI	ON.	U	IT 2										1
EVENT DATE (5)         LER NUMBER (6)         REPORT DATE (7)         OTHER PACILITIES INVOLVED (8)           MENTY         DAY         YEAR         NUMBER (6)         REPORT DATE (7)         OTHER PACILITIES INVOLVED (8)           MENTY         DAY         YEAR         NUMBER (6)         REPORT DATE (7)         DAY         YEAR         DECKET NUMBER(8)         D(5) 0 (0 0)         0         10         0 (5) 0 (0 0)         0         11         D(2) 8   4         0 (5) 0 (0 0)         0         10         0 (5) 0 (0 0)         0         10         0 (5) 0 (0 0)         0         10         0 (5) 0 (0 0)         0         10         0 (5) 0 (0 0)         0         10         0 (5) 0 (0 0)         10         0 (5) 0 (0 0)         10         0 (5) 0 (0 0)         10         20.405(a)(10)         50.73(a)(20)         73.71(b)         73.71(b)         73.71(b)         73.71(b)         73.71(b)         73.71(b)         73.71(b)         73.71(b)         73.71(c)	and the second data water									,					-		-	10.1.		- 1- 1- 1-	-1-17	1.5.15	
Date         VEAR         VEAR         VEAR         VEAR         VEAR         PACIFIES NAMES         DOCRET HUMBER(s)         O         S         S	SPEN	IT FI	JEL	STO	RAG	E POO	DL SE	AL															
BAT       DAT       VEAR       NUMBER       NUMBER <th< td=""><td>EVE</td><td>ENTD</td><td>ATE</td><td>(5)</td><td></td><td>LER</td><td></td><td>ER (6)</td><td></td><td>R</td><td>EPOI</td><td>RTDA</td><td>TE (7)</td><td></td><td></td><td></td><td>RFAC</td><td>LITIE</td><td>5 IN1</td><td></td><td></td><td></td></th<>	EVE	ENTD	ATE	(5)		LER		ER (6)		R	EPOI	RTDA	TE (7)				RFAC	LITIE	5 IN1				
10       0       2       8       4       0       6       0       0       1       0       2       8       4       0       5       0       0       0       1       0       2       8       4       0       5       0       0       0       1       0       2       8       4       0       5       0       0       0       0       0       1       0       2       8       4       0       5       0       0       0       0       5       0	NONTH	TH DAY YEAR YEAR NUMBER NUMBER MONTH DAY YEAR																					
Image:		1.00													-					0 5 0	0 0		
THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)         OWE IN THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)         OWE IN THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)         POWE I       20.405(a)(1)(i)       50.73(a)(2)(i)       50.73(a)(2)(i)         I (0 (0)       20.405(a)(1)(i)       50.73(a)(2)(i)       50.73(a)(2)(i)       73.71(c)         20.405(a)(1)(ii)       50.73(a)(2)(i)       50.73(a)(2)(ii)       50.73(a)(2)(ii)       73.71(c)         20.405(a)(1)(ii)       50.73(a)(2)(i)       50.73(a)(2)(ii)       73.71(c)         20.405(a)(1)(ii)       50.73(a)(2)(ii)       50.73(a)(2)(ii)       73.71(c)         20.405(a)(1)(ii)       50.73(a)(2)(ii)       50.73(a)(2)(ii)       73.71(c)         20.405(a)(1)(ii)       50.73(a)(2)(ii)         20.405(a)(1)(iv)       50.73(a)(2)(ii)         TELEPHONE NUMBER         AUDIT COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)         AUDIT COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)         SUPPLEMENTAL REPORT EXPECTED (14)         SUPPLEMENTAL REPORT EXPECTED (14) <td>1 10</td> <td>0.1</td> <td>2</td> <td>814</td> <td>81</td> <td>4 -</td> <td>0.16.1</td> <td>0 -</td> <td>0.0</td> <td>1</td> <td>11</td> <td>0 2</td> <td>121</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0 15 10</td> <td>0101</td> <td>1.1</td>	1 10	0.1	2	814	81	4 -	0.16.1	0 -	0.0	1	11	0 2	121	4						0 15 10	0101	1.1	
MODE (9)       1       20.402(b)       20.405(c)       50.73(a)(2)(v)       73.71(b)         POWER       20.405(a)(1)(i)       50.36(c)(1)       50.73(a)(2)(v)       73.71(b)         POWER       20.405(a)(1)(i)       50.36(c)(2)       50.73(a)(2)(v)       73.71(b)         POWER       20.405(a)(1)(i)       50.36(c)(2)       50.73(a)(2)(v)       73.71(b)         20.405(a)(1)(i)       50.73(a)(2)(i)       50.73(a)(2)(v)       73.71(b)         20.405(a)(1)(iv)       50.73(a)(2)(i)       50.73(a)(2)(v)       73.71(b)         20.405(a)(1)(iv)       50.73(a)(2)(i)       50.73(a)(2)(v)       73.71(b)         20.405(a)(1)(iv)       50.73(a)(2)(i)       50.73(a)(2)(v)       73.71(b)         20.405(a)(1)(v)       50.73(a)(2)(i)       50.73(a)(2)(v)       73.71(b)         20.405(a)(1)(v)       50.73(a)(2)(i)       50.73(a)(2)(v)       Report         Informational       Report       Informational       Report         J. G. HAYNES, STATION MANAGER       TELEPHONE NUMBER       TELEPHONE NUMBER         J. G. HAYNES, STATION MANAGER       COMPONENT       Maure of the second	- 1-	1-1	-		-particular			The state of the s	the state of the s	NAU	TO	VI	A. Younda	EMENTS	OF	10 CFR 8 : (	Check	one or	more	of the follo	owing)	(11)	
LEVEL       1       0       20.405(a)(11(i)       50.36(c)(2)       50.73(a)(2)(ii)       S0.73(a)(2)(iii)       S0.73(a)(2)(iiii)       S0.73(a)(2)(iii)       S0.73(a)(2)(ii				1		20.40	2(b)			2	0.40	5(c)				50.73(a)(2)(	(v)			73.71(b)			
(10)       1       U       20.405(a)(1)(i)       50.36(c)(2)       50.73(a)(2)(ii)       50.73(a)(2)(iii)       50.73(a)(2)(iiii)       50.73(a)(2)(iii)       50.73(a)(2)(iii						20.40	5(a)(1)()	3		5	0.36	(c)(1)				50.73(a)(2)(	v)			73.71(c)			
20.405(a)(1)(ii)       50.73(a)(2)(i)       50.73(a)(2)(ii)       50.73(a)(2)(iii)       10.6       10.6       Area coor       Report         LICENSRE CONTACT FOR THIS LER [12]         TELEPHONE NUMBER         Area coor         J. G. HAYNES, STATION MANAGER       7  1  4       4  9  2  -  7  7  0         COMPONENT MANAGER         TELEPHONE NUMBER         Area coor         Area coor         TELEPHONE NUMBER         Area coor         TELEPHONE NUMBER         Area coor         TELEPHONE NUMBER         TELEPHON			1	00	1	20.40	5(a)(1)(i	)		5	0.36	(c)(2)		1		50.73(a)(2)(	vii)	1913	X				
20.405(a)(1)(v)       50.73(a)(2)(ii)       50.73(a)(2)(x)       Report         LICENSEE CONTACT FOR THIS LER (12)         TELEPHONE NUMBER         TELEPHONE NUMBER         J. G. HAYNES, STATION MANAGER         COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)         AUSE VYSTEM         COMPONENT         SUPPLEMENTAL REPORT EXPECTED (14)         EXPECTED         YES (If Yes, complete EXPECTED         X         NO         Bubmission         YES SUBMISSION DATE)         YES (If Yes, complete EXPECTED         X         YES (If Yes, complete EXPECTED <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td>1.1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Form 366</td> <td>A)</td> <td></td>									-					1.1						Form 366	A)		
LICENSEE CONTACT FOR THIS LER (12)  TELEPHONE NUMBER  J. G. HAYNES, STATION MANAGER J. G. HAYNES, STATION MANAGER COMPONENT DELIVER FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT SUPPLEMENTAL REPORTABLE SUPPLEMENTAL REPORT EXPECTED (14) SUPPLEMENTAL REPORT EXPECTED (15) SUPPLEMENTAL REPORT EXPECTED (16) SUPPLEMENT EXPECTED (16) SUPPLEMENT EXPECTED (16) SUPPLEMENT EXPECTED (16) SUPPLEMENT EXPECTED (16) SUPP														. 4							onal		
TELEPHONE NUMBER         TELEPHONE NUMBER         J. G. HAYNES, STATION MANAGER         J. G. HAYNES, STATION MANAGER         COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)         AUSE VYSTEM       COMPONENT         MANUFAC:       TEPORTABLE         TO NUMBER         MANUFAC:         MANUFAC:       TEPORTABLE         CAUSE SYSTEM       COMPONENT         MANUFAC:       TEPORTABLE         MANUFAC:       TEPORTABLE         SUPPLEMENTAL REPORT EXPECTED (14)         SUPPLEMENTAL REPORT EXPECTED (14)       EXPECTED         YES (If yes, complete EXPECTED       No         MONTH DAY       MANUTAC         YES SUBMISSION DATE)         A NO       EXPECTED         YES SUBMISSION DATE)         ON THE DAY WE SUBMISSION DATE)         A NO       SUBMISSION DATE)         A NO       SUBMISSION DATE)         ON OCODER 2, 1984 at approximately 1030, with Un			<u> .</u>		1	20.40	5(a)(1)()	1	LICE					THIS	ER		*)	-	Re	port			
J. G. HAYNES, STATION MANAGER       7 11 4 4 9 2 - 7 7 0         COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)         AUSE SYSTEM COMPONENT         MAULAC: TEPORTABLE TO NHADE         COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)         AUSE SYSTEM COMPONENT         MAULAC: TEPORTABLE TO NHADE         COMPONENT         MAULAC: TEPORTABLE TO NHADE         SUPPLEMENTAL REPORT EXPECTED (14)         EXPECTED         YES (If yes, complete EXPECTED         X NO         SUPPLEMENTAL REPORT EXPECTED (14)         EXPECTED         YES (If yes, complete EXPECTED         X NO         SUBMISSION DATE)         ON OCtober 2, 1984 at approximately 1030, with Unit 2 in Mode 1 at 100% power, the inflatable seals between the spent fuel storage puol (SFSP) and the spent fuel shipping container pit (SFSCP) partially deflated due to low service air pressure causing the water level in the spent fuel pool to drop from 27' 5 1/2" to 25' 10". At no time did the level in the SFSP drop below the 23' level of Technical Specification 3.9.11. At 1042, service air was restored and the seals reinflated. Since no fuel was in the SFSP at the time the event occurred, the Technical Specification was not <td>AME</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td>TE</td> <td>LEPHONE</td> <td>NUMBE</td> <td>R</td>	AME		-		-														TE	LEPHONE	NUMBE	R	
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)         AUSE \$V\$TEM       COMPONENT       MANUFAC       REPORTABLE       CAUSE \$V\$TEM       COMPONENT       MANUFAC       REPORTABLE         B       L       F       C       M       P       A       5       4       4       N       I																		AREA	CODE				
AUSE       SUSTEN       COMPONENT       MANUFACTURER       REPORTABLE         B       L  F       C  M  P         A  5  4  4       N       Image: Component in the superconduction of th		_		J. G	i. H	AYNES	s, st	ATIO	N MAN	IAGE	R		1			Section and the		7 1	4	4 9 2	- 17 17	7 0 0	
ADJE SUBJEAN COMPONENT TUREN TO NUMBER TO NUMB			-			COM	PLETE O	NE LIN	E FOR	EACH	CON	APONEN	T FAI	URE DI	ESCI	RIBED IN THE	S REPO	RT (1)	3)	F			
SUPPLEMENTAL REPORT EXPECTED (14)         YES (If yes, complete EXPECTED X NO         Abstract (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)         On October 2, 1984 at approximately 1030, with Unit 2 in Mode 1 at 100% power, the inflatable seals between the spent fuel storage puol (SFSP) and the spent fuel shipping container pit (SFSCP) partially deflated due to low service air pressure causing the water level in the spent fuel pool to drop from 27' 5 1/2" to 25' 10". At no time did the level in the SFSP drop below the 23' level of Technical Specification 3.9.11. At 1042, service air was restored and the seals reinflated. Since no fuel was in the SFSP at the time the event occurred, the Technical Specification was not	AUSE	SYSTER	и с	OMPON	ENT			REPOR	TABLE				CAUS	SYSTER		COMPONENT							
YES (If yes, complete EXPECTED X NO       X NO         Abstract (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)         On October 2, 1984 at approximately 1030, with Unit 2 in Mode 1 at 100% power, the inflatable seals between the spent fuel storage puol (SFSP) and the spent fuel shipping container pit (SFSCP) partially deflated due to low service air pressure causing the water level in the spent fuel pool to drop from 27' 5 1/2" to 25' 10". At no time did the level in the SFSP drop below the 23' level of Technical Specification 3.9.11. At 1042, service air was restored and the seals reinflated. Since no fuel was in the SFSP at the time the event occurred, the Technical Specification was not	в	LIF	0	M   P	4	A  5	4  4	N						1		111	1	EL.					
YES (If yes, complete EXPECTED X NO       X NO         Abstract (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)         On October 2, 1984 at approximately 1030, with Unit 2 in Mode 1 at 100% power, the inflatable seals between the spent fuel storage puol (SFSP) and the spent fuel shipping container pit (SFSCP) partially deflated due to low service air pressure causing the water level in the spent fuel pool to drop from 27' 5 1/2" to 25' 10". At no time did the level in the SFSP drop below the 23' level of Technical Specification 3.9.11. At 1042, service air was restored and the seals reinflated. Since no fuel was in the SFSP at the time the event occurred, the Technical Specification was not		1		11	1	-	1.1								T	E E E	1	1.1					
VES (If yes, complete EXPECTEDXNOAbstract (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)On October 2, 1984 at approximately fifteen single-space typewritten lines) (16)On October 2, 1984 at approximately 1030, with Unit 2 in Mode 1 at 100% power, the inflatable seals between the spent fuel storage puol (SFSP) and the spent fuel shipping container pit (SFSCP) partially deflated due to low service air pressure causing the water level in the spent fuel pool to drop from 27' 5 1/2" to 25' 10". At no time did the level in the SFSP drop below the 23' level of Technical Specification 3.9.11. At 1042, service air was restored and the seals reinflated. Since no fuel was in the SFSP at the time the event occurred, the Technical Specification was not			i des	-11	-	SUPPL	EMENT	ALRI	EPORT	EXPE	CTE	D (14)	a		-		l		-	MONTH	DAY	YEAP	
Abstract (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16) On October 2, 1984 at approximately 1030, with Unit 2 in Mode 1 at 100% power, the inflatable seals between the spent fuel storage pool (SFSP) and the spent fuel shipping container pit (SFSCP) partially deflated due to low service air pressure causing the water level in the spent fuel pool to drop from 27' 5 1/2" to 25' 10". At no time did the level in the SFSP drop below the 23' level of Technical Specification 3.9.11. At 1042, service air was restored and the seals reinflated. Since no fuel was in the SFSP at the time the event occurred, the Technical Specification was not																	SU	BMISS	ION				
On October 2, 1984 at approximately 1030, with Unit 2 in Mode 1 at 100% power, the inflatable seals between the spent fuel storage pool (SFSP) and the spent fuel shipping container pit (SFSCP) partially deflated due to low service air pressure causing the water level in the spent fuel pool to drop from 27' 5 1/2" to 25' 10". At no time did the level in the SFSP drop below the 23' level of Technical Specification 3.9.11. At 1042, service air was restored and the seals reinflated. Since no fuel was in the SFSP at the time the event occurred, the Technical Specification was not									1								D	ATE ()	(5)	11	1.1.	1.1	
Corrective actions include: 1) Level in the SFSP was restored to normal;	On ( infl ship caus no t 3.9. was appl	Doctol latal oping sing time .11. in lical	ber ble g c th di A the ble	2, sea onta e wa d th t 10 SFS	198 15 1s ine ter e 10 42, P a	4 at betwo r pit leve evel serv t the	approximent t (SF el in tin t vice tim	oxim he s SCP) the he S air e th	X ately pent part sper FSP c was r e eve	NO fue tial tfue trop rest	30, 1 s 1y iuel becore occ	wit stora defl poo elow ed an curre	h Un ge n ateo 1 to the d the d,	nit 2 buol d due dro 23' ne se the T	ii (Si to p lev al: eci	FSP) and o low se from 27' vel of To s reinfl hnical S	at the rvic 5 1 echn ated peci	100% spe e ai /2" ical . S fica	point r p to Sp inc tio	wer, th fuel ressure 25' 10" ecifica e no fu n was n	e . Ai tion el	t	

once per shift when seals are used as a liquid retaining boundary with irradiated fuel

There was no loss of safety function because the SFSP is only required to be operable

when irradiated fuel assemblies are in the SFSP.

8411160607 841102 PDR ADOCK 05000361 PDR

NRC Form 3 (9-83) S

present.

IE 22

1/1

NRC Form 366A (9/83)	ENSEE EVENT REPORT ( TEXT CONTINUATION	U.S. NUCLEAR REGULATORY COMMISSION APPROVED OMB NO. 3150-0104 EXPIRES: 8/31/85						
FACILITY NAME(1)	DOCKET NUMBER (2)		LER NU	LER NUMBER (6)			E (3)	
		YEAR	NUM	0. 888	REV. NUMBER			
SAN ONDERE NUCLEAR GENERATING STA	TION.	1.1					1.0	

0 5 0 0 0 3 6 1 8 4 - 0 6 0 - 0 0 0 2 0F 0 2

On October 2, 1984, at 1005 with Unit 2 in Mode 1 at 100% power, a 220 kV system disturbance on the grid, not associated with the plant, caused system frequency at San Onofre Nuclear Generating Station to drop to 59.2 Hz. The frequency returned to normal after 10 minutes. This disturbance caused the nonsafety-related electric temporary service air compressor (EIIS Component Code CMP) to trip. The temporary service air compressors are being utilized until design modifications, in progress, can be completed. The design modifications will install permanent service air compressors, with increased capacity, as well as upgrade the installed permanent instrument air compressors. It is hypothesized that the low frequency caused an overload condition for the compressor motor (EIIS Component Code MO). One function of this air compressor is to provide air to the inflatable seals (EIIS Component Code SEAL) between the spent fuel storage pool (SFSP) (EIIS System ND) and the spent fuel shipping container pit (SFSCP) (EIIS System ND). The backup temporary diesel driven air compressor (EIIS Component Code CMP) failed to start and the resultant low service air pressure then allowed the seals between the SFSP and the SFSCP to partially deflate. Prior to the event, the SFSP was filled with water to a level which would correspond to 27' 5 1/2" above the top of the fuel assemblies. At approximately 1030, plant personnel in the Spent Fuel Building noted water flowing from the SFSP through the seals and into the SFSCP which was drained at the time. The level in the SFSP dropped to a minimum level of 25' 10". The event was terminated at 1042 when service air was restored and the seals were reinflated. The 1' 7 1/2" drop in SFSP level corresponds to approximately 20,000 gallons. The level in the SFSP remained above the 23' minimum level of Technical Specification 3.9.11. Since there was no fuel in the SFSP, the Technical Specification was not applicable.

The cause of this event was that the seal system was not designed against such a failure. To preclude recurrence, the following actions have been or will be taken: 1) The level in the SFSP was returned to normal; 2) A design change to provide a separate and redundant backup pressurization system to the seals will be installed prior to each seal's use as a liquid retaining boundary with irradiated fuel present; 3) Applicable procedures will be revised to reflect the upgraded system design; and 4) A surveillance of the system will be conducted once per shift when seals are used as a liquid retaining boundary with irradiated fuel present. A complete description of SCE actions is provided in the SCE response to IE Bulletin 84-03.

In absence of this initiating event, the investigation necessary to respond to IE Bulletin 84-03, which came to the attention of plant personnel subsequent to the incident, would have resulted in the same corrective actions discussed herein. Although, as discussed above, there are no reasonable or credible circumstances under which this event would have been more severe, seal leakage, due to failure of the pressurization systems, can result in draining of the SFSP to below Technical Specification limits and below SFSP cooling system intake suction piping.

We have concluded that there was no safety significance to the event because there was no irradiated fuel in the pool and actions were initiated by SCE to provide a redundant pressurization system prior to each seal's use as a liquid retaining boundary with irradiated fuel present.

UNIT 2

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

## 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

IE22 11,

and the form

November 2, 1984

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

Subject: Docket No. 50-361 Informational Report Licensee Event Report No. 84-060 San Onofre Nuclear Generating Station, Unit 2

This submittal provides an informational Licensee Event Report (LER) for an occurrence involving the spent fuel storage pool seal. 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,

Voc Haymes-

Enclosure: LER No. 84-060

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, NRC Region V)

Institute of Nuclear Power Operations (INPO)