



SOUTHERN CALIFORNIA
EDISON

An EDISON INTERNATIONAL Company

R. W. Krieger
Vice President
Nuclear Generation

November 6, 1996

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

Subject: Docket No. 50-362
30 Day Report
Licensee Event Report No. 96-006
San Onofre Nuclear Generating Station, Unit 3

This submittal provides a written Licensee Event Report (LER) to report an engineered safety feature actuation. Neither the health nor the safety of plant personnel or the public was affected by this occurrence.

Sincerely,

Enclosure: LER No. 96-006

cc: L. J. Callan, Regional Administrator, NRC Region IV
J. P. Dyer, Director of Reactor Safety, NRC Region IV
K. E. Perkins, Jr., Director, Walnut Creek Field Office, NRC Region IV
J. A. Sloan, NRC Senior Resident Inspector, San Onofre Units 2 & 3
M. B. Fields, NRC Project Manager, San Onofre Units 2 and 3
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JE221/

LICENSEE EVENT REPORT (LER)

Facility Name (1) SAN ONDRE NUCLEAR GENERATING STATION, UNIT 3										Docket Number (2) 0 5 0 0 0 3 6 2				Page (3) 1 of 0 1											
Title (4) Containment Purge Isolation Actuation																									
EVENT DATE (5)			LER NUMBER (6)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)															
Month	Day	Year	Year	///	Sequential Number	///	Revision Number	Month	Day	Year	Facility Names				Docket Number(s)										
1	0	2	5	9	6	9	6	---	0	0	6	---	0	0	1	1	0	6	9	6	NONE	0 5 0 0 0 0			
OPERATING MODE (9)			1				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)		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									
								20.405(a)(1)(iii)		50.73(a)(2)(i)				50.73(a)(2)(viii)(A)		Abstract below and									
								20.405(a)(1)(iv)		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 R. W. Krieger, Vice President, Nuclear Generation										TELEPHONE NUMBER															
										AREA CODE		7 1 4 3 6 8 - 6 2 5 5													
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																									
CAUSE	SYSTEM	COMPONENT	MANUFAC-	REPORTABLE	////////	CAUSE	SYSTEM	COMPONENT	MANUFAC-	REPORTABLE	////////														
			TURER	TO NPRDS	////////				TURER	TO NPRDS	////////														
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SUPPLEMENTAL REPORT EXPECTED (14)												Expected Submission Date (15)		Month	Day	Year									
<input type="checkbox"/> Yes (If yes, complete EXPECTED SUBMISSION DATE) <input checked="" type="checkbox"/> NO																									

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

At 0955 on 10/25/96, with Unit 3 in Mode 1 at full power, a containment purge isolation signal (CPIS) [JE][VA] actuated due to gaseous radiation inside containment slowly trending upward from the normal maximum background of 500 counts per minute (cpm). Radiation was increasing due to a suspected small (less than 0.03 gpm) pressurizer [PZR] vapor space leak. All equipment functioned as required when the CPIS actuated at the installed monitor setpoint of 900 cpm. As containment was not being purged at that time, no equipment changed state. Edison reported this CPIS actuation in accordance with 10CFR50.72(b)(2)(ii) at 1200 on 10/25/96, and is submitting this report in accordance with 10CFR50.73(a)(2)(iv).

On 8/5/96, Edison had implemented the Technical Specification Improvement Program (TSIP) which revised the CPIS actuation setpoint. Prior to TSIP, the CPIS setpoint was 1E6 cpm. Under TSIP, and consistent with NUREG-1432, the new CPIS setpoint was two times background (normally about 350-500 cpm), with allowance for setting tolerance and drift. Edison recognized that the TSIP setpoint was too low, and had sought, in an amendment request dated 7/19/95 and approved on 10/8/96, NRC authorization to increase the setpoint. The 30-day implementation of the new setpoint (about 1E4 cpm) was in process when the CPIS actuation occurred. Edison installed the revised setpoint on 11/1/96.

This event had no safety significance because plant components functioned as required in response to a very small increase in containment activity.

Edison has not reported any other CPIS actuations in the last three years.