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 MORGAN, H.E. Southern California Edison Co.
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SUBJECT: LER 90-007-00: on 900503, EQ discrepancies.

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June, 19, 1990

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U. S. Nuclear Regulatory Commission
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Washington, D.C. 20555

Subject: Docket No. 50-362
30-Day Report
Licensee Event Report No. 90-007
San Onofre Nuclear Generating Station, Unit 3

Pursuant to 10 CFR 50.73(d), this submittal provides the required 30-day written Licensee Event Report (LER) for an occurrence involving equipment qualification discrepancies. Neither the health and safety of plant personnel or the public was affected by this occurrence.

If you require any additional information, please so advise.

Sincerely,

H E Morgan

Enclosure: LER No. 90-007

cc: C. W. Caldwell (USNRC Senior Resident Inspector, Units 1, 2 and 3)

J. B. Martin (Regional Administrator, USNRC Region V)

Institute of Nuclear Power Operations (INPO)

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LICENSEE EVENT REPORT (LER)														
Facility Name (1) SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 3										Docket Number (2) 0 5 0 0 0 3 6 2			Page (3) 1 of 0 1	
Title (4)														
ENVIRONMENTAL QUALIFICATION (EQ) DISCREPANCIES														
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)
0	5	03	9	0	9	0	0	0	6	1	9	9	0	0
OPERATING MODE (9) 6			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10CFR (Check one or more of the following) (11)											
POWER LEVEL (10) 0 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)			X 50.36(c)(2)			50.73(a)(2)(vii)			Other (Specify in Abstract below and in text)		
			20.405(a)(1)(iii)			X 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, Vice President and Site Manager										TELEPHONE NUMBER AREA CODE 7 1 4 3 6 8 - 9 4 7 0				
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)				
XX Yes (If yes, complete EXPECTED SUBMISSION DATE) NO										Month	Day	Year		
										1	0	9		
ABSTRACT (Limit to 1400 paces, i.e., approximately fifteen single-space typewritten lines) (16)														

With Unit 3 shutdown for refueling, an extensive validation effort of environmentally qualified (EQ) equipment located in Unit 3 containment was performed as a corrective action discussed in LER 89-012-01 (Docket No. 50-361). This effort resulted in the identification of several EQ discrepancies. On 5/20/90, it was confirmed that some of these discrepancies were nonconforming, and therefore, may be reportable as a condition prohibited by plant Technical Specifications. Specifically, a non-EQ pressure transmitter [PT] was installed as an EQ wide range pressurizer [PZR] pressure transmitter, a non-EQ terminal block [BLK] was installed on a Shutdown Cooling System [BP] suction isolation valve [ISV], and heat shrink insulation [ISL] is missing on the cable connectors [CON] for all four pressurizer safety valve [RV] position sensors. Actions will be taken to correct the above noted discrepancies in accordance with EQ requirements prior to returning the unit to service.

Our preliminary investigation indicates that these EQ discrepancies are a result of both original installation activities and maintenance activities. A formal root cause evaluation will be performed and corrective actions developed. A revision to this LER will be submitted, which will provide additional information about our findings, causes and corrective action to prevent recurrence.