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October 16, 2008

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555-0001

Subject: **Docket No. 50-361**
Licensee Event Report No. 2007-005
San Onofre Nuclear Generating Station, Unit 2

Dear Sir or Madam:

This submittal provides a voluntary Licensee Event Report (LER) 2007-005 to report the inoperability of a pump room cooler due to a loose electrical connection. Neither the health nor the safety of plant personnel or the public was affected by this occurrence.

If you require any additional information, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Albert R. Hochevar".

Albert R. Hochevar
Station Manager

Unit 2 LER No. 2007-005

cc: E. E. Collins, NRC Regional Administrator, Region IV
G. G. Warnick, NRC Senior Resident Inspector, San Onofre Units 2 & 3

LICENSEE EVENT REPORT (LER)

(See reverse for required number of digits/characters for each block)

1. FACILITY NAME San Onofre Nuclear Generating Station Unit 2	2. DOCKET NUMBER 05000-361	3. PAGE 1 OF 1
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4. TITLE
Loose electrical connection results in Inoperable pump room cooler

5. EVENT DATE			6. LER NUMBER			7. REPORT DATE			8. OTHER FACILITIES INVOLVED	
MO	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REV NO	MO	DAY	YEAR	FACILITY NAME	DOCKET NUMBER
03	01	2007	2007-005-00			10	16	2008		

9. OPERATING MODE	1	11. THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check all that apply)			
10. POWER LEVEL	99	<input type="checkbox"/> 20.2201(b)	<input type="checkbox"/> 20.2203(a)(3)(ii)	<input type="checkbox"/> 50.73(a)(2)(ii)(B)	<input type="checkbox"/> 50.73(a)(2)(ix)(A)
		<input type="checkbox"/> 20.2201(d)	<input type="checkbox"/> 20.2203(a)(4)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(x)
		<input type="checkbox"/> 20.2203(a)(1)	<input type="checkbox"/> 50.36(c)(1)(i)(A)	<input type="checkbox"/> 50.73(a)(2)(iv)(A)	<input type="checkbox"/> 73.71(a)(4)
		<input type="checkbox"/> 20.2203(a)(2)(i)	<input type="checkbox"/> 50.36(c)(1)(ii)(A)	<input type="checkbox"/> 50.73(a)(2)(v)(A)	<input type="checkbox"/> 73.71(a)(5)
		<input type="checkbox"/> 20.2203(a)(2)(ii)	<input type="checkbox"/> 50.36(c)(2)	<input type="checkbox"/> 50.73(a)(2)(v)(B)	<input checked="" type="checkbox"/> OTHER
		<input type="checkbox"/> 20.2203(a)(2)(iii)	<input type="checkbox"/> 50.46(a)(3)(ii)	<input type="checkbox"/> 50.73(a)(2)(v)(C)	Specify in Abstract below or in NRC Form 366A Voluntary
		<input type="checkbox"/> 20.2203(a)(2)(iv)	<input type="checkbox"/> 50.73(a)(2)(i)(A)	<input type="checkbox"/> 50.73(a)(2)(v)(D)	
		<input type="checkbox"/> 20.2203(a)(2)(v)	<input type="checkbox"/> 50.73(a)(2)(i)(B)	<input type="checkbox"/> 50.73(a)(2)(vii)	
<input type="checkbox"/> 20.2203(a)(2)(vi)	<input type="checkbox"/> 50.73(a)(2)(i)(C)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)			
<input type="checkbox"/> 20.2203(a)(3)(i)	<input type="checkbox"/> 50.73(a)(2)(ii)(A)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)			

12. LICENSEE CONTACT FOR THIS LER

NAME Albert R. Hochevar, Station Manager	TELEPHONE NUMBER (Include Area Code) 949-368-9275
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13. COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX
				N					

14. SUPPLEMENTAL REPORT EXPECTED	15. EXPECTED SUBMISSION DATE	MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE) <input checked="" type="checkbox"/> NO <input type="checkbox"/>				

16. ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines)

On 3/1/07 with Unit 2 at about 99 percent power, the Spent Fuel Pool (SFP) Pump [DA] Room Emergency Air Conditioning Fan was started for air flow measurement and tripped on thermal overload. SCE found the phase A connection loose with evidence of arcing. SCE concluded this caused high current in the other 2 phases and the trip. SCE subsequently determined the loose connection likely resulted from incomplete maintenance on 10/27/06 when the thermal overloads were replaced. SCE considers the fan was inoperable from 10/27/06 to 3/1/07.

The Bases for Technical Specification 3.7.10, Emergency Chilled Water [KM], requires SCE to enter the applicable Action for supported equipment if an inoperable room cooler is not restored within 14 days. This Action was Licensee Controlled Specification 3.7.106.A. The inoperability was not recognized and the Action was not entered. Failure to enter this Action does not violate TS, but it does not meet its expectations.

SCE verified that there was no increase in decay heat load in the SFP from 10/27/06 to 3/1/07. Therefore, there was little safety significance to the event.

SCE identified this event in an 8/18/08 audit of previous occurrences of loose electrical connections. The audit and assessment for reportability is part of corrective actions resulting from previous events (LER 2-2008-006, submitted 9/17/08 and LER 3-2005-01, submitted 8/23/05).