Nebraska Public Power District
Nebraska's Energy Leader

NLS2000047
May 1, 2000

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

Gentlemen:

Subject: Licensee Event Report No. 2000-008
Cooper Nuclear Station, NRC Docket 50-298, DPR-46

The subject Licensee Event Report is forwarded as an enclosure to this letter.

Sincerely,

J. A. McDonald
Plant Manager

/rar
Enclosure

cc: Regional Administrator
USNRC - Region IV

Senior Project Manager
USNRC - NRR Project Directorate IV-1

Senior Resident Inspector
USNRC

NPG Distribution

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IE22

NRC FORM 366 (6-1998) U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB NO. 3150-0104 EXPIRES 06/30/2001

Estimated burden per response to comply with this mandatory information collection request: 50 hrs. Reported lessons learned are incorporated into the licensing process and fed back to industry. Forward comments regarding burden estimate to the Records Management Branch (T-6 F33), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, and to the Paperwork Reduction Project (3150-0104), Office of Management and Budget, Washington, DC 20503. If an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

LICENSEE EVENT REPORT (LER)

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

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
Cooper Nuclear Station	05000298	1 OF 2

TITLE (4)

Non-conservative Drywell Temperature Profile Places Plant in a Condition Outside of Design Basis

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 NAME	DOCKET NUMBER
04	01	2000	2000	-- 008 --	00	05	01	2000		05000
									FACILITY NAME	DOCKET NUMBER
										05000

OPERATING MODE (9)	5
POWER LEVEL (10)	000

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)

	20.2201(b)		20.2203(a)(2)(v)		50.73(a)(2)(i)		50.73(a)(2)(viii)
	20.2203(a)(1)		20.2203(a)(3)(i)	X	50.73(a)(2)(ii)		50.73(a)(2)(x)
	20.2203(a)(2)(i)		20.2203(a)(3)(ii)		50.73(a)(2)(iii)		73.71
	20.2203(a)(2)(ii)		20.2203(a)(4)		50.73(a)(2)(iv)		OTHER
	20.2203(a)(2)(iii)		50.36(c)(1)		50.73(a)(2)(v)		Specify in Abstract below or in NRC Form 366A
	20.2203(a)(2)(iv)		50.36(c)(2)		50.73(a)(2)(vii)		

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER (Include Area Code)
S. R. Mahler, Assistant Manager Nuclear Licensing and Safety	(402) 825-3811

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

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

SUPPLEMENTAL REPORT EXPECTED (14)				EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
X	YES (If yes, complete EXPECTED SUBMISSION DATE).		NO		08	01	2000

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

On April 1, 2000, during a review of Equipment Qualification Data Packages, it was discovered that Buchanan Model 0241 terminal blocks installed in primary containment had been qualified to a temperature which may not bound the worst case environmental conditions.

Due to the increased scrutiny of Equipment Qualification (EQ) equipment inside of the drywell, a decision was made to inspect a sample of EQ splices to determine that no obvious degradation or improper installation existed. Based on this inspection several instances of improper installation of Okonite EQ splices were found. This led to the concern that EQ testing may not have been sufficient to qualify Okonite splice configurations found during the walkdown since the plant configurations were not sufficiently similar to the tested splices. Additional issues affecting the EQ program have been identified during this investigation.

A team has been formed, and a schedule established to investigate and resolve the EQ issues.

Results of the EQ issue evaluation will be incorporated into a supplement to this report.

FACILITY NAME (1)	DOCKET (2)	LER NUMBER (6)			PAGE (3)
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	
Cooper Nuclear Station	05000298	2000	-- 008 --	00	2 OF 2

TEXT *(If more space is required, use additional copies of NRC Form 366A)* **(17)**

PLANT STATUS

Cooper Nuclear Station (CNS) was in Mode 5 for Refueling Outage 19 at the time this condition was discovered on April 1, 2000.

EVENT DESCRIPTION

On April 1, 2000, during a review of Equipment Qualification Data Packages, it was discovered that Buchanan Model 0241 terminal blocks installed in primary containment had been qualified to a peak temperature which may not bound the worst case environmental conditions. Although the terminal blocks are qualified to a peak temperature above the current design basis accident conditions described in the Updated Safety Analysis Report accident analysis, certain high energy line breaks inside containment may result in temperatures which exceed the qualification temperature.

Due to the increased scrutiny of Equipment Qualification (EQ) equipment inside of the drywell, a decision was made to inspect a sample of EQ splices to determine that no obvious degradation or improper installation existed. Based on this inspection several instances of improper installation of Okonite EQ splices were found. This led to the concern that EQ testing may not have been sufficient to qualify Okonite splice configurations found during the walkdown since the plant configurations were not sufficiently similar to the tested splices. Additional issues affecting the EQ program have been identified during this investigation.

A team has been formed, and a schedule established to investigate and resolve EQ issues.

Results of the EQ issue evaluation will be incorporated into a supplement to this report.

BASIS OF REPORT

The condition identified on April 1, 2000, is reportable under the requirements of 10CFR50.73(a)(2)(ii)(B) in that CNS was in a condition that was outside the design basis of the plant.

Correspondence Number: NLS2000047

The following table identifies those actions committed to by the District in this document. Any other actions discussed in the submittal represent intended or planned actions by the District. They are described to the NRC for the NRC's information and are not regulatory commitments. Please notify the NL&S Manager at Cooper Nuclear Station of any questions regarding this document or any associated regulatory commitments.

COMMITMENT	COMMITTED DATE OR OUTAGE
CNS is conducting an investigation of EQ issues. Results of the EQ issue evaluation will be incorporated into a supplement to this report.	N/A