



**Nebraska Public Power District**

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50.46(a)(3)(ii)

NLS2006097  
December 28, 2006

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

**Subject:** Annual Report of Changes and Errors in Emergency Core Cooling System  
Evaluation Models  
Cooper Nuclear Station, Docket No. 50-298, DPR-46

**Reference:** Letter from Paul Fleming, Nebraska Public Power District, to U.S. Nuclear  
Regulatory Commission, dated October 23, 2006, "Reporting of Changes in  
Emergency Core Cooling System Evaluation Models"

The purpose of this letter is to submit the 2006 annual report of changes or errors in the  
Emergency Core Cooling System (ECCS) Evaluation Models pursuant to 10 CFR  
50.46(a)(3)(ii) for the Cooper Nuclear Station (CNS).

By letter dated October 23, 2006 (Reference) the Nebraska Public Power District (NPPD)  
reported the reanalysis of the Licensing Basis (LB) Peak Clad Temperature (PCT) for CNS,  
including the nature of the change and the estimated impact on PCT pursuant to 10 CFR  
50.46(a)(3)(i). That letter reported the PCT as 2040°F. NPPD reports that there were no  
other errors or changes to the ECCS Evaluation Models used for CNS, and that the current  
value of PCT for CNS is 2040°F as reported in the Reference letter. As a result, CNS  
continues to comply with the PCT limit of 2200°F specified in 10 CFR 50.46(b)(1).

NPPD has historically submitted the CNS annual report required by 10 CFR 50.46(a)(3)(ii)  
in the later part of December each year. NPPD advises the Nuclear Regulatory Commission  
that, beginning with the calendar year 2007 reporting period, this report will be submitted in  
January of the year following the close of the reporting period. The reporting period for  
changes to or errors in the ECCS Evaluation Models will be January 1 through December 31  
of each year.

**COOPER NUCLEAR STATION**

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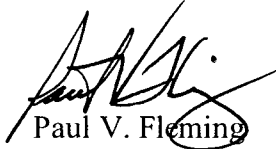
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If you have any questions regarding this issue please call George Griffith, Fuels and Reactor Engineering Manager, at (402) 825-5831.

Sincerely,



Paul V. Fleming  
Licensing Manager

/rr

cc: Regional Administrator  
USNRC - Region IV

Senior Project Manager  
USNRC - NRR Project Directorate IV-1

Senior Resident Inspector  
USNRC - CNS

CNS Records

NPG Distribution

George Griffith

Correspondence Number: NLS2006097

The following table identifies those actions committed to by Nebraska Public Power District (NPPD) in this document. Any other actions discussed in the submittal represent intended or planned actions by NPPD. They are described for information only and are not regulatory commitments. Please notify the Licensing Manager at Cooper Nuclear Station of any questions regarding this document or any associated regulatory commitments.

COMMITMENT	COMMITMENT NUMBER	COMMITTED DATE OR OUTAGE
None		