



**Nebraska Public Power District**

"Always there when you need us"

50.46(a)(3)(ii)

NLS2009001  
January 9, 2009

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 for 2008  
Cooper Nuclear Station, Docket No. 50-298, DPR-46

**Reference:** Letter from David Van Der Kamp, Nebraska Public Power District, to U.S.  
Nuclear Regulatory Commission, dated August 18, 2008, "Failure to Include  
Error in Emergency Core Cooling System Evaluation Model in Annual Report  
for 2006"

Dear Sir or Madam:

The purpose of this letter is to submit the 2008 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 the Reference letter dated August 18, 2008, the Nebraska Public Power District reported  
an error in an acceptable ECCS evaluation model reported by Global Nuclear Fuel in 2006  
that had not been previously included in the 2006 annual report. The nature of the error is  
discussed in a General Electric Hitachi proprietary document that was previously provided to  
the NRC with the Reference letter. This error involved a 0° change in the value of the Peak  
Clad Temperature (PCT). This same error continues to apply to the ECCS evaluation  
methodology for 2008. No reanalysis is planned at this time as the error is not significant.  
No other changes or errors in the ECCS evaluation methodology were identified during 2008  
and the PCT remains as 2040°F. CNS continues to comply with the PCT limit of 2200°F  
specified in 10 CFR 50.46(b)(1).

If you have any questions regarding this report, please contact Kent Sutton, Nuclear  
Engineering Department Manager, at (402) 825-5105.

Sincerely,

David Van Der Kamp  
Licensing Manager

A002  
NPR

/lb

cc: Regional Administrator  
USNRC - Region IV

Cooper Project Manager  
USNRC - NRR Project Directorate IV-1

Senior Resident Inspector  
USNRC - CNS

CNS Records

NPG Distribution

Correspondence Number: NLS2009001

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		