



Nebraska Public Power District

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NLS2004112

September 28, 2004

U.S. Nuclear Regulatory Commission

Attn: Document Control Desk

Washington, D.C. 20555-0001

Subject: Response to Request for Additional Information Regarding Revision of Technical Specification Surveillance Requirement 3.3.2.1.4 and Table 3.3.2.1-1
Cooper Nuclear Station, Docket 50-298, DPR-46

Reference: Letter to R. K. Edington, Nebraska Public Power District, from M. C. Honcharik, U.S. Nuclear Regulatory Commission, dated August 13, 2004, "Request for Additional Information Regarding Revision of Technical Specification Surveillance Requirement 3.3.2.1.4 and Table 3.3.2.1-1 (TAC No. MC0629)

The purpose of this letter is for the Nebraska Public Power District to submit to the U.S. Nuclear Regulatory Commission the response to the request for additional information provided by the reference letter. The response is attached.

If you have any questions regarding this matter please call Paul Fleming, Licensing Manager, at (402) 825-2774.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on: 9/28/04
(date)

Stewart B. Minahan

General Manager of Plant Operations

/clb

Attachment

A001

COOPER NUCLEAR STATION

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cc: Regional Administrator w/attachment
USNRC - Region IV

Senior Project Manager w/attachment
USNRC - NRR Project Directorate IV-1

Senior Resident Inspector w/attachment
USNRC

Nebraska Health and Human Services w/attachment
Department of Regulation and Licensure

NPG Distribution w/attachment

Records w/attachment

**Response to Request for Additional Information Regarding Revision
of Technical Specification Surveillance Requirement 3.3.2.1.4 and Table 3.3.2.1-1**

Cooper Nuclear Station, Docket 50-298, DPR-46

NRC Request

The response to question 1 stated: "The calculation Conclusion Section lists a set of permissible rod block values for AL, AV and Operating Setpoint, based on different MCPR [minimum critical power ratio] limits... Therefore, the setpoints for the various regions were selected based on a MCPR Limit of 1.30..." How does the NPPD justify using what appears to be a slightly less conservative value of MPCR?

CNS Response

Note: This question refers to question 1 of NLS2004006, "Response to Request for Additional Information Regarding Licensing Amendment Request to Revise Technical Specifications (TS) Surveillance Requirements and TS Table for Mathematical Symbols and Use of Allowable Values in the Place of Analytical Limits" dated March 9, 2004.

Extended Load Line Limit and ARTS Improvement Program Analyses for Cooper Nuclear Station Cycle 14, (NEDC-21892P, Rev 1, DRF B13-01512 Dated May 1991) Section 5.5 reads "Any set of RBM setpoints with a corresponding OLMCPR equal to or less than that of the limiting plant OLMCPR based on the other transient results can be utilized. The higher RBM setpoints (with a higher OLMCPR value) will afford more control rod movement flexibility without unnecessary alarms and rod blocks."

The Nuclear Regulatory Commission approved use of the Extended Load Line Limit and ARTS Improvement Program Analyses for Cooper Nuclear Station Cycle 14, NEDC-21892P, Rev 1, May 1991 by Amendment 151 dated December 31, 1991.

ATTACHMENT 3 LIST OF REGULATORY COMMITMENTS©

Correspondence Number: NLS2004112

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 & Regulatory Affairs Manager at Cooper Nuclear Station of any questions regarding this document or any associated regulatory commitments.

COMMITMENT	COMMITTED DATE OR OUTAGE
None	