

June 24, 2005

Mr. Randall K. Edington
Vice President-Nuclear and CNO
Nebraska Public Power District
P. O. Box 98
Brownville, NE 68321

SUBJECT: COOPER NUCLEAR STATION - REQUEST FOR ADDITIONAL INFORMATION
RE: LICENSE AMENDMENT REQUEST TO REVISE TECHNICAL
SPECIFICATIONS - SINGLE LOOP OPERATION SAFETY LIMIT MINIMUM
CRITICAL POWER RATIO (TAC NO. MC6346)

Dear Mr. Edington:

Nebraska Public Power District (NPPD/the licensee) requested the Nuclear Regulatory Commission (NRC) staff's approval for an amendment to revise the Cooper Nuclear Station Technical Specifications regarding the single recirculation loop Safety Limit Minimum Critical Power Ratio value.

The NRC staff has reviewed the information provided in the March 8, 2005, submittal and has determined that the additional information identified in the enclosure is required in order for the NRC staff to complete its review. As agreed upon with David Van Der Kamp on May 31, 2005, NPPD will respond to the request for additional information (RAI) within 45 days from the date of this letter. The RAI is enclosed.

Sincerely,

/RA by M.Fields for M.Honcharik/

Michelle C. Honcharik, Project Manager, Section 1
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-298

Enclosure: RAI

cc w/encl: See next page

Mr. Randall K. Edington
Vice President-Nuclear and CNO
Nebraska Public Power District
P. O. Box 98
Brownville, NE 68321

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SUBJECT: COOPER NUCLEAR STATION - REQUEST FOR ADDITIONAL INFORMATION
RE: LICENSE AMENDMENT REQUEST TO CHANGE TECHNICAL
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Sincerely,

/RA by M.Fields for M.Honcharik/
Michelle C. Honcharik, Project Manager, Section 1
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-298

Enclosure: RAI

cc w/encl: See next page

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FAkstulewicz

VKlein

DDuvigneaud

ACCESSION NO: ML051650556

OFFICE	PDIV-2/PE	PDIV-1/PM	PDIV-2/LA	SRXB/SC	PDIV-1/SC
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DATE	6/21/05	6/21/05	6/21/05	6/21/05	6/24/05

OFFICIAL RECORD COPY

Cooper Nuclear Station

cc:

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June 2005

REQUEST FOR ADDITIONAL INFORMATION

ISSUES RELATED TO THE LICENSE AMENDMENT REQUEST TO REVISE TECHNICAL
SPECIFICATIONS - SINGLE LOOP OPERATION (SLO) SAFETY LIMIT MINIMUM CRITICAL

POWER RATIO (SLMCPR) VALUE

COOPER NUCLEAR STATION

DOCKET NO. 50-298

1. On Page 2 in Attachment 1, and on Page 4 of Enclosure 1 of your March 8, 2005 submittal, you state the reason for the increase in your SLO SLMCPR as “The actual end of Cycle 22 exposure was 360 MWd/ST less than the licensing assumption and below the minimum exposure window specified in the reload licensing analysis.” On Page 6 of Enclosure 1 in Table 1 you state that the “Cycle Exposure at Limiting Point (Mwd/ST)” is 11000 for the RLP (Reference Loading Pattern - original reload licensing basis) and 11350 for the CMR (Cycle Management Report - reanalyzed results based on the actual end of Cycle 22 exposure). These values are in contradiction to your statement that the actual end of Cycle 22 exposure was 360 MWd/ST less than the licensing assumption. Please explain this discrepancy.
2. For Table 2a in Enclosure 1 of your submittal, indicate whether the values listed for Cycle 23 are Cycle Management Report (CMR) or Reference Loading Pattern (RLP) calculations. Are there any differences between the two?