

August 14, 2006

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: RISK-INFORMED INSERVICE INSPECTION RELIEF REQUEST FOURTH  
10-YEAR INSERVICE INSPECTION PROGRAM RELIEF REQUEST NO. RI-34  
(TAC NO. MD0283)

Dear Mr. Edington:

The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the information provided in the February 23, 2006, submittal and has determined that the additional information identified in this enclosure is required in order for the NRC staff to complete its review. To meet our target date, the NRC staff requests that the licensee provide its response no later than August 25, 2006.

Sincerely,

/RA by MFields for/

Brian Benney, Project Manager  
Plant Licensing Branch IV  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-298

Enclosure: Request for Additional Information

cc w/encl: See next page

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**ADAMS ACCESSION NO: ML062220592**

**NRR-088**

OFFICE	LPL4/PM	LPL4/LA	LPL4/BC
NAME	BBenney MFields for	LFeizollahi	DTerao
DATE	08/11806	08/11/06	08/14/06

**OFFICIAL RECORD COPY**

REQUEST FOR ADDITIONAL INFORMATION  
BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RISK-INFORMED INSERVICE INSPECTION RELIEF REQUEST  
FOURTH 10-YEAR INSERVICE INSPECTION PROGRAM RELIEF REQUEST NO. RI-34  
FACILITY OPERATING LICENSE NO. DPR-46  
NEBRASKA PUBLIC POWER DISTRICT  
COOPER NUCLEAR STATION  
DOCKET NO. 50-298

1. Based on a composite of the tables provided in the enclosure to letter No. NLS2006015, it appears that the fourth interval and third interval risk-informed inservice inspection (RI-ISI) programs are nearly identical. However, there are two aspects of the fourth interval program that the Nuclear Regulatory Commission staff is unable to discern from what was provided:
  - a. Have there been any changes to the 61 locations selected for nondestructive examination for the fourth interval, relative to the 61 locations selected during the original (third interval relief request) RI-ISI program evaluation (within a given system and risk category)? If so, please identify them and give the rationale for those changes.
  - b. Are there any significant issues or changes to the Cooper probabilistic safety assessment (PSA) model that was used to support your RI-ISI renewal request? If so, please summarize your assessment of the impact of resolving these issues on the RI-ISI application for the fourth ISI interval. If changes have been made to the PSA model, provide a summary of the changes that will have an affect on the RI-ISI application for the fourth ISI interval.

Cooper Nuclear Station

cc:

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