



Nebraska Public Power District
Nebraska's Energy Leader

NLS2000017
February 15, 2000

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

Gentlemen:

Subject: Maximum Extended Load Line Limit Analysis (MELLLA)
Submittal of Final Report
Cooper Nuclear Station, NRC Docket 50-298, DPR-46, Supplemental Information
to NLS990115

Reference: Letter No. NLS990115 to U.S. NRC Document Control Desk from
John H. Swailes dated December 15, 1999, "Proposed Change to CNS
Technical Specifications; Change to Average Power Range Monitors
(APRMs) Neutron Flux-High (Flow Biased) Allowable Value"

On December 15, 1999, the Nebraska Public Power District (District) requested an amendment to Operating License DPR-46 to change the Cooper Nuclear Station (CNS) Technical Specifications (TS). This proposed TS change would revise the Average Power Range Monitors Neutron Flux-High (Flow Biased) allowable value based on a revised Power to Flow Map. The revised Power to Flow Map extends the current plant operating domain to above the rated rod line, to within an envelope referred to as the Maximum Extended Load Line Limit and adds the Increased Core Flow (105%) region.

As noted in the referenced letter, the requested amendment was based on a draft report that included analyses verified by General Electric Nuclear Energy (GENE). These analyses were reviewed by the District and found acceptable for use in supporting the proposed license change. The District indicated that submittal of the final report, and any impacts to the referenced amendment request, would be provided to the Nuclear Regulatory Commission by February 17, 2000.

The purpose of this letter is to satisfy this commitment by providing copies of the final report and results of the District's review of the final report against conclusions and statements included in the referenced amendment request. The District performed a review of the Maximum Extended Load Line Limit Analysis prepared by GENE, Report Number NEDC-32914P, Revision 0 (Attachment 2). This review was performed by comparing Revision 0 of the report against the draft report Revision B and the referenced amendment request (NLS990115). This review

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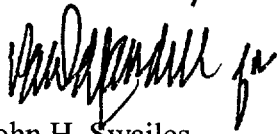
concluded that statements made in the referenced amendment request, including the description of the requested change, the basis for the change, the description of no significant hazards, the environmental impact considerations, Technical Specification mark-up, and revised Technical Specification page remain factual and unchanged. As no changes were identified, the District believes that the previously submitted (and noticed in the Federal Register) No Significant Hazard review still applies.

Attachment 1 is a non-proprietary version and Attachment 2 is a proprietary version of the final report that includes analyses verified by GENE. The District has reviewed the results contained in the final report and finds the results acceptable for use in supporting the referenced amendment request. Please note the information contained in Attachment 2 is of the type that GENE withholds from public disclosure. We hereby request that this information be withheld from public disclosure in accordance with 10 CFR 9.17 and 10 CFR 2.790. An affidavit attesting to this fact is provided in Attachment 3.

By copy of this letter and its attachments, the appropriate State of Nebraska official is notified in accordance with 10 CFR 50.91 (b) (1). Copies to the NRC Region IV office and the CNS Resident Inspector are being provided in accordance with 10 CFR 50.4 (b) (2).

Should you have any questions regarding this matter, please contact Sharon Mahler at (402) 825-5236.

Sincerely,



John H. Swailes
Vice President of Nuclear Energy

/des/rss

Attachments

cc: Regional Administrator w/attachments
USNRC - Region IV

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

Senior Resident Inspector w/attachments
USNRC

Environmental Health Division - Program Manager w/attachments
Nebraska Department of Health

NPG Distribution w/o attachments

NLS2000017
February 15, 2000
Attachment 1

ATTACHMENT 1

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

**General Electric Nuclear Energy Document Entitled
“Maximum Extended Load Line Limit and
Increase Core Flow for Cooper Nuclear Station”
NEDO-32914, Revision 0**

(Non-proprietary Information)