



**Nebraska Public Power District**  
*Nebraska's Energy Leader*

NLS2001125  
December 22, 2001

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

Subject: Notification of Core Spray Internals Flaw Detection  
Cooper Nuclear Station  
NRC Docket No. 50-298, DPR-46

Reference: Letter to Carl Terry, BWRVIP Chairman from Nuclear Regulatory Commission, dated December 2, 1999, "Final Safety Evaluation of BWR Core Spray Internals Inspection and Flaw Evaluation Guidelines (BWRVIP-18) (TAC NO. M96219)"

In the referenced letter, the Nuclear Regulatory Commission (NRC) affirmed the Boiling Water Reactor Vessel and Internals Project (BWRVIP) commitments to notify the NRC in the event that flaws are detected in the Core Spray System internals that require analytical evaluation for acceptance. During Refueling Outage 20, the Nebraska Public Power District (NPPD) performed inservice inspections of the Core Spray internals. The following welds were determined to be acceptable based on BWRVIP-18 methods:

CS-A1@170-(P8b) due to existing flaw length growth  
CS-B20@190-(P8a) due to first flaw indication (previous geometric indication)  
CS-A22@10-(P9) due to first time inspection (indication detected)  
CS-B22@190-(P9) due to first time inspection (indication detected)  
CS-B23@350-(P9) due to first time inspection (indication detected)

This letter constitutes NPPD notification to the NRC as provided for in the referenced letter, and in accordance with BWRVIP commitments. On December 21, 2001, Mr. D. F. Kunsemiller, NPPD Manager of Risk and Regulatory Affairs, also discussed this notification with Messrs. W. H. Bateman and T. L. Chan of NRC Materials and Chemical Engineering Branch. The purpose of that telephone conference was to inform the NRC staff of this notification and arrange a technical conference call if requested. The NRC staff indicated that conference call within the next 60 days would be desirable. NPPD will make arrangements for this call in early January 2002.

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Should you have any questions regarding this matter, please contact David F. Kunsemiller at (402) 825-5236.

Sincerely,

  
FOR David L. Wilson  
Vice President of Nuclear Energy  
J.A. HUTTON

cc: Regional Administrator  
USNRC Region IV

Senior Project Manager  
USNRC - NRR Project Directorate IV-1

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