



Nebraska Public Power District

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NLS940018
July 25, 1994

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Subject: *Additional Information; Control Room Emergency Filter System
Cooper Nuclear Station
Docket No. 50-298, DPR-46*

Reference: Letter from G. R. Horn (NPPD) to U.S. NRC Document Control Desk dated July 20, 1994 "Control Room Emergency Filter System Commitments"

Gentlemen:

On July 22, 1994, the Nebraska Public Power District (District) and representatives of the Nuclear Regulatory Commission (NRC) discussed, by phone, the above referenced letter. During this conversation, the NRC requested a copy of the assumptions contained in an Engineering Design Calculation (No. NEDC 94-071). This calculation addresses Control Room Operator dose due to inleakage in the Control Room at Cooper Nuclear Station (CNS) during the design basis radiological event. The District subsequently transmitted a copy of the assumptions associated with this calculation, via facsimile, to the NRC representatives.

The purpose of this letter is to provide a formal transmittal of NEDC 94-071, Rev. 2, "Control Room Operator Dose due to Inleakage to Control Room." This information is attached for your review and use. Also attached is Stone & Webster calculation 13095.16-PR(D)-001 "Dispersion Coefficients (X/Q's) at the NPPD Cooper Nuclear Station Control Room for Accident Stack Releases of Radionuclides." This was also transmitted via facsimile and provides the basis for the X/Q values used in NEDC 94-071. Please call if additional information is needed on this topic.

Please note that certain portions of NEDC 94-071, Revision 2, have been determined to be proprietary in nature, and have, therefore, been expunged from the enclosed copies. These include pages 16 through 25, and a portion of page 26. If the NRC requires any of the expunged information in order to complete their evaluation, please contact me at this office, and we will submit a proprietary version in accordance with the requirements of 10CFR2.790.

Sincerely,

D. A. Whitman
Division Manager
of Nuclear Support

/nr

Enclosure

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per: Kevin Connaughton

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cc: Regional Administrator w/o enclosure
USNRC - Region IV
Arlington, Texas

NRC Resident Inspector w/o enclosure
Cooper Nuclear Station

NRC Project Manager w/enclosure
Cooper Nuclear Station