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November 3, 2005
LIC-05-0132

U. S. Nuclear Regulatory Commission
Attn.: Document Control Desk
Washington, D.C. 20555

References: 1. Docket No. 50-285
2. Letter from OPPD (R. T. Ridenoure) to NRC (Document Control Desk) dated August 11, 2005, "Fort Calhoun Station Unit No. 1 License Amendment Request (LAR), "Tri-sodium Phosphate Volume" (LIC-05-0083)

SUBJECT: Transmittal of Containment Sump Tri-Sodium Phosphate Minimum Volume Analysis

In response to a request from the NRC, the Omaha Public Power District (OPPD) is submitting the analysis of Tri-Sodium Phosphate (TSP) volume required in the containment sump as a function of Reactor Coolant System (RCS) Critical Boron Concentration. This response is associated with the NRC review of OPPD's License Amendment Request to adjust the required volume of TSP to account for an increase in RCS volume as a result of the replacement of both steam generators and pressurizer scheduled for the next refueling outage in 2006 (Reference 2).

The requested analysis, Attachment 1 of this letter, is referred to as Reference 7.5 in Reference 2 above.

No commitments to the NRC are made in this letter. I declare under penalty of perjury that the foregoing is true and correct. (Executed November 3, 2005)

If you require additional information, please contact Thomas C. Matthews at (402) 533-6938.

Sincerely,

S. K. Gambhir
Division Manager - Nuclear Projects

SKG/rlj

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Attachment: Fort Calhoun Engineering Analysis, EA05-015, Revision 0, "Revised Minimum Tri-sodium Phosphate (TSP) Volume Required in Containment Sump as a Function of RCS Critical Boron Concentration (ARO, HZP, No Xenon)"

cc: Division Administrator - Public Health Assurance, State of Nebraska

Attachment 1

Fort Calhoun Engineering Analysis, EA05-015, Revision 0,

Revised Minimum Tri-sodium Phosphate (TSP) Volume

Required in Containment Sump

as a Function of RCS Critical Boron Concentration (ARO, HZP, No Xenon)"