

Omaha Public Power District

P.O. Box 399 Hwy. 75 - North of Ft. Calhoun Fort Calhoun, NE 68023-0399
402/636-2000

September 23, 1994
LIC-94-0178

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Station: P1-137
Washington, DC 20555

- References:
1. Docket No. 50-285
 2. Letter from the NRC (G. E. Lear) to OPPD (T. E. Short) dated January 24, 1978
 3. Letter from OPPD (T. E. Short) to NRC (G. E. Lear) dated February 13, 1978 (LIC-78-0028)
 4. Letter from OPPD (W. C. Jones) to NRC (R. A. Clark) dated May 20, 1980 (LIC-80-0062)

Gentlemen:

SUBJECT: Request for Additional Information Regarding Fire Protection System

As requested by Mr. S. D. Bloom (NRR), the Omaha Public Power District (OPPD) provides the following information regarding the Fort Calhoun Station (FCS) Fire Protection pump strainers:

NRC Request:

Provide clarification for the existing strainers at the discharge of the fire pumps. (i.e., do they have a 250 μ screen?)

OPPD Response:

In Reference 3, OPPD provided the additional information requested by the NRC in Reference 2 regarding the ability of the fire water pumps to function properly at FCS. Reference 3 credits both fire pumps being equipped with discharge strainers that have a "250 μ screen" to keep debris out of the Fire Water System. The strainers installed at the discharge of the fire pumps do not have a "250 μ screen," but instead have 1/8 inch by 3/8 inch slots. These strainers are designated as FP-6A and FP-6B on the Fire Protection Flow Diagram P & ID (11405-M-266, Sheet 1B).

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NRC Request:

Provide a picture or drawing of the trapezoidal box installed at the suction of the electric fire pump.

OPPD Response:

Attached please find a photograph of the trapezoidal steel box as described in Reference 4, Attachment C (Item 3.1.16). This steel box, which encloses the suction of the electric fire pump, was installed in the Fall of 1978 as part of a modification to prevent sand from building up in the fire pump suction area.

OPPD completed an Engineering Analysis which concluded that the existing Fire Water Supply component configuration adequately prevents debris from entering the Fire Protection Water Supply System piping.

If you should have any questions, please contact me.

Sincerely,



W. G. Gates
Vice President

Attachment

WGG/d11

c: LeBoeuf, Lamb, Greene & MacRae
L. J. Callan, NRC Regional Administrator, Region IV
S. D. Bloom, NRC Project Manager
R. P. Mullikin, NRC Senior Resident Inspector

