

Omaha Public Power District  
444 South 16th Street Mall  
Omaha, Nebraska 68102-2247  
402/636-2000

June 12, 1995  
LIC-95-0123

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 OPPD (W. G. Gates) to NRC (Document Control Desk) dated June 23, 1993 (LIC-93-0119)  
3. Letter from OPPD (W. G. Gates) to NRC (Document Control Desk) dated January 13, 1994 (LIC-93-0304)

SUBJECT: Average Load Capacity Factor for Fort Calhoun Station (FCS)

The Omaha Public Power District (OPPD) monitors the long term load capacity factor for FCS on a cycle-by-cycle basis to ensure that the current fluence/pressurized thermal shock (PTS) and other fluence dependent analyses remain valid. In Reference 3, OPPD committed to notify the NRC of the average load capacity factor achieved since the start of Cycle 15. The load capacity factor for Cycle 15 operation (including the refueling outage) was 0.86.

A revised fluence evaluation utilizing the ENDF-B/VI cross sections (per Reference 2) has been completed and is currently under review by OPPD. The evaluation includes operation through the end of Cycle 14 and projected fluence values, based on a 0.85 average load capacity factor, to the end of the operating license period. This revised fluence evaluation is planned for submittal to the NRC for review prior to the end of 1995.

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The pressure-temperature (P-T) limit curves and the reactor vessel beltline materials have been reviewed based on the revised fluence evaluation and actual operation through the end of Cycle 16. The current Technical Specification P-T limits are still valid for Cycle 16 operation based on the fluence values used in the analysis for the 20 Effective Full Power Years (EFPY) approved in Amendment 114 (to Facility License No. DPR-40). The welds and plate material in the reactor vessel beltline are projected to remain below the NRC screening criteria through the end of licensed operation.

If you should have any questions, please contact me.

Sincerely,

A handwritten signature in dark ink, appearing to read "T. L. Patterson", followed by a horizontal line extending to the right.

T. L. Patterson  
Division Manager  
Nuclear Operations

TLP/d11

c: Winston & Strawn  
L. J. Callan, NRC Regional Administrator, Region IV  
T. Y. Liu, NRC Acting Project Manager  
W. C. Walker, NRC Senior Resident Inspector