

Omaha Public Power District
1623 Harney Omaha, Nebraska 68102
402/536-4000

May 22, 1984
LIC-84-149

Mr. James R. Miller, Chief
U. S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Division of Licensing
Operating Reactors Branch No. 3
Washington, D.C. 20555

Reference: Docket No. 50-285

Dear Mr. Miller:

Steam Generator Tube Failure

On May 16, 1984, at approximately 1650 hours, while performing a hydrostatic test of the reactor coolant system, operating personnel observed an unanticipated increase in the water level in "B" steam generator. The reactor coolant system was at a temperature of 398°F, 1800 psig, with 488°F in the pressurizer. The secondary side of the steam generator was at approximately 200 psig. The plant staff personnel determined that the most probable cause of the unexpected water level increase in the "B" steam generator was a result of a tube failure and, therefore, appropriate actions were taken to depressurize the reactor coolant system and the Radiological Emergency Response Plan was activated. No offsite releases of radioactivity occurred. Additional details of the incident were provided to Mr. E. G. Tourigny of your staff during telephone calls on May 17 and 18, 1984 in an effort to keep your office informed of actions taken by District personnel. In addition, Mr. L. A. Yandell was present in the control room during the initial stages of this incident.

Since the steam generator tube failure on May 16, 1984, the District has taken action to identify the failed tube and the cause of the tube failure. In addition, efforts have been initiated to determine appropriate corrective actions and measures in order to reduce the probability of recurrence of additional tube failures. To date, the District has identified that one tube in the peripheral area in "B" steam generator has a through-wall defect in the horizontal run of the tube. A plan is presently being developed which will represent the District's actions regarding the identification of the cause of the tube failure and other corrective

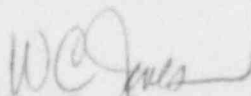
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actions which will be taken. The District plans to keep your office informed on these plans. Also, as requested by you in a telephone call on May 22, 1984, the District is preparing for a meeting with your staff prior to returning the plant to power operation.

Sincerely,



W. C. Jones
Division Manager
Production Operations

WCJ/JJF:jmm

cc: LeBoeuf, Lamb, Leiby & MacRae
1333 New Hampshire Avenue, N.W.
Washington, D.C. 20036

Mr. E. G. Tourigny, Project Manager
Mr. L. A. Yandell, Senior Resident
Inspector