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Omaha Public Power District

1623 HARNEY • OMAHA, NEBRASKA 68102 • TELEPHONE 536-4000 AREA CODE 402

August 31, 1979

Mr. K. V. Seyfrit, Director
U. S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region IV
611 Ryan Plaza Drive
Suite 1000
Arlington, Texas 76011

Re: Docket No. 50-285

Gentlemen:

The Omaha Public Power District received Bulletin 79-14, dated August 15, 1979, requesting that information be provided regarding the seismic qualification of Fort Calhoun Station piping systems. Accordingly, please find attached a response to Item 2 of the Bulletin.

Sincerely,

W. C. Jones
Division Manager
Production Operations

WCJ/KJM/BJH/lp

Attachments

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

Response to Item 2 of IE Bulletin 79-14

Request

2. *For portions of systems which are normally accessible*, inspect one system in each set of redundant systems and all nonredundant systems for conformance to the seismic analysis input information set forth in design documents. Include in the inspection: pipe run geometry; support and restraint design, locations, function and clearance (including floor and wall penetration); embedments (excluding those covered in IE Bulletin 79-02); pipe attachments and valve operator locations and weights (excluding those covered in IE Bulletin 79-04). Within 60 days of the date of this bulletin, submit a description of the results of this inspection. Where nonconformances are found which affect operability of any system, the licensee will expedite completion of the inspection described in Item 3.*

Response

The inspection of normally accessible, safety-related piping described above has been completed. As indicated in our response to Item 1, submitted August 3, 1979, of this bulletin, piping isometrics with restraint locations marked for the fire protection system (intake structure portion only) and the containment hydrogen purge system are not available in the District files. The effort to locate the missing drawings is still in progress. All of the other systems have been inspected per our response to Item 1. The results of the inspection are summarized below.

Pipe Run Geometry

The geometry of applicable pipe runs was measured and compared against isometric drawings. A single discrepancy was found, that occurring in a section of chemical and volume control system piping. The "as-built" pipe run is shorter than shown on the isometric drawing and the pipe support installation also differs from the drawing. Based on a preliminary engineering evaluation, this pipe run is still considered operable. However, a full evaluation will be performed as requested in Item 4 of IE Bulletin 79-14.

Support and Restraint Design, Locations, Function, and Clearance; Embedments

A total of 827 hangers/supports have been inspected. Of these, 104 were identified which do not conform with the design documents.

A small number of the discrepancies were corrected in the field. All other discrepancies were evaluated on a preliminary basis and none of the affected systems were declared inoperable. For the discrepancies which have not been corrected, either an analytical engineering analysis will be performed or the descrepancy will be corrected. This work will be completed in accordance with the schedule outlined in the Supplement to IE Bulletin 79-14.

Pipe Attachments and Valve and Valve Operator Locations and Weight

Three valves were identified which do not conform with the design documents. However, since the existing valves are similar in size and type to those specified in the design documents, system operability is not expected to be adversely affected. A more thorough evaluation will be completed within 30 days.