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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
Suite 1000
Arlington, Texas 76011

Re: Docket No. 50-285
I.E. Bulletin No. 79-17, dated August 14, 1979

Dear Mr. Seyfrit:

The Omaha Public Power District submitted a response to the above referenced Bulletin by letter dated August 24, 1979. That letter contained two typographical errors which are corrected in the attached change-page.

Also attached is additional information in support of response 16.

Sincerely,

W. C. Jones
Section Manager, Operations

WCJ/BJH/rh

Attachments

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

TABLE 1

SAMPLING OF DEMINERALIZED WATER USED TO MAKE UP SIRWT, WHICH PROVIDES WATER FOR CITED STAGNANT WATER SYSTEMS

Analysis	Frequency	Technical Specification (ppm)	Typical* Valves (ppm)	Corrective Action
Conductivity	Weekly	<2.0 μmho/cm	1.0-1.7 μmho/cm	Commence Resin Regeneration
pH	Weekly	6.0-8.0	7.0-8.0	Add De-ionized Water to Release pH
				Add Ammonia or Morpholine to Increase pH
CL^-	Weekly	<0.1	0.01	Commence Resin Regeneration
SiO_2	Weekly	<0.02	0.015-0.02	Chemically Check the Entire System
B**	Monthly	>1700	1700 -2200	Add More Boric Acid

* Range of Values Observed During Operation.
**Boron Concentration in SIRWT.

Section XI. No cracking and no sign of unsatisfactory welds were detected, and therefore no corrective actions were needed.

Item 1 (Continued)

(b) Provide a description of water chemistry controls, summary of chemistry data, any design changes and/or actions taken, such as periodic flushing of recirculation procedures to maintain required water chemistry with respect to pH, B, CL^-, F^-, O_2.

Response

See Table 1 (attached).

The safety injection and refueling water tank is recirculated at least once per month via one of the two low pressure safety injection pumps. No other flushing or recirculation procedures are performed on a routine basis.

(c) Describe the preservice NDE performed on the weld joints of identified systems. The description is to include the applicable ASME Code sections and supplements (addenda) that were followed, and the acceptance criterion.

Response

Visual and ultrasonic tests were performed on some portions of (i)-(iii) (located inside containment and up to the first isolation valves on the outside of containment) for preservice examination in accordance with ASME Section XI Code, 1971 edition, through Summer 1972 Addenda. The acceptance criterion for UT and VT testing is given in Table 2 (attached). A repair cycle was completed on the welds containing any defect indications, and when these were re-examined using the same procedures as used on the original inspection, the welds were found to be defect-free.

(d) Facilities having previously experienced cracking in identified systems, Item 1, are requested to identify (list) the new materials utilized in repair or replacement on a system-by-system basis. If a report of this information and that requested above has previously submitted to the NRC, please reference the specific report(s) in response to this Bulletin.

Response

There has been no occurrence of any cracking in the listed systems at Fort Calhoun and as a consequence, no new materials or replacements have been made for any repairs.