Omaha Public Power District
1623 Harney Omaha, Nebraska 68102-2247
402/536-4000

October 23, 1989
LIC-89-822

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 (R. L. Andrews) to NRC (Document Control Desk) dated July 29, 1988 (LIC-88-524)
3. Letter from NRC (A. Bournia) to OPPD (K. J. Morris) dated August 17, 1989

Gentlemen:

SUBJECT: Update to Revision 4 of the IST Program for the Fort Calhoun Station (FCS)

In Reference 2, Omaha Public Power District (OPPD) submitted Revision 4 to the Pump and Valve Inservice Test (IST) Program for FCS. The purpose of this letter is to update Revision 4 in which the fail position of two process valves was incorrectly stated.

Revision 4 added instrument air check valves (IV-438B-C and IV-438D-C) associated with HCV-438B and HCV-438D, the process valves that serve to isolate containment penetrations M-18 and M-19. The piping through these penetrations provide Component Cooling Water (CCW) to the Reactor Coolant Pumps (RCP) lube oil and seal coolers.

The error in Revision 4 is that the failure mode of HCV-438B and HCV-438D was changed to "Fail Closed". The failure mode of HCV-438B and HCV-438D is actually "Fail Open". Specifically, the Revision 4 - List of Changes for item 6 under the column heading "Description of Change" should read "Add stroke test Closed." On page 40 the Valve Table entry for HCV-438B (AC) and HCV 438D (AC) listed under the "Nor. Pos., Failure Mode" column should be changed from "NO, FC" to "NO, FO." (See attachments) This change will impact Reference 3, the Safety Evaluation Report (SER) for Revision 4 of the IST Program.

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Both process valves HCV-438B and -438D, and the instrument air check valves IV-438B-C and -438D-C, remain in the IST Program and will be tested at the same frequency. Testing of these valves occurs during cold shutdowns when the reactor coolant pumps are secured and Reactor Coolant System (RCS) temperature is below 130°F and during refueling outages.

If you should have any questions, please contact me.

Sincerely,

K. J. Morris
Division Manager
Nuclear Operations

KJM/pjc

Attachments

c: LeBoeuf, Lamb, Leiby and MacRae
R. D. Martin, NRC Regional Administrator
A. Bournia, NRC Project Manager
P. H. Harrell, NRC Senior Resident Inspector

ISI Program Plan - Fort Calhoun Station
Revision 4 - List of Changes

A. Changes to Valve Tables (The order in which the valves appear in each valve table has been changed to numerical order to facilitate the use of the tables.

	Page Number	Valve Number	Description of Change
1	38	TCV-202	Reduce maximum allowable leak rate to match Surveillance Test.
2	38	HCV-204	Reduce maximum allowable leak rate to match Surveillance Test.
3	39	HCV-383-3	Change maximum allowable stroke time from 30S to 25S.
4	40	HCV-383-4	Change maximum allowable stroke time from 30S to 25S.
5	40	HCV-438A,B,C & D	Reduce maximum allowable leak rate to match Surveillance Test.
6	40	HCV-438B & D	Add stroke test Closed. ~~and change valve to Fail Closed.~~
7	43	HCV-1559A	Change maximum allowable stroke time from 12S to 16S.
8	44	HCV-1559B	Change maximum allowable stroke time from 12S to 16S.
9	44	HCV-1560A & B	Change maximum allowable stroke time from 12S to 16S.
10	44	PCV-1849	Change to FC.
11	45	PCV-2909, 2929, 2949 & 2969	Change maximum allowable stroke time from 14S to 9S.
12	45	HCV-2916, 2936, 2956 & 2976	Change maximum allowable stroke time from 12S to 6S.
13	46	HCV-150 & 151	Change test frequency from Cold Shutdown to Quarterly.
14	47	HCV-240	Change maximum allowable closing stroke time from 50S to 21S.
15	48	HCV-304, 305, 306 & 307	Change maximum allowable stroke time from 110S to 87S.

CATEGORY A VALVES (Continued)

Valve Number (System)	Valve Type	P&ID Number	P&ID Location	Size	Maximum Leakage Rate (Design) (Test)	Maximum Permissible Stroke Time Sec.	(Oper.)	Exercise Test Schedule	Nor. Pos. Failure Mode	Exceptions (Refer to Appendix 2C)
HCV-383-4(SI)	Butterfly	CE-E-23866-210-130-1 of 2	B8	24"	15000 sccm 60 psig	25	(MO)	Q	NC	
HCV-425A(AC)	Globe	GHER-11405-M-40	E2	3"	10000 sccm 60 psig	21	(AD)	CS	NO, FC	J
HCV-425B(AC)	Globe	GHER-11405-M-40	E3	3"	10000 sccm 60 psig	21	(AD)	CS	NO, FC	J
HCV-425C(AC)	Globe	GHER-11405-M-40	G2	3"	10000 sccm 60 psig	21	(AD)	CS	NO, FC	J
HCV-425D(AC)	Globe	GHER-11405-M-40	G3	3"	10000 sccm 60 psig	21	(AD)	CS	NO, FC	J
HCV-438A(AC)	Globe	GHER-11405-M-40	A3	6"	6000 sccm 60 psig	75	(AD)	CS	NO, FO	J
HCV-438B(AC)	Globe	GHER-11405-M-40	B3	6"	6000 sccm 60 psig	O/54 C/52	(AD)	CS	NO, ~~FC~~ FO	J
HCV-438C(AC)	Globe	GHER-11405-M-40	D3	6"	6000 sccm 60 psig	75	(AD)	CS	NO, FO	J
HCV-438D(AC)	Globe	GHER-11405-M-40	D3	6"	6000 sccm 60 psig	O/54 C/52	(AD)	CS	NO, ~~FC~~ FO	J
HCV-467A(AC)	Globe	GHER-11405-M-40	F3	1.5"	5000 sccm 60 psig	9	(AD)	CS	NO, FC	J
HCV-467B(AC)	Globe	GHER-11405-M-40	F3	1.5"	5000 sccm 60 psig	9	(AD)	CS	NO, FC	J