



300 Madison Avenue
Toledo, OH 43652-0001
419-249-2300

John P. Stetz
Vice President - Nuclear
Davis-Besse

Docket Number 50-346

License Number NPF-3

Serial Number 1-1096

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United States Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Subject: Summary of Davis-Besse Testing Plans and Results Feedback
for Generic Letter 89-10 Butterfly Valves

Gentlemen:

The Nuclear Regulatory Commission (NRC) conducted an announced inspection of the Davis-Besse Generic Letter (GL) 89-10 program December 11-15, 1995. Additional information related to testing of butterfly valves at Davis-Besse has been requested by the NRC. Specifically, a summary of butterfly valve testing plans and a description of the mechanism for consideration of test results on valve setup and periodic verification has been requested.

By the end of the Tenth Refueling Outage, scheduled to begin in April, 1996, Davis-Besse intends to have completed diagnostic testing under at least static conditions for all butterfly valves in the GL 89-10 program. Diagnostic testing includes motor power measurement and/or torque measurement. Torque measurements will be obtained where practical on a selected group of valves. The performance of those valves for which torque is not measured will be evaluated by comparison of motor power results with those valves for which torque is measured. The number of valves for which torque measurements will be obtained will at a minimum meet the guidance of Supplement 6 to GL 89-10, as related to grouping of valves. Davis-Besse has seven groups of butterfly valves, with each group containing two, four, or eight valves. At a minimum, torque measurements will be obtained for both valves in two-valve groups, at least two valves in four-valve groups, and at least three valves in eight-valve groups.

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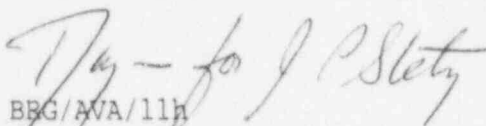
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Initial evaluation of test results will be completed prior to returning tested valves to service. Feedback of test results for impact on torque calculations and input into the periodic verification program will be completed in accordance with previously established program guidelines by August 30, 1996.

The attached Table 1 summarizes the current status of GL 89-10 butterfly valve testing and feedback activities.

Should you have any questions or require additional information, please contact Mr. James L. Freels, Manager - Regulatory Affairs, at (419) 321-8466.

Very truly yours,


BEG/AVA/11h

Attachment

cc: L. L. Gundrum, NRC Project Manager
H. J. Miller, Regional Administrator, NRC Region III
S. Stasek, DB-1 NRC Senior Resident Inspector
Utility Radiological Safety Board

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Attachment

Table 1: Summary of Testing and Feedback Status for GL 89-10 Butterfly Valves

VALVE	GROUP	MOTOR POWER MEASURED		TORQUE MEASURED		RESULTS FEEDBACK
		Static	DP	Static	DP	
CC1407A	1	10R	N	N	N	Note 1
CC1407B	1	10R	10R	10R	10R	Note 1
CC1411A	1	10R	N	N	N	Note 1
CC1411B	1	10R	10R	10R	10R	Note 1
CV5037	2	Y	N/A	Y	N/A	10R
CV5038	2	Y	N/A	Y	N/A	10R
CV5065	2	Y	N/A	Y	N/A	10R
CV5090	2	Y	N/A	Y	N/A	10R
CV5070	3	10R	Note 2	10R	Note 2	Post 10R
CV5074	3	10R	Note 2	10R	Note 2	Post 10R
CV5071	4	10R	Note 2	10R*	Note 2	Post 10R
CV5072	4	10R	Note 2	10R*	Note 2	Post 10R
CV5073	4	10R	Note 2	10R*	Note 2	Post 10R
CV5075	4	10R	Note 2	10R*	Note 2	Post 10R
CV5076	4	10R	Note 2	10R*	Note 2	Post 10R
CV5077	4	10R	Note 2	10R*	Note 2	Post 10R
CV5078	4	10R	Note 2	10R*	Note 2	Post 10R
CV5079	4	10R	Note 2	10R*	Note 2	Post 10R
SW1382	5	Y	N/A	Y	N/A	10R
SW1383	5	Y	N/A	Y	N/A	10R
SW1395	6	Y	Y	Y	Y	Y
SW1399	6	Y	Y	Y	Y	Y
SW2929	7	Y	N/A	Y	N/A	Y
SW2930	7	Y	N/A	Y	N/A	Y
SW2931	7	Y	N/A	Y	N/A	Y
SW2932	7	Y	N/A	Y	N/A	Y

*: Torque will be measured on a minimum of three valves in this group

Note 1: The test results obtained from 10RFO will be used to confirm current torque calculations. This feedback effort will be completed by August 30, 1996. Motor power measurements were obtained previously on all four valves, and torque measurements were obtained under static and dynamic conditions for CC1407B and CC1411B.

Note 2: These are the Containment Vacuum Breakers. The static test conditions closely approximate the design basis conditions for these valves. Thus, a DP test would provide no meaningful results beyond those obtained from a static test.

Y: Indicates test has been completed

N: Indicates test will not be performed

N/A: Indicates DP test is not practicable

10R: Tenth Refueling Outage