

Washington Public Power Supply System  
A JOINT OPERATING AGENCY

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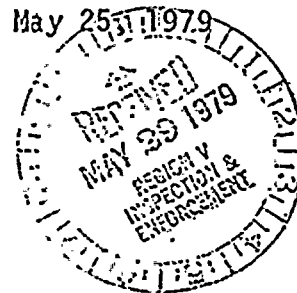
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Docket Nos. 50-397, 50-460,  
50-508, 50-509, 50-513



Mr. R. H. Engelken, Director  
U.S. Nuclear Regulatory Commission  
Region V  
Suite 202, Walnut Creek Plaza  
1990 N. California Boulevard  
Walnut Creek, CA 94596

Subject: IE BULLETIN 79-04  
VELAN SWING CHECK VALVES

Dear Mr. Engelken:

WPPSS has reviewed the subject IE Bulletin entitled, "Incorrect Weights for Swing Check Valves Manufactured by Velan Engineering Corporation" and submits the following information in response:

WNP-1/4 - Docket Nos. 50-460 and 50-513

A review of contractors supplying valves for WNP-1/4 has been performed and it has been concluded that there are no Velan valves being supplied for WNP-1/4.

WNP-3/5 - Docket Nos. 50-508 and 50-509

A review of contractors supplying valves for WNP-3/5 has been performed and it has been concluded that there are no Velan valves being supplied for WNP-3/5.

WNP-2 - Docket No. 50-397

As requested by the subject IE Bulletin, WNP-2 Seismic Category I piping systems have been reviewed to determine if 3, 4, or 6 inch diameter Velan swing check valves are installed or scheduled to be installed in these systems. From this review, it has been determined there are no Velan swing check valves used in any of the systems.

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Velan, however, has provided nine testable check valves in sizes of 6, 12 and 14 inch diameters which will be used in the HPCS, LPCS, RCIC, and RHR Seismic Category I piping systems. The testable check valves are a type of swing check with an air operator. Design weights for the testable check valves are more than double the weights of equivalent size swing check valves indicated in the subject bulletin.

We have been informed by Burns and Roe, that as a result of the subject bulletin, Velan has rechecked the weights of the testable check valves, either by measurements or recalculations. They have determined none of the valves exceed the weights indicated on the respective valve design drawings.

In the past WNP-2 has experienced problems with overweight Velan gate valves (62) in sizes ranging from 10 to 24 inch diameters. This problem was not identified to the NRC as a reportable deficiency since a review of the stress analyses for the affected piping systems indicated allowable piping system and hanger stresses would not be exceeded with the overweight valves installed. Some piping hangers, however, were modified to maintain design margins established by Burns and Roe.

If you have an questions, please feel free to contact me.

Very truly yours,



D. L. RENBERGER  
Assistant Director-  
Technology

DLR:GCS:ct

cc: Office of Inspection and Enforcement  
Washington D.C.

