



November 3, 1982

Mr. Paul O'Connor
 Project Manager
 Operating Reactors Branch No.5
 Division of Licensing
 U.S. Nuclear Regulatory Commission
 Washington, D.C. 20555

Subject: Dresden 2
 SEP Topic III-6, Seismic Design Considerations

NRC Docket 50-237

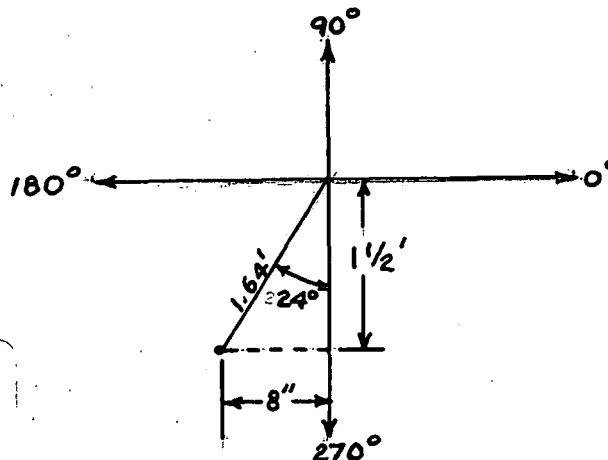
References: (a) T.J. Rausch letter to P.W. O'Connor
 dated July 7, 1982

(b) T.J. Rausch letter to P.W. O'Connor
 dated September 3, 1982.

Dear Mr. O'Connor:

The staff identified a lack of information with regard to motor-operated valves. References (a) and (b) provided additional information regarding pipe stress resulting from motor operated valves. However, the staff requires information regarding length of the valve lever arms and the associated limiting moment. The following is the orientation, length and direction of the lever arm for the sample valves used for the analysis (Reference a);

- 1) Air operated valves, AO-2-1601-58 and AO-2-1601-59 located on pressure suppression piping and CV-0302-21A located on control rod drive piping have a center of gravity 1-1/2 ft. above center line of pipe (no angles).
- 2) Motor operated valve MO-2-1402-38A has a center of gravity 1-1/2 ft. below the centerline of the pipe offset by approximately 8 inches (refer to attached drawing M-71, c9). This drawing shows that the pipe runs 45° south of east direction to north west. Below is the coordinate of the lever arm.



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Please address any questions you may have concerning this matter to this office.

One (1) signed original and thirty-nine (39) copies of this transmittal have been provided for your use.

Very truly yours,



Thomas J. Rausch
Nuclear Licensing Administrator
Boiling Water Reactors

SPPJ/rmr

2445D

Attachment

cc: RIII Resident Inspector, Dresden
Gregg Cwalina, SEP Integrated Assessment Project Manager
(W/Attachment)