

July 12, 1990

Docket Nos. 50-390
and 50-391

Mr. Oliver D. Kingsley, Jr.
Senior Vice President, Nuclear Power
Tennessee Valley Authority
6N 38A Lookout Place
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Dear Mr. Kingsley:

SUBJECT: WATTS BAR NUCLEAR PLANT - COMPLETION OF TMI ITEM II.E.4.2 (TAC 63633)

In Supplement No. 3 to the SER, we stated that operability of the containment purge/vent isolation valves during LOCA-induced pressure transients inside containment was still under review. We have since completed that review and find that all of the information submitted demonstrates that the Posi-Seal International 8-in., 12-in., and 24-in. upper compartment valves are able to close against the buildup of pressure in containment in the event of a design-basis accident. We also find the Posi-Seal International 24-in. valves in the lower compartment of containment, when blocked by mechanical means to an opening angle of 50° or less, are able to close against the buildup of pressure in containment in the event of a DBA/LOCA. The limitation of the opening angle to 50° or less for the lower compartment valves will be reflected in the Technical Specification.

Therefore, we consider this issue fully resolved. The enclosed report, prepared by our contractor, Brookhaven National Laboratory, provides details of our review.

Sincerely,

Original signed by

Peter S. Tam, Senior Project Manager
Project Directorate II-4
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

cc: See next page

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