

NOV 14 1984

Mr. Frank A. Spangenberg
Director of Nuclear Licensing &
Configuration Management
Clinton Power Station
P. O. Box 306
Mail Code V920
Clinton, Illinois 61727

Dear Mr. Spangenberg:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING TMI ACTION ITEM II.D.1,
RELIEF AND SAFETY VALVE TEST REQUIREMENTS FOR CLINTON POWER STATION

A final report NEDE-24988-P, "Analysis of Generic BWR Safety/Relief Valve Operability Tests Results" has been submitted by the BWR Owners Group to the NRC for review to resolve TMI Action Plan Item II.D.1.

Although Illinois Power is a participant in the BWR Owners Group the additional information identified in the enclosure arising from our review of report NEDE-24988-P is needed, on a plant specific basis, to complete our review.

It is requested that you provide a response within 45 days of receipt of this letter. Any questions concerning this request should be directed to Byron Siegel, Licensing Project Manager, at (301) 492-8344.

Sincerely,

Original signed by:

A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing

Enclosure: As stated

cc: V. Noonan
R. Wright

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Enclosure

Request for Additional Information Related to
TMI Action Plan II.D.1, Relief and Safety
Valve Test Requirements

Prior submittals do not provide the basis for the conclusion that the test results presented in NEDE-24988-P on safety/relief valve testing are applicable to your specific plant. Describe the basis thoroughly, as indicated below.

1. The test program utilized a "rams head" discharge pipe configuration. Most plants utilize a "tee" quencher configuration at the end of the discharge line. Describe the discharge pipe configuration used at your plant and compare the anticipated loads on valve internals in the plant configuration to the measured loads in the test program. Discuss the impact of any differences in loads on valve operability.
2. The test configuration utilized no spring hangers as pipe supports. Plant specific configurations do use spring hangers in conjunction with snubber and rigid supports. Describe the safety relief valve pipe supports used at your plant and compare the anticipated loads on valve internals for the plant pipe supports to the measured loads in the test program. Describe the impact of any differences in loads on valve operability.
3. The purpose of the test program was to determine valve performance under conditions anticipated to be encountered in the plants. Describe the events and anticipated conditions at the plant for which the valves are required to operate and compare these plant conditions to the conditions in the test program. Describe the plant features assumed in the event evaluations used to scope the test program and compare them to the features at your plant. For example, describe high level trips to prevent water from entering the steam lines under high pressure operating conditions as assumed in the test event and compare them to trips used at your plant.
4. Describe how the values of valve C_v 's in report NEDE-24988-P will be used at your plant. Show that the methodology used in the test program to determine the valve C_v will be consistent with the application at your plant.