

SEP 21 1982

Docket No. 50-334

Mr. J. J. Carey, Vice President
Duquesne Light Company
Nuclear Division
Post Office Box 4
Shippingport, Pennsylvania 15077

Dear Mr. Carey:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION RE: PROPOSED CHANGES TO
TECHNICAL SPECIFICATIONS FOR LEAKAGE TESTING

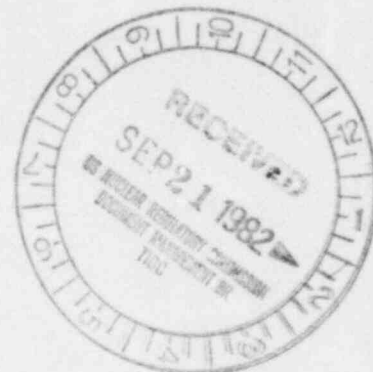
By letter dated August 3, 1982, you proposed leak rate testing of certain isolation valves using water in lieu of air or nitrogen. As part of our review of the proposed changes, we have identified a number of items for which additional information is needed before we can complete our review. The needed information is identified in the enclosure. Please respond to this request within 30 days of receipt of this letter.

Sincerely,
Original signed by:
S. A. Varga

Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

Enclosure:
As stated

cc w/enclosure:
See next page



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PDR ADOCK 05000334
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OFFICE	ORB#1:DL	ORB#1:DL					
SURNAME	PTam:ds	S.Varga					
DATE	09/17/82	09/17/82					

Mr. J. J. Carey
Duquesne Light Company

cc: Mr. H. P. Williams
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Ronald C. Haynes
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U. S. Nuclear Regulatory Commission
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REQUEST FOR ADDITIONAL INFORMATION REGARDING
PROPOSED CHANGES TO LEAKAGE TESTING
TECHNICAL SPECIFICATIONS FOR BEAVER VALLEY 1

1. In your submittal of August 3, 1982, you proposed leak rate testing of certain isolation valves using water in lieu of air or nitrogen. Although, water testing of certain valves for leakage is permissible under Appendix J requirements, a licensee is required to perform an analysis to justify that the affected valves will remain water-covered following onset of the postulated LOCA. Specifically, the following information is needed:
 - a) Source of sealing water for each of the affected valves;
 - b) Minimum water inventory available assuming a single active failure in the associated system. The effect of water evaporation and boiling should be considered in the inventory analysis; and
 - c) Proposed technical specification limits for the water test to ensure that the affected valves will remain water covered up to 30 days following onset of a LOCA under a pressure of 1.1 Pa.

2. In order to support analyses of available water inventory, additional information should be provided regarding the seismic category, quality group classification and missile/pipe whip protection for the piping systems which comprise the inventory envelope. This information should include tables describing the design criteria for each piping system and piping diagrams indicating the quality group classification.