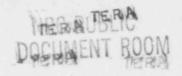


UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555



TERE

JUNE 1 1 1979

Docket Nos. 50-282 and 50-306

Mr. L. O. Mayer, Manager Nuclear Support Services Northern States Power Company 414 Nicollet Mall - 8th Floor Minneapolis, Minnesota 55401

Dear Mr. Mayer:

SUBJECT: INFORMATION COPY OF REQUEST FOR ADDITIONAL INFORMATION REGARDING WESTINGHOUSE SMALL BREAK LOCA ANALYSIS

As we discussed with you during our meeting on May 30, 1979, the NRC staff is evaluating certain aspects of the NRC licensing process in light of the Three Mile Island Unit 2 (TMI-2) accident of March 28, 1979. One of the aspects being addressed by the staff in its evaluation is the status of the models used in safety analyses, especially with regard to transients and small break LOCAs. Enclosed is a copy of an NRC letter, dated June 4, 1979, requesting information from your nuclear steam supply vendor, the Westinghouse Electric Corporation, regarding small break LOCA analyses and analysis methods. This enclosure is provided for your information.

It is our understanding that you are participating in this effort as it applies to your licensed power plants through an owners group. At some point in this effort we will require that you document the applicability of the results of these Westinghouse analyses to your plants. To that end, a copy of all correspondence to Westinghouse and the owners group on this matter will be provided to you and placed in our files on your specific plants.

Please contact P. D. O'Reilly, the staff's assigned project managerfor this matter, if you have any questions.

Sincerely,

A. Schwencer, Chief

Operating Reactors Branch #1 Division of Operating Reactors

Enclosure: NRC June 4, 1979 letter to Westinghouse

cc: w/enclosures See next page 364 287

Mr. L. O. Mayer Northern States Power Company

cc: Gerald Charnoff, Esquire Shaw, Pittman, Potts and Trowbridge 1800 M Street, N.W. Washington, D. C. 20036

> Sandra S. Gardebring Executive Director Minnesota Pollution Control Agency 1935 W. County Road B2 Roseville, Minnesota 55113

The Environmental Conservation Library Minneapolis Public Library 300 Nicollet Mall Minneapolis, Minnesota 55401

Mr. F. P. Tierney, Plant Manager Prairie Island Nuclear Generating Plant Northern States Power Company Route 2 Welch, Minnesota 55089

Joclyn F. Olson, Esquire Special Assistant Attorney General Minnesota Pollution Control Agency 1935 W. County Road B2 Roseville, Minnesota 55113

Robert L. Nybo, Jr., Chairman Minnesota-Wisconsin Boundary Area Commission 619 Second Street Hudson, Wisconsin 54016

Clarence D. Fierabend U. S. Nuclear Regulatory Commission F. O. Box 374 Red Wing, Minnesota 55066



LINITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555

JUN 4 1979

Mr. Tom M. Anderson, Manager Nuclear Safety Department Westinghouse Electric Corporation P. O. Box 355 Pittsburgh, Pennsylvania 15230

Dear Mr. Anderson:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING SMALL BREAK

LOCA ANALYSIS

As you are aware, the NRC staff is evaluating certain aspects of the NRC licensing process in light of the Three Mile Island Unit 2 (TMI-2) accident, of March 28, 1979. One of the aspects being addressed in this evaluation is the status of models used in safety analyses, especially those used to analyze transients and small break LOCA's. In order for the staff to complete its evaluation of the response of currently operating Westinghouse-designed plants to postulated small break LOCA's, additional information is required. These information needs, which pertain to expected system behavior following postulated small break LOCA's and small break LOCA analysis methods and results, are identified in the enclosure to this letter.

Please provide, within seven days of the date of receipt of this letter, your schedule for responding to the items contained in the enclosure. We recognize that some of the requested information may have already been provided to the staff in the course of other reviews. In lieu of referencing already submitted material, we would prefer, in order to facilitate our review, that the responses be provided in one complete document.

The information contained in the enclosure was discussed with your representatives at our May 31, 1979 meeting. If you have any question regarding the contents of this letter, please contact P. D. O'Reilly, the assigned project manager.

Sincerely,

DUPLICATE DOCUMENT Entire document previously entered into system under: No. of pages:

Enclosure: As stated

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