


Jersey Central Power & Light Company



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MEMBER OF THE
General  Public Utilities Corporation

December 29, 1975

Mr. Olan D. Parr, Chief
Light Water Reactors
Project Branch 1-3
Division of Reactor Licensing
U.S. Nuclear Regulatory Commission
Washington, DC 20555

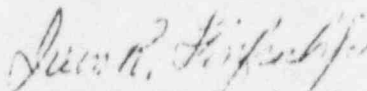
Dear Mr. Parr:

SUBJECT: FORKED RIVER NUCLEAR GENERATING STATION
DOCKET NUMBER 50-363
TRANSIENT TO LOADS ON REACTOR VESSEL SUPPORTS

In your letter of November 25, 1975, you requested a review of the design bases for the Forked River reactor vessel support system. This subject of reactor cavity pressurization was addressed in the Forked River PSAR in Amendment 9 (Question 14.8). Pressures were calculated modelling the reactor cavity as a single node. The forces which were considered to act on the vessel were the blowdown jet forces at the location of the rupture. Transient differential pressures in the annular region and across the core barrel were not part of this analysis.

We have been continuously aware of the licensing history of reactor cavity pressurization problems and were reevaluating the adequacy of the vessel supports based on a multinode analysis when Forked River was delayed. The revised dynamic analysis accounting for transient differential pressure effects will be completed when the project is reactivated. We will inform you of these results.

Very truly yours,


Ivan R. Finfrock, Jr.
Vice President

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