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AUTH.NAME AUTHOR AFFILIATION
RHODE,G.K. Niagara Mohawk Power Corp.
RECIP.NAME RECIPIENT AFFILIATION
DENTON,H.R. Office of Nuclear Reactor Regulation

SUBJECT: Responds to 791009 ltr re generic Mark-II long-term program. Util will adhere to program.Plant specific approach will be used for LOCA steam condensation submerged structures load.

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NIAGARA MOHAWK

Gerald K. Rhode
Vice President
System Project
Management

NIAGARA MOHAWK POWER CORPORATION/300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202/TELEPHONE (315) 474-1511

November 15, 1979

Mr. Harold Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Denton:

Subject: Nine Mile Point Unit 2
Docket No. 50-410

In response to Mr. S. A. Varga's letter dated October 9, 1979, the Nine Mile Point Unit 2 Project intends to adhere to the generic Mark II long-term program. This program was presented at a July 24, 1979, meeting between the Nuclear Regulatory Commission and the Mark II owners. An update of the long-term generic Mark II program will be made at a November 14, 1979, meeting in Bethesda, Maryland.

There is, however, a load definition for which a plant-specific approach is indicated. This load definition is the LOCA steam condensation submerged structures load. For these loads, we plan to use load sources derived from generic Mark II tasks for condensation oscillations and chugging. The flow field resulting from these sources, along with the drag coefficients as specified in the generic program for the LOCA air bubble drag loads, will be used to determine the load. Details will be provided in a revision to the Design Assessment Report to be submitted with the Final Safety Analysis Report.

Sincerely,

G. K. Rhode, Vice President
System Project Management

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