

MAR 15 1984

MEMORANDUM FOR: Gus C. Lainas, Assistant Director
for Operating Reactors, DL

FROM: Frank J. Miraglia, Assistant Director
for Safety Assessment, DL

SUBJECT: TMI-1 10 CFR 2.206 PETITION --- SEISMIC
CAPABILITY OF EMERGENCY FEEDWATER SYSTEM

SP-289

As requested, we have prepared the enclosed Safety Evaluation Report which addresses the seismic capability questions raised by the UCS petition dated January 20, 1984. Please note that this report was prepared on the basis that other staff evaluations have concluded that accidents, such as a main steamline break and a main feedwater line break, do not have to be considered at this time due to their low probability of occurrence during the next operating cycle.

It should be noted that, with one exception, the petition did not present any information that was not considered at the time we prepared our SER on this subject in 1983. The exception deals with postulated interaction from failures of non-seismic portions of other systems. In our review of this exception, which included a visit to the plant, we conclude that there is reasonable assurance that local manual actions will not be precluded by a steam environment during Cycle 5 of plant operation.

Our overall conclusion remains that there is reasonable assurance that the emergency feedwater system can withstand a safe shutdown earthquake and perform its intended safety function.

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Frank J. Miraglia, Assistant Director
for Safety Assessment
Division of Licensing

Enclosure:
Safety Evaluation Report

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