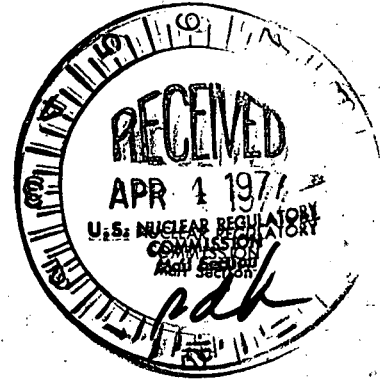




Consumers
Power
Company

General Offices: 212 West Michigan Avenue, Jackson, Michigan 49201 • Area Code 517 788-0550

March 30, 1977 **REGULATORY DOCKET FILE COPY**



Director of Nuclear Reactor Regulation
Att: Mr Albert Schwencer, Chief
Operating Reactor Branch No 1
US Nuclear Regulatory Commission
Washington, DC 20555

DOCKET 50-255 - LICENSE DPR-20 -
PALISADES PLANT - EXXON ECCS
EVALUATION MODEL

As requested in your December 20, 1976 letter, a reevaluation of the Palisades Nuclear Plant ECCS system has been performed by Exxon Nuclear Company using an NRC staff approved model that precludes the return to nucleate boiling during blowdown after critical heat flux has been predicted. This reevaluation is documented in the topical report XN-76-44(A), entitled "Revised Nucleate Boiling Lockout for ENC WREM-Based ECCS Evaluation Models," dated February 1977 and transmitted directly by Exxon to Mr George Lear, DOR, by letter dated February 8, 1977.

The reference report should complete questions on this subject.

David P. Hoffman/nb

David P Hoffman
Assistant Nuclear Licensing Administrator

CC: JGKepler, USNRC