



**Consumers
Power
Company**

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July 28, 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 - POWER INCREASE APPLICATION

Consumers Power Company made application for a power increase to 2638 MW_t and full-term license by letter dated January 22, 1974. On January 19, 1977, a meeting was held with NRC staff members to discuss an interim power increase to 2530 MW_t for the Palisades Plant. Subsequently, a meeting among the NRC, Exxon Nuclear Company and Consumers Power Company was held on May 10, 1977 to discuss the schedule for submittal, review and approval of the interim power increase request and present some early LOCA analysis. As a result of the May 10 meeting, the NRC staff assigned technical reviewers to review the analyses on a preliminary basis and recommend additional analyses that would be required to complete their review.

The schedule developed on May 10 called for Consumers Power to submit all technical reports by July 18, 1977, to submit Technical Specifications changes by August 1, 1977, and for review and approval to be completed in six to eight weeks (approximately mid-September). It is vitally important to Consumers Power and its customers to obtain approval of the power increase at the earliest possible date. As indicated in the May 10 meeting, the estimated 100 MW_e capacity increase of the Palisades Plant would save Consumers Power and its customers approximately 1.1 million dollars per month for the remainder of 1977. This savings would be realized by the reduction in fossil fuel usage.

By letter dated July 15, 1977, Exxon transmitted the supporting documentation (list attached) for Consumers Power's request for an interim power increase. The Technical Specifications changes and additional analyses requested by the NRC staff will be submitted on August 5, 1977.

It must be stressed that the requested power increase is just an interim step in our request for a full-term operating license and application for an increase (to 2638 MW_t) in power level for the Palisades Plant. The documentation provided at this time is intended to supplement that application.

David P Hoffman
Assistant Nuclear Licensing Administrator

CC: JGKeppler, USNRC

ATTACHMENT

Exxon Nuclear Company, Inc
Documents Submitted in Support
of the Palisades Plant Power Increase

1. XN-NF-77-18, "Plant Transient Analysis of the Palisades Reactor for Operation at 2530 MW_t," dated July 15, 1977
2. XN-NF-77-22, "Steady-State Thermal Hydraulic and Neutronics Analysis of the Palisades Reactor for Operation at 2530 MW_t," dated July 15, 1977
3. XN-NF-77-24, "LOCA Analysis for Palisades at 2530 MW_t Using the ENC WREM-II PWR ECCS Evaluation Model," dated July 15, 1977

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