DAIRYLAND POWER COOPERATIVE

La Crosse, Wisconsin

54601

February 26, 1979

In reply, please refer to LAC-6130

DOCKET NO. 50-409

Director of Nuclear Reactor Regulation
ATTN: Mr. Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

SUBJECT: DAIRYLAND POWER COOPERATIVE
LA CROSSE BOILING WATER REACTOR (LACBWR)
PROVISIONAL OPERATING LICENSE NO. DPR-45
APPLICATION FOR AMENDMENT TO LICENSE AND
RELOAD PLAN FOR FUEL CYCLE-6

Reference: (1) 10CFR50, Section 50.90.

Gentlemen:

Enclosed with this letter are three signed originals and 37 copies of the refueling plan for LACBWR Fuel Cycle-6 (LAC-TR-067). Also included, in accordance with the provisions of Reference (1), are proposed changes to the Technical Specifications of Provisional Operating License No. DPR-45 which are necessary to include Type I fuel for the proposed operation during LACBWR Fuel Cycle-6. The refueling plan and the proposed Technical Specification changes have been reviewed and approved by the LACBWR Safety Review Committee.

The refueling plan for Cycle-6 includes the use of two (2) Type I fuel assemblies. Type I fuel was used in the LACBWR until May 1975 (EOC-3) but was not included in the Technical Specifications issued at the beginning of Fuel Cycle-5. Type I and Type II fuel are identical in design except for a small difference in uranium enrichment, 3.63% for Type I and 3.92% for Type II.

Exxon Nuclear Co., Inc. has conducted a computer analysis comparison between Type I and Type II fuels based on stored energy using the NRC approved GAPEX code and found "an insignificant increase in stored energy. Therefore, the same MAPLHGR limits can be applied to the Type I and Type II fuels."

The proposed Technical Specification limits for MCPR are consistent with the limiting transients for Fuel Cycle-6 as reported in the reload plan, LAC-TR-067.

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$4,000.00

Mr. Dennis L. Ziemann, Chief
Operating Reactors Branch #2

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In accordance with the provisions of 10CFR170, we have determined that the proposed change constitutes a Class III amendment since the proposed change involves a single safety issue. Therefore we are enclosing a check for $4,000.00 to cover the fee.

If there are any questions concerning this submittal, please contact us.

Very truly yours,

DAIRYLAND POWER COOPERATIVE

Frank Linder

Frank Linder, General Manager

FL:SJR:af
Enclosures
cc: J. Keppler, Reg. Dir., NRC-DRO III

STATE OF WISCONSIN)
)
COUNTY OF LA CROSSE)

Personally came before me this 26 th day of February, 1979, the above named Frank Linder, to me known to be the person who executed the foregoing instrument and acknowledged the same.

Notary Public, La Crosse County, Wisconsin.
My Commission Expires 3/2/80.