

DAIRYLAND POWER COOPERATIVE

La Crosse, Wisconsin

54601

November 29, 1979

In reply, please
refer to LAC-6664

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
LIQUEFACTION POTENTIAL AND SEISMIC ANALYSIS OF
SYSTEMS AND STRUCTURES AT LACBWR (SEP TOPICS
II-4 AND III-6)

Gentlemen:

At the conclusion of the meeting on November 2, 1979, in Bethesda, Maryland between representatives of Dairyland Power Cooperative (DPC), our consultants and members of the NRC staff, it was directed that Dairyland Power Cooperative propose on or before November 30, 1979, measures to mitigate the NRC-postulated potential for liquefaction in the event that the LACBWR plant site experiences soil liquefaction in the top forty (40) feet due to a Safe Shutdown Earthquake (SSE) resulting in a ground surface acceleration of 0.12g.

Our consultant, Dames and Moore, has reviewed on an expedited basis various physical modifications, additions or mechanical systems available to densify and/or improve the foundation conditions to mitigate liquefaction potential.

Enclosed with this letter is the:

"DRAFT PRELIMINARY REPORT

dated November 29, 1979

PROPOSED MEASURE TO MITIGATE THE POTENTIAL
FOR LIQUEFACTION AT LACBWR PLANT SITE NEAR
GENOA, WISCONSIN"

prepared for Dairyland Power Cooperative by Dames and Moore.

THIS DOCUMENT CONTAINS
POOR QUALITY PAGES

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

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It is our intention to proceed with the installation of the recommended method contingent upon the issuance of a favorable decision of the Atomic Safety and Licensing Board regarding the proposed modification of the LACBWR fuel element storage well, receipt of NRC approval of the proposed method of densification and agreement of a satisfactory schedule for installation.

We will provide more detailed design information and discussions of the proposed mitigative measure following your review and approval of the dewatering option.

If you have any questions regarding our proposal or the information in the preliminary report, please contact us.

Very truly yours,

DAIRYLAND POWER COOPERATIVE



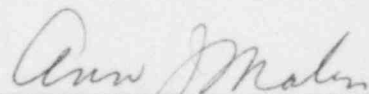
Frank Linder, General Manager

FL:RES:af

cc: J. Pappeler, Reg. Dir., NRC-DRO III

State of Wisconsin)
)
County of La Crosse)

Personally came before me this 29th day of November, 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 March 2, 1980.