

May 12, 1980

In reply, please
 refer to LAC-6910

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

Reference: (1) NRC Letter, Ziemann to Linder,
 dated April 25, 1980.

Gentlemen:

Your letter (Reference 1), which was received on May 2, 1980,
 requested that you be informed of our intent to respond to your
 letter and to provide a schedule for the response.

We intend to respond in full to the review questions presented
 with Reference 1. In most cases, due to the need for extensive
 research and consultation prompted by the questions, it is expected
 that response information will be submitted over a period of approx-
 imately six weeks.

Item 1 - *Identification and evaluation of structures and components
 critical to safe shutdown, etc.*

Response containing preliminary evaluation estimated to be completed
 and submitted by June 30, 1980.

Item 2 - *Density and earth pressure coefficient of the soils of
 concern.*

- a. Initial response estimated to be submitted by May 16, 1980.
 Response will contain several plots with an explanation of how
 blow counts as influenced by pile driving were predicted and
 measured for the referenced project.

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

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- b. Initial response estimated to be submitted by May 23, 1980. Response will contain several plots and short discussions of other case histories.
- c. Initial response estimated to be submitted by May 23, 1980. Response will contain several short explanations and references to other case histories.
- d. Following appropriate technical discussions with your technical staff regarding the necessity and scope of field work, it is estimated that a schedule for the development of additional site specific data can be provided by June 13, 1980.

Item 3 - *Site stability during excavation and pile driving during construction.*

Response estimated to be submitted by May 23, 1980. Construction records, logs and diaries are being researched for field data.

Item 4 - *Basis for density increases.*

Initial response estimated to be submitted by May 16, 1980. Table of calculations to be provided.

Item 5 - *N, and depth values.*

Initial response estimated to be submitted by May 30, 1980. Submittal will include tables and plots.

Item 6 - *Effect of an oiled rope.*

Initial response estimated to be submitted by May 30, 1980. Earlier submittal may be possible based on schedule of Professor Seed.

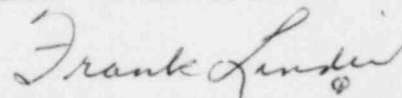
Item 7 - *Basis for a lower SSE.*

Initial response estimated to be submitted by June 6, 1980.

If there are any questions concerning the schedules presented above, please contact us.

Very truly yours,

DAIRYLAND POWER COOPERATIVE



Frank Linder, General Manager

FL:RES:af

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