

**DAIRYLAND POWER COOPERATIVE**

P

*La Crosse, Wisconsin*

54601

September 26, 1978

In reply, please  
refer to LAC-5478

DOCKET NO. 50-409 /

Director of Nuclear Reactor Regulation  
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  
FULL TERM LICENSE APPLICATION - SUPPLEMENTAL  
TECHNICAL INFORMATION - SEISMIC

Reference: (1) DPC Letter, LAC-2788, Madgett to Giambusso,  
dated October 9, 1974.  
(2) AEC Letter, Skovholt to Madgett,  
dated September 26, 1972.

Gentlemen:

Technical information contained in Reference 1 (Application for Conversion of Provisional Operating License No. DPR-45 for the La Crosse Boiling Water Reactor (LACBWR) to a Full Term Operating License) discussed seismic design and responded to an AEC request for additional information (Reference 2).

Included in the response was a finding for additional action on the part of the licensee which is quoted below from Attachment II - Technical Information - Section 1.1, Seismic Design, paragraph 1.1.2, Summary of Finding, action statement 1.

- "1. Seismic analysis of those piping systems which are required for reactor safety is proceeding in order to determine the type and location of additional seismic restraints."

During a meeting with the NRC technical staff in Bethesda, Maryland on August 8, 1978 for the purpose of discussing geology and site specific seismic evaluation criteria for the La Crosse Boiling Water Reactor, we commented on the completion of seismic and stress analyses of four major piping systems within containment and offered to submit reports of this work to the staff as examples of analytical work already accomplished which may be of value in the Systematic Evaluation Program.

LPDR

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Accordingly, forty (40) copies each of the following reports are being forwarded as follows:

- 1) "Seismic and Stress Analysis of the LACBWR Feedwater Piping System", Nuclear Energy Services Report No. 81A0087, dated July 18, 1975.
- 2) "Seismic and Stress Analysis of LACBWR Main Steam Piping System", Nuclear Energy Services Report No. 81A0088, dated August 1, 1975.
- 3) "Seismic and Stress Analysis of LACBWR Recirculation Piping System", Nuclear Energy Services Report No. 81A0089, dated November 11, 1975.
- 4) "Seismic and Stress Analysis of the LACBWR High Pressure Core Spray Suction Line Piping System", Nuclear Energy Services Report No. 81A0090, dated July 9, 1976.
- 5) "Seismic and Stress Analysis of the LACBWR High Pressure Core Spray Discharge Line Piping System", Nuclear Energy Services Report No. 81A0091, dated May 10, 1977.

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

Very truly yours,

DAIRYLAND POWER COOPERATIVE

*Frank W. Linder*  
Frank W. Linder  
Assistant General Manager

FWL:RES:af

Enclosures

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


NOTE: Three copies of each report are being transmitted with this letter and thirty-seven copies of each are being transmitted under separate cover.

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STATE OF WISCONSIN )  
                          )  
COUNTY OF LA CROSSE)

Personally came before me this 26<sup>th</sup> day of September, 1978,  
the above named Frank W. Linder, to me known to be the person who  
executed the foregoing instrument and acknowledged the same.

  
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Notary Public, La Crosse County  
Wisconsin.  
My Commission Expires March 2, 1980.