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UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555

August 9, 1979

Docket No. 50-409

Mr. Frank Linder General Manager Dairyland Power Cooperative 2615 East Avenue South La Crosse, Wisconsin 54601

Dear Mr. Linder:

RE: REQUEST FOR ADDITIONAL INFORMATION SYSTEMATIC EVALUATION PROGRAM STRUCTURAL TOPICS LACROSSE BOILING WATER REACTOR

To continue our review of the Systematic Evaluation Program structural topics, we request that you provide the information described in the enclosure for each of the identified topics.

Your response is requested within 30 days so that we can maintain our review schedule.

Sincerely,

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Dennis L. Ziemann, Chief Operating Reactors Branch #2 Division of Operating Reactors

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Enclosure: Request for Additional Information

cc w/enclosure: See next page

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Mr. Frank Linder

CC

Fritz Schubert, Esquire Staff Attorney Dairyland Power Cooperative 2615 East Avenue South La Crosse, Wisconsin 54601

O. S. Heistand, Jr., Esquire Morgan, Lewis & Bockius 1800 M Street, N. W. Washington, D. C. 20036

Mr. R. E. Shimshak La Crosse Boiling Water Reactor Dairyland Power Cooperative P. O. Box 135 Genoa, Wisconsin 54632

Coulee Region Energy Coalition ATTN: George R. Nygaard P. O. Box 1583 La Crosse, Wisconsin 54601

La Crosse Public Library 800 Main Street La Crosse, Wisconsin 54601

K M C Inc. ATTN: Mr. Richard E. Schaffstall 1747 Pernsylvania Avenue, N. W. Suite 1050 Washington, D. C. 20006

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LACROSSE BOILING WATER REACTOR

REQUEST FOR ADDITIONAL INFORMATION

FOR STRUCTURAL TOPICS

III-2 Wind and Tornado Loads

Specify specific tables and sections of ASCE paper 3269 that were used in the design considerations of wind loading of the plant.

III-3.A Effects of High Water Level on Structures

For each of the sarety-related structures state the water level that was considered in the design.

- III-7.B Design Codes, Design Criteria, Load Combination, and Reactor Cavity Design Criteria
- Provide detailed descriptions of the containment and the internal structures of the plant.
- With regard to the design of the containment and the internal structures, provide the design specifications and appropriate design reports. This information should include the information requested in items three through seven below.
- List the codes and standards (including edition date) used for design and construction of all safety-related structures, including the allowable stresses used in design.
- List all loads and load combinations considered in the design of each safety-related structure, including any missile or pipe break effects.
- Provide the pertinent material properties of the steel and concrete used in the design of all safety-related structures (i.e., fy, fc, etc.).
- Provide a summary of stresses or strains at critical locations in all safety-related structures for each load and load combination considered in the design.
- 7. Provide the buckling criteria used for design of the steel containment.

III-7.D Containment Structural Integrity Tests

Provide any reports that describe the procedures and results of the primary containment structural integrity test.