



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

March 24, 2010

Mr. Mark A. Schimmel  
Site Vice President  
Prairie Island Nuclear Generating Plant  
Northern States Power - Minnesota  
1717 Wakonade Drive East  
Welch, MN 55089

SUBJECT: REQUEST FOR WITHHOLDING INFORMATION FROM PUBLIC DISCLOSURE  
FOR THE PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNITS 1 AND 2  
(TAC NOS. ME3015 AND ME3016)

Dear Mr. Schimmel:

By letter (LI-PI-09-133) dated December 28, 2009 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML093650045), Northern States Power Company, a Minnesota corporation (NSPM), submitted a license amendment request for the Prairie Island Nuclear Generating Plant, Units 1 and 2. The proposed amendment would increase the licensed rated thermal power (RTP) as a result of a measurement uncertainty recapture power uprate. The proposed change would increase the RTP by 1.64 percent from 1650 megawatts thermal (MWt) to 1677 MWt. NSPM's request is based on reduced uncertainty in the RTP measurement achieved by installation of a Caldon Leading Edge Flow Meter Checkplus™ System used to measure feedwater flow and temperature.

The submittal contained an affidavit addressing the need for withholding specified information from public disclosure. The affidavit (CAW 09-05) dated September 10, 2009, was executed by Mr. Calvin R. Hastings of Cameron International Corporation, on behalf of its operating unit, Caldon Ultrasonics Technology Center, requesting that the information contained in the following documents be withheld from public disclosure pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR), Part 2, Section 2.390:

1. LI-PI-09-133, Enclosure 4, Caldon® Ultrasonics, Engineering Report ER-532 Rev. 1, "Uncertainty Analysis for Thermal Power Determination at Prairie Island Unit 1 Using the LEFM√ + System," (**Proprietary**).
2. LI-PI-09-133, Enclosure 5, Caldon® Ultrasonics, Engineering Report ER-533 Rev. 2, "Uncertainty Analysis for Thermal Power Determination at Prairie Island Unit 2 Using the LEFM√ + System," (**Proprietary**).
3. LI-PI-09-133, Enclosure 6, Caldon® Ultrasonics, Engineering Report No. ER-583 Rev. 0, "LEFM√ + Meter Factor Calculation and Accuracy Assessment for Prairie Island Unit 1 Nuclear Power Station (Alden Reports No. 2007-001/1229)," (**Proprietary**).
4. LI-PI-09-133, Enclosure 7, Caldon® Ultrasonics, Engineering Report No. ER-553, Rev. 2, "LEFM√ + Meter Factor Calculation and Accuracy Assessment for Prairie Island Unit 2 Nuclear Power Station (Alden Reports No. 2006-163/C730)," (**Proprietary**).

The affidavit stated that the submitted information should be considered exempt from mandatory public disclosure for the following reasons:

Public disclosure of this information is likely to cause substantial harm to the competitive position of Cameron because it would enhance the ability of competitors to provide similar flow and temperature measurement systems and licensing defense services for commercial power reactors without commensurate expenses. Also, public disclosure of the information would enable others to use the information to meet NRC requirements for licensing documentation without the right to use the information.

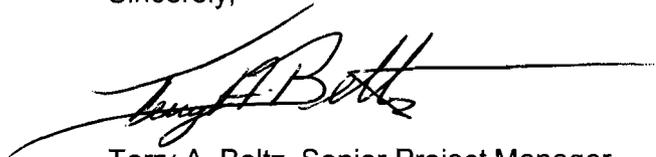
We have reviewed your application and the material in accordance with the requirements of 10 CFR 2.390 and, on the basis of the statements in the affidavit, have determined that the submitted information sought to be withheld contains proprietary commercial information and should be withheld from public disclosure. Therefore, the entire document identified as Enclosure 3, which is marked as proprietary, will be withheld from public disclosure pursuant to 10 CFR 2.390(b)(5) and Section 103(b) of the Atomic Energy Act of 1954, as amended.

Withholding from public inspection shall not affect the right, if any, of persons properly and directly concerned to inspect the documents. If the need arises, we may send copies of this information to our consultants working in this area. We will, of course, ensure that the consultants have signed the appropriate agreements for handling proprietary information.

If the basis for withholding this information from public inspection should change in the future such that the information could then be made available for public inspection, you should promptly notify the NRC. You also should understand that the NRC may have cause to review this determination in the future, for example, if the scope of a Freedom of Information Act request includes your information. In all review situations, if the NRC makes a determination adverse to the above, you will be notified in advance of any public disclosure.

If you have any questions regarding this matter, I may be reached at (301) 415-3049.

Sincerely,

A handwritten signature in black ink, appearing to read "Terry A. Beltz", is written over a horizontal line.

Terry A. Beltz, Senior Project Manager  
Plant Licensing Branch III-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-282 and 50-306

cc: See next page

M. Schimmel

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Prairie Island Nuclear Generating Plant, Units 1 and 2

cc:

Mr. Calvin R. Hastings  
General Manager  
Caldon® Ultrasonics Technology Center  
1000 McClaren Woods Drive  
Coraopolis, PA 15108

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M. Schimmel

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Prairie Island Nuclear Generating Plant, Units 1 and 2

cc:

Mr. Calvin R. Hastings  
General Manager  
Caldon® Ultrasonics Technology Center  
1000 McClaren Woods Drive  
Coraopolis, PA 15108

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