



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

February 3, 2014

Mr. Michael J. Pacilio  
Senior Vice President  
Exelon Generation Company, LLC  
President and Chief Nuclear Officer (CNO)  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: BYRON STATION, UNIT NOS. 1 AND 2, AND BRAIDWOOD STATION, UNITS  
1 AND 2 - REQUEST FOR WITHHOLDING INFORMATION FROM PUBLIC  
DISCLOSURE (TAC NOS. MF2418, MF2419, MF2420, AND MF2421)

Dear Mr. Pacilio:

By letter dated October 9, 2012 (Agency Documents Access and Management System (ADAMS) Accession No. ML12285A087), you submitted an affidavit dated June 1, 2012 (ADAMS Accession No. ML12285A088), executed by Ernest Hauser, Director of Sales of Caldon Ultrasonics Technology Center, requesting that the information contained in the following document be withheld from public disclosure pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR), Part 2, Section 2.390:

Caldon® Ultrasonics Engineering Report ER-968 Rev. 1 "Analysis of the Trends and Uncertainties of the LEFM Indications at Byron 1."

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

Public disclosure of this proprietary 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.

The development of the technology described in part by the information is the result of applying the results of many years of experience in an intensive Cameron effort and the expenditure of a considerable sum of money.

In order for competitors of Cameron to duplicate this information, similar products would have to be developed, similar technical programs would have to be performed, and a significant manpower effort, having the requisite talent and experience, would have to be expended for developing analytical methods and receiving NRC approval for those methods.

M. Pacilio

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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.

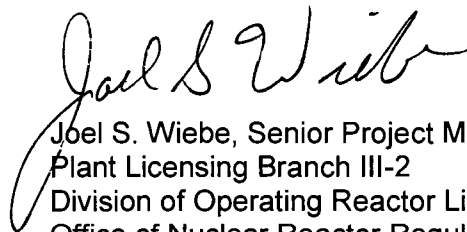
Therefore, the Caldon® Ultrasonics Engineering Report ER-968 Rev. 1 "Analysis of the Trends and Uncertainties of the LEFM Indications at Byron 1," marked as proprietary, will be withheld from public disclosure pursuant to 10 CFR 2.390(b)(5) and Section 103(b) of the Atomic Energy Act of 1954, as amended.

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 Nuclear Regulatory Commission (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 301-415-6606.

Sincerely,

  
Joel S. Wiebe, Senior Project Manager  
Plant Licensing Branch III-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. STN 50-456, STN 50-457,  
STN 50-454 and STN 50-455

cc: Ernest Hauser, Director of Sales  
Caldon® Ultrasonics Technology Center  
1000 McClaren Woods Drive  
Coraopolis, PA 15108

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M. Pacilio

- 2 -

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Sincerely,

/ RA /

Joel S. Wiebe, Senior Project Manager  
Plant Licensing Branch III-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. STN 50-456, STN 50-457,  
STN 50-454 and STN 50-455

cc: Ernest Hauser, Director of Sales  
Caldon® Ultrasonics Technology Center  
1000 McClaren Woods Drive  
Coraopolis, PA 15108

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