



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

November 3, 2011

Mr. Michael J. Pacilio  
President and Chief Nuclear Officer  
Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: BRAIDWOOD STATION, UNITS 1 AND 2, AND BYRON  
STATION UNIT NOS. 1 AND 2 - REQUEST FOR WITHHOLDING  
INFORMATION FROM PUBLIC DISCLOSURE RE: AFFIDAVIT  
CAW-11-03 (TAC NO. ME6587, ME6588, ME6589, AND  
ME6590)

Dear Mr. Pacilio:

By letter dated June 23, 2011 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML111790030), Exelon Generation Company, LLC submitted an affidavit dated May 9, 2011 (ADAMS Accession No. ML111790043), executed by Mr. Cal Hastings, General Manager, Cameron International Corporation, and requested that 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-800, Revision 1, "Bounding Uncertainty Analysis for Thermal Power Determination at Byron Unit 1 Nuclear Generating Station Using the LEFM CheckPlus System"
- Caldon® Ultrasonics Engineering Report ER-801, Revision 1, "Bounding Uncertainty Analysis for Thermal Power Determination at Byron Unit 2 Nuclear Generating Station Using the LEFM CheckPlus System"
- Caldon® Ultrasonics Engineering Report ER-802, Revision I, "Bounding Uncertainty Analysis for Thermal Power Determination at Braidwood Unit 1 Nuclear Generating Station Using the LEFM CheckPlus System"
- Caldon® Ultrasonics Engineering Report ER-803, Revision 1, "Bounding Uncertainty Analysis for Thermal Power Determination at Braidwood Unit 2 Nuclear Generating Station Using the LEFM CheckPlus System"
- Caldon® Ultrasonics Engineering Report ER-829, Revision I, "Meter Factor Calculation and Accuracy Assessment for Bryon Unit 1"
- Caldon® Ultrasonics Engineering Report ER-832, Revision 1, "Meter Factor Calculation and Accuracy Assessment for Bryon Unit 2"
- Caldon® Ultrasonics Engineering Report ER-843, Revision 0, "Meter Factor Calculation and Accuracy Assessment for Braidwood Unit I"
- Caldon® Ultrasonics Engineering Report ER-844, Revision 0, "Meter Factor Calculation and Accuracy Assessment for Braidwood Unit 2"

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

- 4(ii)(a) The information reveals the distinguishing aspects of a process (or component, structure, tool, method, etc.) when prevention of its use by any of Cameron's competitors without license from Cameron constitutes a competitive economic advantage over other companies.
- 4(ii)(b) It consists of supporting data, including test data, relative to a process (or component, structure, tool, method, etc.), the application of which data secures a competitive economic advantage, e.g., by optimization or improved marketability.
- 4(ii)(c) Its use by a competitor would reduce the expenditure of resources or improve the competitive position in the design, manufacture, shipment, installation, and assurance of quality, or licensing a similar product.
- 4(ii)(d) It reveals cost or price information, production capacities, budget levels, or commercial strategies of Cameron, its customer or suppliers.
- 4(ii)(e) It reveals aspects of past, present or future Cameron or customer funded development plans and programs of potential customer value to Cameron.
- 4(ii)(f) It contains patentable ideas, for which patent protection may be desirable.

We have reviewed your submittal and the material in accordance with requirements of 10 CFR, 2.390, and on the basis of your statements, have determined that the submitted information sought to be withheld contains proprietary commercial information and should be withheld from public disclosure.

Therefore, the version of the submitted information marked 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.

M. Pacilio

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Please contact me at 301-415-1115, if you have any questions regarding this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Nicholas DiFrancesco". The signature is fluid and cursive, with a long horizontal stroke at the end.

Nicholas DiFrancesco, 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:

Mr. Cal Hastings  
General Manager  
Cameron International Corporation  
1000 McClaren Woods Drive  
Coraoplois, PA 15108

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M. Pacilio

-3-

Please contact me at 301-415-1115, if you have any questions regarding this matter.

Sincerely,

*/RA/*

Nicholas DiFrancesco, 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:

Mr. Cal Hastings  
General Manager  
Cameron International Corporation  
1000 McClaren Woods Drive  
Coraoplois, PA 15108

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ADAMS Accession Number: ML112930549 NRR-084

OFFICE	LPL3-2/PM	LPL3-2/LA	LPL3-2/BC	LPL3-2/PM
NAME	NDiFrancesco	SRohrer	JZimmerman	NDiFrancesco
DATE	11/ 01/11	11/01/11	11/02/11	11/03/11

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