



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

December 5, 2012

Mr. Michael J. Annacone, Vice President  
Brunswick Steam Electric Plant  
Carolina Power & Light Company  
Post Office Box 10429  
Southport, North Carolina 28461

SUBJECT: BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2 - REQUEST  
FOR WITHHOLDING INFORMATION FROM PUBLIC DISCLOSURE  
(TAC NOS. ME8135 AND ME8136)

Dear Mr. Annacone:

By letter dated March 6, 2012, you submitted affidavits dated February 20, 2012, executed by Alan B. Meginnis, Manager of Product Licensing for AREVA NP, Inc., 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:

AREVA Document No. 51-9175814-000, "Brunswick Unit 1 Cycle 19 SLMCPR Analysis With SAFLIM3D Methodology (Proprietary Version)," dated February 2012

AREVA Document No. 51-9176407-000, "Brunswick Unit 1 Cycle 19 SLMCPR Analysis With SAFLIM3D Methodology - Operability Assessment (Proprietary Version)," dated February 2012

AREVA Document No. 51-9175787-000, "Brunswick Unit 2 Cycle 20 SLMCPR Analysis With SAFLIM3D Methodology (Proprietary Version)," dated February 2012

AREVA Document No. 51-9176342-000, "Brunswick Unit 2 Cycle 20 SLMCPR Analysis With SAFLIM3D Methodology - Operability Assessment (Proprietary Version)," dated February 2012

AREVA Document ANP-3086(P), Revision 0, "Brunswick Unit 1 and Unit 2 SLMCPR Operability Assessment Critical Power Correlation for ATRIUM 10XM Fuel - Improved K-factor Model," dated February 2012

Nonproprietary copies of these documents have been placed in the U.S. Nuclear Regulatory Commission (NRC) Public Document Room and added to the Agencywide Documents Access and Management System Public Electronic Reading Room.

The affidavits stated that the submitted information should be considered exempt from mandatory public disclosure for the reasons specified in the following paragraphs:

- 6(b) Use of information by a competitor would permit the competitor to significantly reduce its expenditures, in time or resources, to design, produce or market a similar product or service.
- 6(d) The information reveals certain distinguishing aspects of a process, methodology, or component, the exclusive use of which provides a competitive advantage for AREVA NP in product optimization or marketability.
- 6(e) The information is vital to a competitive advantage held by AREVA NP, would be helpful to competitors to AREVA NP, and would likely cause substantial harm to the competitive position of AREVA NP.

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 version of the submitted information 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 document. 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. Annacone

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If you have any questions regarding this matter, I may be reached at 301-415-1447.

Sincerely,

*Araceli T. Billore* for

Farideh E. Saba, Senior Project Manager  
Plant Licensing Branch II-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-325 and 50-324

cc: Alan B. Meginnis, Manager  
Product Licensing  
AREVA NP Inc.  
2101 Horn Rapids Road  
Richland, WA 99354

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M. Annacone

- 3 -

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Sincerely,

***/RA by Araceli Billoch Colón for/***

Farideh E. Saba, Senior Project Manager  
Plant Licensing Branch II-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-325 and 50-324

cc: Alan B. Meginnis, Manager  
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