

CENG

a joint venture of



Constellation
Energy



CALVERT CLIFFS NUCLEAR POWER PLANT

April 22, 2010

U. S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant
Unit Nos. 1 & 2; Docket Nos. 50-317 & 50-318
Response to Request for Additional Information – Transition from Westinghouse
Nuclear Fuel to AREVA Nuclear Fuel

REFERENCES:

- (a) Letter from Mr. J. A. Spina (CCNPP) to Document Control Desk (NRC), dated November 23, 2009, License Amendment Request - Transition from Westinghouse Nuclear Fuel to AREVA Nuclear Fuel
- (b) Letter from Mr. G. H. Gellrich (CCNPP) to Document Control Desk (NRC), dated January 26, 2010, Supplement to License Amendment Request - Transition from Westinghouse Nuclear Fuel to AREVA Nuclear Fuel
- (c) Letter from Mr. D. V. Pickett (NRC) to Mr. G. H. Gellrich (CCNPP), dated March 22, 2010, Request for Additional Information re: Transition from Westinghouse to AREVA Advanced CE-14 HTP Fuel (TAC Nos. ME2831 and ME2832)

References (a) and (b) submitted a license amendment request that would modify the licensing basis and the Technical Specifications to allow the use of AREVA Advanced CE-14 High Thermal Performance fuel in the Calvert Cliffs reactors. The Nuclear Regulatory Commission (NRC) staff has reviewed the information provided and has determined that additional information is needed to complete their review (Reference c).

Attachment (1) provides the requested information. The attachment contains information that is proprietary to AREVA, therefore, it is accompanied by an affidavit signed by the owner of the information [Attachment (2)]. The affidavit sets forth the basis on which the information may be withheld from public disclosure by the Commission, and addresses, with specificity, the considerations

ADD
LRR

April 22, 2010

Page 2

listed in 10 CFR 2.390(a)(4). Accordingly, it is requested that the information that is proprietary to AREVA be withheld from public disclosure. The non-proprietary version of the response is attached [Attachment (3)] for public disclosure. The information in the attachment does not impact the No Significant Hazards Determination discussed in Reference (a).

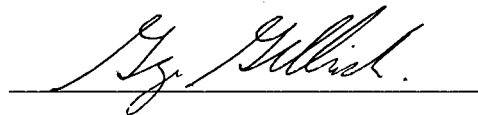
Should you have questions regarding this matter, please contact Mr. Douglas E. Lauver at (410) 495-5219.

Very truly yours,



STATE OF MARYLAND :
: TO WIT:
COUNTY OF CALVERT :

I, George H. Gellrich, being duly sworn, state that I am Vice-President - Calvert Cliffs Nuclear Power Plant, LLC (CCNPP), and that I am duly authorized to execute and file this License Amendment Request on behalf of CCNPP. To the best of my knowledge and belief, the statements contained in this document are true and correct. To the extent that these statements are not based on my personal knowledge, they are based upon information provided by other CCNPP employees and/or consultants. Such information has been reviewed in accordance with company practice and I believe it to be reliable.

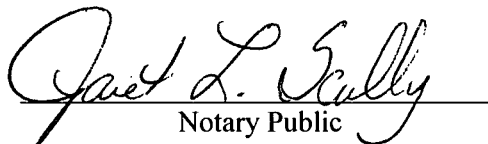


Subscribed and sworn before me, a Notary Public in and for the State of Maryland and County of St. Mary's, this 22nd day of April, 2010.

WITNESS my Hand and Notarial Seal:

My Commission Expires:

GHG/PSF/bjd


Notary Public

March 1, 2011
Date

Attachments: (1) ANP-2915(P), Revision 1, Request for Additional Information – Calvert Cliffs
Unit 2 Cycle 19 Fuel Rod Thermal Mechanical Inputs
(2) Affidavit for ANP-2915(P)
(3) ANP-2915(NP), Revision 1, Request for Additional Information – Calvert Cliffs
Unit 2 Cycle 19 Fuel Rod Thermal Mechanical Inputs

cc: **(Without Attachment 1)**

D. V. Pickett, NRC

S. J. Collins, NRC

Resident Inspector, NRC

S. Gray, DNR

ATTACHMENT (2)

AFFIDAVIT FOR ANP-2915(P)

AFFIDAVIT

COMMONWEALTH OF VIRGINIA)
) ss.
CITY OF LYNCHBURG)

1. My name is Gayle F. Elliott. I am Manager, Product Licensing, for AREVA NP Inc. and as such I am authorized to execute this Affidavit.

2. I am familiar with the criteria applied by AREVA NP to determine whether certain AREVA NP information is proprietary. I am familiar with the policies established by AREVA NP to ensure the proper application of these criteria.

3. I am familiar with the AREVA NP information contained in the report ANP-2915(P), Revision 1, entitled "Request for Additional Information – Calvert Cliffs Unit 2 Cycle 19 Fuel Rod Thermal Mechanical Inputs," dated April 2010 and referred to herein as "Document." Information contained in this Document has been classified by AREVA NP as proprietary in accordance with the policies established by AREVA NP for the control and protection of proprietary and confidential information.

4. This Document contains information of a proprietary and confidential nature and is of the type customarily held in confidence by AREVA NP and not made available to the public. Based on my experience, I am aware that other companies regard information of the kind contained in this Document as proprietary and confidential.

5. This Document has been made available to the U.S. Nuclear Regulatory Commission in confidence with the request that the information contained in this Document be withheld from public disclosure. The request for withholding of proprietary information is made in accordance with 10 CFR 2.390. The information for which withholding from disclosure is

requested qualifies under 10 CFR 2.390(a)(4) "Trade secret and commercial or financial information."

6. The following criteria are customarily applied by AREVA NP to determine whether information should be classified as proprietary:

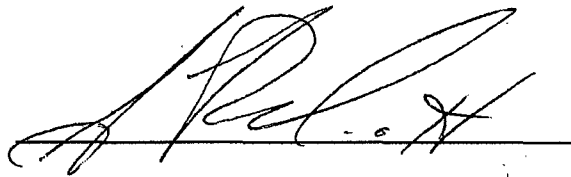
- (a) The information reveals details of AREVA NP's research and development plans and programs or their results.
- (b) Use of the information by a competitor would permit the competitor to significantly reduce its expenditures, in time or resources, to design, produce, or market a similar product or service.
- (c) The information includes test data or analytical techniques concerning a process, methodology, or component, the application of which results in a competitive advantage for AREVA NP.
- (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.
- (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.

The information in the Document is considered proprietary for the reasons set forth in paragraphs 6(b) and 6(c) above.

7. In accordance with AREVA NP's policies governing the protection and control of information, proprietary information contained in this Document have been made available, on a limited basis, to others outside AREVA NP only as required and under suitable agreement providing for nondisclosure and limited use of the information.

8. AREVA NP policy requires that proprietary information be kept in a secured file or area and distributed on a need-to-know basis.

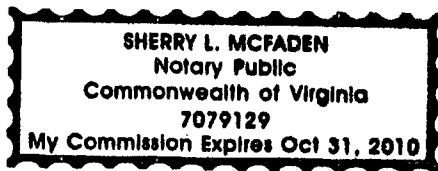
9. The foregoing statements are true and correct to the best of my knowledge,
information, and belief.

A handwritten signature in black ink, appearing to be "R. L. H.", written over a horizontal line.

SUBSCRIBED before me this 13th
day of April 2010.

A handwritten signature in black ink, appearing to be "Sherry L. McFaden", written over a horizontal line.

Sherry L. McFaden
NOTARY PUBLIC, COMMONWEALTH OF VIRGINIA
MY COMMISSION EXPIRES: 10/31/10
Reg. # 7079129



ATTACHMENT (3)

**ANP-2915(NP), REVISION 1, REQUEST FOR ADDITIONAL
INFORMATION – CALVERT CLIFFS UNIT 2 CYCLE 19 FUEL ROD
THERMAL MECHANICAL INPUTS**
