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**The CD provided in Enclosure 1 to this Letter Contains  
Proprietary Information Submitted under 10 CFR 2.390.  
Withhold from public disclosure.**

10 CFR 2.390  
10 CFR 50.4  
10 CFR 52.79

November 12, 2010

UN#10-286

Mary Ann Parkhurst  
Pacific Northwest National Lab (PNNL)  
Mailstop K3-55  
790 6<sup>th</sup> Street  
Richland WA 99354

Subject: UniStar Nuclear Energy, NRC Docket No. 52-016  
Calvert Cliffs Nuclear Power Plant Unit 3, Calvert County, Maryland  
Submittal of Revised MACCS2 Input/Output Files

As requested by the NRC Division of Site and Environmental Reviews, Office of New Reactors, enclosed is a compact disc (CD) with the MACCS2 input and output files (Enclosure 1). Enclosure 1 contains Proprietary Information that UniStar Nuclear Energy is requesting the NRC withhold from public disclosure in accordance with the requirements of 10 CFR 2.390. An affidavit (Enclosure 2) is included with this letter requesting the withholding of this proprietary information pursuant to 10 CFR 2.390.

This letter contains no new regulatory commitments.

If you have any questions concerning the attached document, please contact me at (410) 470-4205, or Mr. Dimitri Lutchenkov at (410) 470-5524.

*I declare under penalty of perjury that the foregoing is true and correct.*

Executed on November 12, 2010

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

Greg Gibson

*CD only sent to  
PM as courtesy copy.*

- Enclosures:
- 1) Calvert Cliffs Nuclear Power Plant, Unit 3 Revised MACCS2 Input and Output Files, (Proprietary Compact Disc)
  - 2) Calvert Cliffs Nuclear Power Plant, Unit 3 Affidavit for Withholding of Proprietary Information in Accordance with 10 CFR 2.390

cc: Laura Quinn, U.S. NRC (w/o enclosures)

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**Enclosure 1**  
**Calvert Cliffs Nuclear Power Plant, Unit 3**  
**Revised MACCS2 Input and Output Files**  
**(Proprietary Compact Disc)**

UN#10-286

**Enclosure 2**  
**Calvert Cliffs Nuclear Power Plant, Unit 3**  
**Affidavit for Withholding of Proprietary Information in Accordance with 10 CFR 2.390**

AFFIDAVIT

STATE OF VIRGINIA        )  
                                  ) ss.  
COUNTY OF CAMPBELL    )

1. My name is Sandra M. Sloan. I am Manager, Regulatory Affairs for New Plants, 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 enclosed CDs, "MAACS2 Computer files" 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 secrets 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 has 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.

Sandra M. Sloan

SUBSCRIBED before me this 12<sup>th</sup>  
day of November, 2010.

Kathleen A. Bennett

Kathleen A. Bennett  
NOTARY PUBLIC, STATE OF VIRGINIA  
MY COMMISSION EXPIRES: 8/31/2011

