



Fort Calhoun Station  
9610 Power Lane  
Blair, NE 68008

December 8, 2010  
LIC-10-0103

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Mail Station P1-137  
Washington, DC 20555-0001

- References:
1. Docket No. 50-285
  2. Email from NRC (Lynnea Wilkins) to OPPD (Bill Hansher), "Request of Fort Calhoun EPU Data for NRR Confirmatory Analyses," dated January 29, 2009
  3. Letter from OPPD (R. P. Clemens) to NRC (Document Control Desk), "Fort Calhoun Station (FCS), Unit No. 1 Extended Power Uprate (EPU) Data for Nuclear Reactor Regulation (NRR) Confirmatory Analyses," dated March 31, 2009, (LIC-09-0025) (ML090930053)

**SUBJECT: Updated Loss-of-Coolant Accident (LOCA) Inputs for Fort Calhoun Station (FCS), Unit No. 1, Extended Power Uprate (EPU)**

In accordance with our commitment of Reference 3, the LOCA model inputs updated for EPU conditions are attached. The data, which is proprietary to AREVA NP, Inc., is provided to allow the NRC to perform confirmatory analyses for the FCS EPU project.

An affidavit is also attached demonstrating that the data is proprietary to AREVA NP, Inc. If you should have any questions regarding this submittal or require additional information, please contact Mr. Bill R. Hansher at (402) 533-6894.

Sincerely,

H. J. Faulhaber  
Division Manager-Nuclear Engineering

HJF/MLE/mle

- Attachments:
1. CDROM - RLOCA RELAPS Input File (Microsoft Word) (Proprietary)
  2. Affidavit for AREVA NP, Inc., Proprietary Information

- c:
- E. E. Collins, NRC Regional Administrator, Region IV (w/o Attachments)
  - L. E. Wilkins, NRC Project Manager (w/o Attachments)
  - J. C. Kirkland, NRC Senior Resident Inspector (w/o Attachments)

ADD  
NRR

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Attachment 2

**Affidavit for AREVA NP, Inc.,  
Proprietary Information**



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 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.

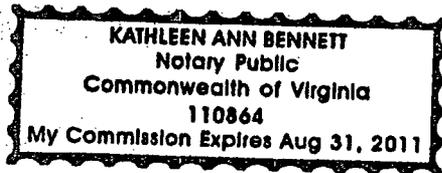
9. The foregoing statements are true and correct to the best of my knowledge, information, and belief.

A large, stylized handwritten signature in black ink, written over a horizontal line.

SUBSCRIBED before me this 17<sup>th</sup>  
day of November, 2010.

A handwritten signature in black ink, written over a horizontal line.

Kathleen Ann Bennett  
NOTARY PUBLIC, COMMONWEALTH OF VIRGINIA  
MY COMMISSION EXPIRES: 8/31/11  
Reg. # 110864



LIC-10-0103  
Attachment 1

**RLOCA RELAPS Input File  
(Opens With Microsoft Word)  
(Proprietary)**