

SIEMENS

November 7, 2000
NRC:00:045

Document Control Desk
ATTN: Chief, Planning, Program and Management Support Branch
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Request for Review of EMF-2361(P) Revision 0, *EXEM BWR-2000 ECCS Evaluation Model*

Fifteen proprietary and 12 nonproprietary copies of topical report EMF-2361(P) Revision 0, *EXEM BWR-2000 ECCS Evaluation Model* are being submitted to the NRC for review and acceptance for referencing in licensing actions. (NOTE: Three proprietary copies and one nonproprietary copy have been sent directly to Mr. N. Kalyanam.)

The topical report describes revisions made to upgrade the current Siemens Power Corporation (SPC) EXEM/BWR Emergency Core Cooling System (ECCS) Evaluation Model. The upgraded model, which is called EXEM BWR-2000, continues to meet the requirements of Appendix K.

The Nuclear Regulatory Commission's Core Performance Inspection at SPC in 1997 (Inspection Report 99900081/97-01) included an assessment of the EXEM/BWR LOCA methodology. The assessment concluded that SPC should perform code verification and validation (V&V) and should improve its documentation of the current methodology. The EXEM BWR-2000 Evaluation Model incorporates those V&V and documentation efforts.

It is requested that the NRC approve this report by September 30, 2001, to support plant analyses performed by SPC for its BWR customers.

Siemens Power Corporation considers some of the information contained in the enclosure to this letter to be proprietary. As required by 10 CFR 2.790(b), an affidavit is enclosed to support the withholding of this information from public disclosure.

Very truly yours,



James F. Mallay, Director
Regulatory Affairs

Enclosures

cc: R. Caruso
N. Kalyanam (w/Enclosures)
J. S. Wermiel
Project No. 702 (w/Enclosures)

D056
1/15 Prop
12 Non-Prop

Siemens Power Corporation

2101 Horn Rapids Road
Richland, WA 99352

Tel: (509) 375-8100
Fax: (509) 375-8402

A F F I D A V I T

STATE OF WASHINGTON)
) ss.
COUNTY OF BENTON)

1. My name is H. Donald Curet. I am Manager, Product Licensing, for Siemens Power Corporation ("SPC"), and as such I am authorized to execute this Affidavit.

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

3. I am familiar with the SPC information included in the enclosure [EMF-2361(P) Revision 0] transmitted by letter NRC:00:045 which is referred to herein as "Document." Information contained in this Document has been classified by SPC as proprietary in accordance with the policies established by SPC 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 SPC 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 the Document be withheld from public disclosure.

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

- (a) The information reveals details of SPC'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 SPC.
- (d) The information reveals certain distinguishing aspects of a process, methodology, or component, the exclusive use of which provides a competitive advantage for SPC in product optimization or marketability.
- (e) The information is vital to a competitive advantage held by SPC, would be helpful to competitors to SPC, and would likely cause substantial harm to the competitive position of SPC.

7. In accordance with SPC'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 SPC only as required and under suitable agreement providing for nondisclosure and limited use of the information.

8. SPC 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.

Donald Cant

SUBSCRIBED before me this 20th
day of October, 2000.

Amy R. Nixon

Amy R. Nixon
NOTARY PUBLIC, STATE OF WASHINGTON
MY COMMISSION EXPIRES: 12/06/03

