SIEMENS

January 10, 2000 NRC:00:002

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-2328(P) Revision 0, "PWR Small Break LOCA Evaluation Model, S-RELAP5 Based"

Fifteen proprietary and 12 nonproprietary copies of topical report EMF-2328(P) Revision 0, "PWR Small Break LOCA Evaluation Model, S-RELAP5 Based," 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 a revised SPC Pressurized Water Reactor SBLOCA methodology that incorporates S-RELAP5 as the systems analysis code in place of ANF-RELAP.

The objective in using S-RELAP5 is to apply a single, advanced version of an industry recognized code for all analyses, including LOCA and non-LOCA events. Using a single code that has had extensive review permits the development of one base input deck for the analysis of all events for a particular application. The benefits of using a single code include ease of use by engineers, reduced maintenance requirements, improved quality of both code and applications, and reduction of resources for the NRC review of associated methodology.

It is requested that the NRC approve this report by September 30, 2000, to support plant analyses performed by SPC for its PWR 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.

Change NRC POR 1 INP

Not from from

Very truly yours,

James F. Mallay, Director

Regulatory Affairs

Enclosures

CC:

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AFFIDAVIT

STATE OF WASHINGTON)	
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COUNTY OF BENTON)	

- My name is Jerald S. Holm. 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 EMF-2328(P) Revision O, "PWR Small Break LOCA Evaluation Model, S-RELAP5 Based," which is referred to herein as "Document" and is transmitted by letter NRC:00:002. 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.

Jerold Stolm

SUBSCRIBED before me this 10th

day of January, 2000

Sue M. Galpin

NOTARY PUBLIC, STATE OF WASHINGTON

MY COMMISSION EXPIRES: 02/27/00