

SIEMENS

January 30, 1998

NRC:98:006

Document Control Desk

ATTN: Chief, Planning, Program and Management Support Branch

U.S. Nuclear Regulatory Commission

Washington, D.C. 20555-0001

Clarification of SRP Chapter 15 Analyses Performed with COTRANSA2 and XCOBRA-T and SLO Pump Seizure CHF Limits Checking

Ref.: 1. Letter, H. D. Cûret (SPC) to NRC Document Control Desk, "Clarification of SRP Chapter 15 Analyses Performed with COTRANSA2 and XCOBRA-T and SLO Pump Seizure CHF Limits Checking," HDC:97:132, November 21, 1997.

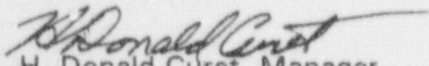
As discussed in Attachment 1 of the Reference letter, Siemens Power Corporation (SPC) requested the NRC to concur with applications of the computer codes XCOBRA-T and COTRANSA2 to specific BWR licensing transients. One of these transients, SRP 15.3.3 Reactor Coolant Pump Seizure, is of particular interest. The methodology used by SPC to analyze this transient, as well as the other licensing transients, does not check for boiling transition in the lower three feet of the core, as discussed in Attachment 2 of the Reference letter.

Since the results of transient analyses, especially the SRP 15.3.3 transient, are influenced by the process described in Attachment 2, which was provided only as information to the NRC, it has become apparent that it should have been pointed out that concurrence of SPC's methodology to perform BWR licensing transient analyses could also be considered tacit concurrence of the process described in Attachment 2. Realizing that such tacit concurrence could be subject to interpretation and possible future disagreement, SPC by this letter is requesting that the NRC concur with the process in Attachment 2 of the Reference letter.

SPC requests the NRC's response regarding Attachment 1 and, now, Attachment 2 of the Reference letter within 90 days of receipt of this letter.

If you have any questions or if I can be of further assistance, please call me at (509) 375-8563.

Very truly yours,


H. Donald Cûret, Manager
Product Licensing

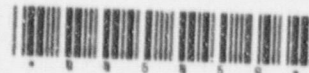
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cc: Mr. T. E. Collins (USNRC)
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