



GE Energy

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MFN 06-011

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U.S. Nuclear Regulatory Commission  
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Washington, D.C. 20555-0001

**Subject: Submittal of Licensing Topical Report, NEDE-33083P, Supplement 2, "TRACG Application for ESBWR Anticipated Transient Without Scram Analyses," January 2006**

The subject Licensing Topical Report (LTR) is hereby submitted for NRC review and approval (Enclosure 1). This report discusses the application of TRACG, the GE proprietary version of the Transient Reactor Analysis Code, to analyses of Anticipated Transient Without Scram (ATWS) for the ESBWR. Realistic calculations with TRACG can be used to support licensing evaluations for these transient events. The information presented in this report is an extension of the information submitted for TRACG Application to ESBWR Stability, Anticipated Operational Occurrences (AOOs), LOCA ECCS and Containment analysis.

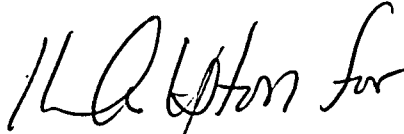
Enclosure 1 contains GE proprietary information as defined by 10 CFR 2.390. GE customarily maintains this information in confidence and withholds it from public disclosure.

The affidavit contained in Enclosure 3 (and also incorporated in the LTR) identifies that the information contained in Enclosure 1 has been handled and classified as proprietary to GE. GE hereby requests that the information of Enclosure 1 be withheld from public disclosure in accordance with the provisions of 10 CFR 2.390 and 9.17. A non proprietary version of the LTR is provided in Enclosure 2 (NEDO-33083, Supplement 2).

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If you have any questions about the information provided here, please let me know.

Sincerely,



David H. Hinds  
Manager, ESBWR

Enclosures:

1. MFN 06-011 – NEDE-33083P, Supplement 2, “TRACG Application for ESBWR Anticipated Transient Without Scram Analyses,” January 2006 – GE Proprietary Information
2. MFN 06-011 – NEDC-33083, Supplement 2, “TRACG Application for ESBWR Anticipated Transient Without Scram Analyses,” December 2005 – Non Proprietary Version
3. Affidavit – George B. Stramback – dated January 12, 2006

cc: WD Beckner USNRC (w/o enclosures)  
LA Dudes USNRC (w/o enclosures)  
AE Cabbage USNRC (with enclosures)  
GB Stramback GE San Jose (with enclosures)  
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