



GE Energy

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U.S. Nuclear Regulatory Commission
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**Subject: Notification of an Incorrect Input Used in the ESBWR TRACG
ATWS Analysis**

GE recently identified an incorrect input that was used in the ESBWR Anticipated Transient Without Scram (ATWS) analysis that could potentially affect the safety analysis results in ESBWR Design Certification Document (DCD) Chapter 15.4 and the associated ESBWR Licensing Topical Reports (LTRs). Specifically, this input involves use of an incorrect initiation time for feedwater runback in the TRACG analysis of the proposed ESBWR ATWS licensing basis event. The feedwater runback is initiated too soon.

GE is continuing to evaluate this incorrect input for impact on the ESBWR DCD and associated ESBWR LTRs that have been previously submitted to the NRC for review, in accordance with the GE Corrective Action Request program. The schedule for corrective actions is:

- GE will correct the TRACG function table, and notify the NRC of the affected DCD and LTR TRACG analysis cases, by January 15, 2006.
- The appropriate DCD TRACG analysis cases will be run, and the affected DCD Chapters will be revised to reflect the new analyses, in DCD Revision 3 to be completed and submitted to the NRC by February 22, 2007.

- The appropriate LTR TRACG analysis cases will be run, and the affected LTRs will be revised to reflect the new analyses, in revisions to the LTRs to be completed and submitted to the NRC by April 27, 2007.

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

Sincerely,

A handwritten signature in cursive script, appearing to read "Barry Seidney for".

David H. Hinds
Manager, ESBWR

cc: AE Cubbage USNRC
GB Stramback GE/San Jose
CAR 41470