



GE Energy

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MFN 06-253

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U.S. Nuclear Regulatory Commission
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**Subject: NRC/GE Meeting Regarding ESBWR ATWS Performance,
Computer Programs and Topical Reports – August 10, 2006**

A meeting is scheduled at the GE offices in San Jose, CA on August 10, 2006 with members of the NRC staff for the purpose of discussing ESBWR ATWS performance and computer programs, related proprietary topical reports, and NRC RAIs on the proprietary topical reports as they relate to the underlying details of ATWS performance and computer program modeling. A list of discussion topics and related documents is provided in Enclosure 1.

These discussions will include areas that GE customarily maintains in confidence and withholds from public disclosure, as evidenced by the proprietary designations (P) of the listed topical reports. Therefore, we request that this meeting be closed to members of the public. There will not be any formal presentation material associated with this meeting.

A list of GE participants in the meeting is given below:

Wayne Marquino
Bharat Shiralkar
George Stramback
Others, if required

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If you have any questions about the information provided herein, please contact me.

Sincerely,



David H. Hinds
Manager, ESBWR

Enclosure:

1. MFN 06-253 - NRC/GE Meeting Regarding ESBWR ATWS Performance, Computer Programs and Topical Reports - List of Discussion Topics, August, 10, 2006

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

ENCLOSURE 1

MFN 06-253

**NRC/GE Meeting Regarding ESBWR ATWS Performance,
Computer Programs and Topical Reports**

List of Discussion Topics

August 10, 2006

ESBWR ATWS PERFORMANCE, COMPUTER PROGRAMS, AND TOPICAL REPORTS MEETING

**GE Offices, San Jose, CA
August 10, 2006**

Note: All discussions will be Proprietary

Discussion Topics [All Discussion is of Proprietary topics]

- MSIV Closure ATWS
- Non-Isolation ATWS
- ATWS Stability
- EPGs and EOPs
- Bounding Analysis
- TRACG Nodalization of the Core Bypass
- RAIs Related to ATWS (21.6-4, 21.6-8, 21.6-29, 21.6-33 through 21.6-46, 21.6-51)
- Geometry of the bypass region, special emphasis on core plate
- Boron mixing models and correlations
- CFD Modeling of the ESBWR Core Bypass, including visual inspection of hardware

Documents Included in ESBWR Discussions:

- NEDE-33083P Supplement 1 "TRACG Application for ESBWR Stability Analysis"
- NEDE-33083P Supplement 2 "TRACG Application for ESBWR Anticipated Transient Without Scram Analyses"
- ESBWR Design Control Document, Rev. 1 Tier 2 (PDF Format)
- ESBWR Emergency Procedure Guidelines
- MFN 06-213, GE Response to Staff RAI 21-6.53b

GE Attendees

- Wayne Marquino
- Bharat Shiralkar
- George Stramback
- others, if required