



GE Energy

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MFN 06-362

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

**Subject: NRC/GE ESBWR Nuclear Fuel Meeting and Audit
– October 16-19, 2006**

A meeting and audit is scheduled at the GE offices in Wilmington, NC on October 16 – 19, 2006 with members of the NRC staff for the purpose of discussing and reviewing the ESBWR fuel design, performance, fuel-related events, GE proprietary codes, related RAIs, and GE proprietary Topical Reports, as they may relate to the underlying details of the fuel and codes. The NRC staff provided a proposed meeting agenda and a list of topics they plan to cover and requested that electronic copies of certain GE proprietary fuel codes and proprietary Topical Reports be made available, as identified in the Attachment.

These discussions will include topics and material that GE/GNF 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.

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

| | |
|----------------|--------------------|
| Russ Fawcett | Wayne Marquino |
| Jim Fawks | Brian Moore |
| David Hinds | Russell Stachowski |
| James Harrison | Et al. |

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

Sincerely,



David H. Hinds
Manager, ESBWR

Attachment:

1. MFN 06-362 – ESBWR Nuclear Fuel Meeting, Audit, Topics and Documents, October 16019, 2006

cc: AE Cabbage USNRC (with enclosures)
GB Stramback GE/San Jose (with enclosures)

**ESBWR Nuclear Fuel Meeting, Audit, Topics and Documents
October 16-19, 2006**

Meeting Discussion Topics (10/16-10/19):

- Fuel Design
Steve Shelton and Russ Higgins
- Fuel Performance
Depends on topics, literally this would be Mark Dubecky, Rob Schneider, Hartney Yeager
- GSTRM
Nayem Jahingir and Bob Rand
- Rod Withdrawal Event
Wayne Marquino, Nayem Jahingir and Bob Rand
- Rod Drop Accident
Wayne Marquino
- RAI questions pending responses
All RAI REs – we should ask for specific RAIs of Interest
- TGBLA implementation
Webb Mills and Brian Moore
- DCD Chapter 4 sections 4.2, 4.3, Appendices B and C
Steve Shelton (4.2), Lukas Trosman and Russell Stachowski (4.3), Russ Fawcett and Jim Harrison (4.B),
Dave Keck (4.C)
- Safety Limit Uncertainties
Jim Fawks and Wayne Marquino

Audit (10/16-10/19):

- PANAC11-Software Test Report (Revisions 1-10)
Xavier Mouney
- TGBLA-06- Software Test Report (Revisions 1-5)
Webb Mills
- GSTRM calculations
Bob Rand, Nayem Jahingir

Documents to be Available:

- ESBWR DCD Tier 2, Chapter 4
- NEDE-33236P, GE14 Fuel Assembly Mechanical Design Report
- NEDE-33241P, GE14 Fuel Rod Thermal Mechanical Design Report
- NEDE-33240P, GE14 for ESBWR Fuel Assembly Mechanical Design Report
- NEDE-33239P, GE14 for ESBWR Nuclear Design Report
- NEDE-33237P, GE14 for ESBWR Critical Power Correlation, Uncertainty, and OLMCPR Development
- TGBLA branch cases and void coefficient calculations
- COBRAG comparative analyses and spacer position sensitivity analyses
- GSTRM input files for fuel depletion analyses
- Fuel mechanical design methodology
- Fuel assembly design and control blade design data
- GE code manuals for TGBLA, COBRAG, TRACG, PANAC11, and GSTRM