

July 14, 2010

MEMORANDUM TO: Edwin M. Hackett, Executive Director
Advisory Committee on Reactor Safeguards
and Advisory Committee on Nuclear Waste

FROM: David B. Matthews, Director */RA Frank Akstulewicz for:/*
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: ADVANCED FINAL SAFETY EVALUATION REPORT FOR
GE HITACHI NUCLEAR ENERGY LICENSING TOPICAL REPORT
NEDE-33083, SUPPLEMENT 3, REVISION 1, "TRACG
APPLICATION FOR ESBWR TRANSIENT ANALYSIS"

The U.S. Nuclear Regulatory Commission staff is preparing safety evaluation reports (SERs) for each chapter of the economic simplified boiling-water reactor (ESBWR) design certification application submitted by GE Hitachi Nuclear Energy on August 24, 2005.

The staff has performed a detailed review of Licensing Topical Report (LTR) NEDE-33083P, Supplement 3, Revision 1, "TRACG Application for ESBWR Transient Analysis," and has prepared the SER (available in ADAMS at ML100270024). The SER is being provided to support the upcoming meeting of the Advisory Committee on Reactor Safeguards (ACRS) ESBWR Design-Centered Subcommittee, scheduled to be held on August 16/17, 2010. The ACRS Full Committee meeting will be held at a future date. The SER has not been reviewed for proprietary information. Until the proprietary determination has been completed, the SER should not be released to the public. The staff will request GEH to review the SER in order to make it publicly available prior to the scheduled ACRS meeting. Therefore, the staff requests that it not be released to the public.

Docket No. 52-010

CONTACTS: Bruce Baval, NGE1/NRO
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SUBJECT: ADVANCED FINAL SAFETY EVALUATION REPORT FOR GE HITACHI
 NUCLEAR ENERGY LICENSING TOPICAL REPORT NEDE-33083,
 SUPPLEMENT 3, REVISION 1, "TRACG APPLICATION FOR ESBWR
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