

July 15, 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 – P. Madden 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-33083P, SUPPLEMENT 1, "TRACG APPLICATION FOR
ESBWR STABILITY"

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

The staff has performed a detailed review of Licensing Topical Report (LTR) NEDE-33083P, Supplement 1, "TRACG Application for ESBWR Stability," and has prepared the SER (available in ADAMS at ML093130591). 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 Bovol, NGE1/NRO
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 NUCLEAR ENERGY LICENSING TOPICAL REPORT NEDE-33083P,
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 DATED JULY 15, 2010

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