

May 3, 2011

MEMORANDUM TO: John McKirgan, Chief
Containment and Ventilation Branch 2
Division of Safety Systems and Risk Assessment
Office of New Reactors

FROM: Harry A. Wagage /**RA**/
Containment and Ventilation Branch 2
Division of Safety Systems and Risk Assessment
Office of New Reactors

SUBJECT: MELCOR DESIGN BASIS ACCIDENT CONTAINMENT AUDIT
CALCULATIONS FOR THE ECONOMIC SIMPLIFIED BOILING
WATER REACTOR PLANT (FINAL)

Enclosed are public and non-public versions of a contract deliverable entitled "MELCOR [Design Basis Accident] Containment Audit Calculations for the [Economic Simplified Boiling Water Reactor] Plant (Final)," which was prepared by the Sandia National Laboratories (SNL) as a partial fulfillment of the NRC contract Q4157 Task Order 5 granted to SNL in support of the staff's review of General Electric Hitachi DC application in Docket No. 52-010. This report provides, in part, basis for the Section 6.2 input of the Safety Evaluation Report for the Economic Simplified Boiling Water Reactor Design.

CONTACT: Harry A. Wagage, NRO/DSRA/SBCV
(301) 415-1840

Enclosures: As stated

Docket No.: 052-00010

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