

June 14, 2012

Mr. Jerald G. Head  
Senior Vice President, Regulatory Affairs  
GE Hitachi Nuclear Energy  
3901 Castle Hayne Road MC A-18  
Wilmington, NC 28401

SUBJECT: AUDIT REPORT OF THE STEAM DRYER DESIGN METHODOLOGY  
SUPPORTING CHAPTER 3 OF THE ECONOMIC SIMPLIFIED BOILING-  
WATER REACTOR DESIGN CONTROL DOCUMENT

Dear Mr. Head:

The U.S. Nuclear Regulatory Commission staff is preparing the audit report of the steam dryer design methodology supporting Chapter 3 of the design control document for the Economic Simplified Boiling-Water Reactor design certification application submitted by GE-Hitachi Nuclear Energy Americas LLC (GEH) on August 24, 2005.

The enclosed audit report is being provided to GEH for review of proprietary information. Please reply within a period of 10 working days from the date of this letter with your comments on the proprietary aspects of the audit report.

If you believe that any information in the enclosure is proprietary, please identify such information line by line and define the basis pursuant to the criteria of Title 10 of the *Code of Federal Regulations* 2.390.

Sincerely,

*/RA/*

David Misenhimer, Project Manager  
Licensing Branch 3  
Division of New Reactor Licensing  
Office of New Reactors

Docket No.: 52-010

Enclosure:  
NRC Staff Audit Report of the Steam Dryer  
Design Methodology Supporting Chapter 3  
of the ESBWR DCD

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Letter to Jerald G. Head from David Misenhimer dated June 14, 2012.

SUBJECT:       AUDIT REPORT OF THE ECONOMIC SIMPLIFIED BOILING WATER  
                  REACTOR STEAM DRYER DESIGN METHODOLOGY SUPPORTING  
                  CHAPTER 3 OF THE ECONOMIC SIMPLIFIED BOILING WATER REACTOR  
                  DESIGN CONTROL DOCUMENT

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