

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  
CHAPTER 16 "TECHNICAL SPECIFICATIONS" REGARDING THE  
ECONOMIC SIMPLIFIED BOILING WATER REACTOR (ESBWR)  
DESIGN CERTIFICATION REVIEW

The U.S. Nuclear Regulatory Commission staff is preparing Final Safety Evaluation Reports (FSERs) for each chapter of the ESBWR design certification application submitted by GE-Hitachi Nuclear Energy on August 24, 2005.

The staff has performed a detailed review of Chapter 16, regarding ESBWR technical specifications, and has prepared the FSER (available in ADAMS at ML100550964). The FSER 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 FSER has not been reviewed for proprietary information. Until the proprietary determination has been completed, the FSER should not be released to the public. The staff will request GEH to review the FSER 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. 52-0010

CONTACTS: Leslie Perkins, BWR/NRO  
301-415-6715

Amy Cubbage, BWR/NRO  
301-415-2875

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Amy Cabbage, BWR/NRO  
301-415-2875

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OFFICE	BWR:PM	Tech Editing*	NGE1:LA	BWR:LPM	BC:CTSB	OGC/NLO	OGC/NLO
NAME	LPerkins	CHsu	SGreen	ACabbage	MKowal	BWeisman	JMartin
DATE	6/ 22 /2010	10/09/2009	7/14/2010	6/28/10	7/14/2010	6/14/2010	7/13/2010
OFFICE	BC: BWR	DNRL:D					
NAME	MTonacci	Dmatthews (PMadden for)					
DATE	7/15/2010	7/15/2010					

OFFICIAL RECORD

SUBJECT:     ADVANCED FINAL SAFETY EVALUATION REPORT FOR CHAPTER 16  
              “TECHNICAL SPECIFICATIONS” REGARDING THE ECONOMIC SIMPLIFIED  
              BOILING WATER REACTOR (ESBWR) DESIGN CERTIFICATION REVIEW  
              DATED JULY 15, 2010

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