

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 14 “VERIFICATION PROGRAMS” 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 14, regarding ESBWR verification programs, and has prepared the FSER (available in ADAMS at ML101800015). 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 Cabbage, BWR/NRO
301-415-2875

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OFFICE	BWR:PM	Tech Editing*	NGE1:LA	BWR:LPM	BC:SEB2*	BC:SBPB	BC: SRSB
NAME	LPerkins	KAzariah-Kribbs	SGreen	ACubbage	KHawkins	JSegala (J Dreisbach for)	JDonoghue (G Thomas for)
DATE	6/28/2010	3/26/2010	7/14/2010	7/14/2010	6/15/10	6/10/2010	6/10/2010
OFFICE	BC:EMB2	BC:EEB	BC:ICE2	BC:COLP	BC:CTSB*	BC:CHPB	BC:SBCV*
NAME	JDixon-Herrity	RJenkins (APal for)	IJung	MJunge	MKowal	ERoach	JMcKirgan
DATE	6/09/2010	6/09/10	6/29/2010	6/15/2010	6/29/2010	07/14/10	6/29/2010
OFFICE	BC:CQVB	BC:NSIR	BC:BWR	OGC/NLO	OGC/NLO	DNRL:D	
NAME	RRasmusson (A Keim for)	DHuyck	MTonacci	MCarpentier	BWeisman	Dmatthews (PMadden for)	
DATE	4/13/2010	7/1/2010	7/15/2010	4/13/2010	7/14 /2010	7/15/2010	

*Concurrence via attached email. OFFICIAL RECORD

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