

July 16, 2012

Mr. Jerald G. Head  
Senior Vice President, Regulatory Affairs  
GE-Hitachi Nuclear Energy Americas, LLC  
P.O. Box 780, M/C A-18  
Wilmington, NC 28401-0780

SUBJECT: APPROVAL LETTER OF THE ACCEPTED VERSION OF THE GE-HITACHI  
NUCLEAR ENERGY AMERICAS, LLC TOPICAL REPORT NEDE-33284,  
SUPPLEMENT 1, "MARATHON-ULTRA CONTROL ROD ASSEMBLY"  
(TAC NO. ME3524)

Dear Mr. Head:

By letter dated March 7, 2012 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML120680055), GE-Hitachi Nuclear Energy Americas, LLC (GEH) submitted the accepted ("-A") versions of Topical Report (TR) NEDE-33284 Supplement 1P-A, Revision 1, and NEDO-33284 Supplement 1-A, Revision 1, "Marathon-Ultra Control Rod Assembly," to the U.S. Nuclear Regulatory Commission (NRC) staff. GEH has done so in accordance with the NRC staff's request to publish accepted proprietary and non-proprietary versions of this TR, as detailed in the transmittal letter of the NRC staff's final safety evaluation (ADAMS Accession No. ML120370620) for the original TR.

The NRC staff has completed its review of the accepted versions of this TR. The NRC staff determined that GEH has met the requirements and that the submitted -A versions are acceptable for referencing in licensing applications for nuclear power plants to the extent specified and under the limitations delineated in the accepted versions of the TR.

If future changes to the NRC's regulatory requirements affect the acceptability of this TR, GEH and/or licensees referencing it will be expected to revise the TR appropriately, or justify its continued applicability for subsequent referencing.

If you have any questions, please contact Stephen Philpott at 301-415-2365.

Sincerely,

**/RA/**

Sher Bahadur, Deputy Director  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Project No. 710

Mr. Jerald G. Head  
Senior Vice President, Regulatory Affairs  
GE-Hitachi Nuclear Energy Americas, LLC  
P.O. Box 780, M/C A-18  
Wilmington, NC 28401-0780

SUBJECT: APPROVAL LETTER OF THE ACCEPTED VERSION OF THE GE-HITACHI  
NUCLEAR ENERGY AMERICAS, LLC TOPICAL REPORT NEDE-33284,  
SUPPLEMENT 1, "MARATHON-ULTRA CONTROL ROD ASSEMBLY"  
(TAC NO. ME3524)

Dear Mr. Head:

By letter dated March 7, 2012 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML120680055), GE-Hitachi Nuclear Energy Americas, LLC (GEH) submitted the accepted ("-A") versions of Topical Report (TR) NEDE-33284 Supplement 1P-A, Revision 1, and NEDO-33284 Supplement 1-A, Revision 1, "Marathon-Ultra Control Rod Assembly," to the U.S. Nuclear Regulatory Commission (NRC) staff. GEH has done so in accordance with the NRC staff's request to publish accepted proprietary and non-proprietary versions of this TR, as detailed in the transmittal letter of the NRC staff's final safety evaluation (ADAMS Accession No. ML120370620) for the original TR.

The NRC staff has completed its review of the accepted versions of this TR. The NRC staff determined that GEH has met the requirements and that the submitted -A versions are acceptable for referencing in licensing applications for nuclear power plants to the extent specified and under the limitations delineated in the accepted versions of the TR.

If future changes to the NRC's regulatory requirements affect the acceptability of this TR, GEH and/or licensees referencing it will be expected to revise the TR appropriately, or justify its continued applicability for subsequent referencing.

If you have any questions, please contact Stephen Philpott at 301-415-2365.

Sincerely,

/RA/

Sher Bahadur, Deputy Director  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Project No. 710

**DISTRIBUTION:**

PUBLIC	RidsNrrDpr	RidsNrrDss	SPhilpott
PLPB R/F	RidsNrrDprPlpb	RidsNrrDssSnpb	PClifford
RidsOgcMailCenter			

**ADAMS Accession No.: ML12180A589**

**NRR-106**

OFFICE	PLPB/PM	PLPB/LA	SNPB/BC	PLPB/BC	DPR/DD
NAME	SPhilpott	DBaxley	AMendiola	JJolicoeur	SBahadur
DATE	7/11/2012	7/10/2012	7/12/2012	7/13/2012	7/16/2012

**OFFICIAL RECORD COPY**

GE-Hitachi Nuclear Energy Americas  
cc:

Project No. 710

Mr. James F. Harrison  
GE-Hitachi Nuclear Energy Americas LLC  
Vice President - Fuel Licensing  
P.O. Box 780, M/C A-55  
Wilmington, NC 28401-0780  
[james.harrison@ge.com](mailto:james.harrison@ge.com)

Ms. Patricia L. Campbell  
Vice President, Washington Regulatory Affairs  
GE-Hitachi Nuclear Energy Americas LLC  
1299 Pennsylvania Avenue, NW  
9th Floor  
Washington, DC 20004  
[patriciaL.campbell@ge.com](mailto:patriciaL.campbell@ge.com)

Mr. Andrew A. Lingenfelter  
Vice President, Fuel Engineering  
Global Nuclear Fuel–Americas, LLC  
P.O. Box 780, M/C A-55  
Wilmington, NC 28401-0780  
[Andy.Lingenfelter@gnf.com](mailto:Andy.Lingenfelter@gnf.com)

Edward D. Schrull  
GE-Hitachi Nuclear Energy Americas LLC  
Vice President - Services Licensing  
P.O. Box 780, M/C A-51  
Wilmington, NC 28401-0780  
[Edward.schrull@ge.com](mailto:Edward.schrull@ge.com)