

July 29, 2013

MEMORANDUM TO: Anthony J. Mendiola, Chief
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

FROM: Stephen S. Philpott, Project Manager */RA/*
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

SUBJECT: FORTHCOMING ANNUAL CLOSED MEETING WITH GE-HITACHI
NUCLEAR ENERGY AMERICAS, LLC (GEH) AND GLOBAL NUCLEAR
FUEL - AMERICAS, LLC (GNF)

DATE & TIME: Wednesday, July 31, 2013 Thursday, August 1, 2013
1:00 p.m. - 5:30 p.m. 8:30 a.m. - 1:00 p.m.

LOCATION: GE-Hitachi Nuclear Energy Americas, LLC
1299 Pennsylvania Avenue N.W., Suite 900
Washington, DC 20004

PURPOSE: To discuss proprietary updates regarding GNF fuel products and various
GEH and GNF technologies (details provided in the enclosed agenda).

MEETING CONTACT: Stephen S. Philpott, NRR/DPR
301-415-2365
Stephen.Philpott@nrc.gov

PARTICIPANTS: Participants from the NRC include members of the Office of Nuclear Reactor Regulation (NRR), Office of New Reactors (NRO), Office of Nuclear Material Safety and Safeguards (NMSS), Office of Nuclear Regulatory Research (RES), and the Office of the Advisory Committee on Reactor Safeguards (ACRS).

NRC

Stephen Philpott, NRR
Sheena Whaley, NRR
Chris Jackson, NRR
Paul Clifford, NRR
Mathew Panicker, NRR
Christopher VanWert, NRO
Andrew Proffitt, NRR
Shih-Liang Wu, NRR
Stephen Bajorek, RES
Robert Einziger, NMSS
Zena Abdullahi, ACRS
Tai Huang, NRR
Patrick Raynaud, RES
Joshua Kaizer, NRR
Ashley Guzzetta, NRR
Diana Woodyatt, NRR
Bryan Eyers, NRR
Jack Davis, NRR
Lawrence Kokajko, NRR, et al.

Industry

Brian Moore
James Harrison
Kurshad Muftuoglu
Paul Cantonwine
Juswald Vedovi
Rob Schneider
Jens Andersen
Charles Heck
Birol Aktas
Atul Karve
Scott Nelson
Yang-Pi Lin
Peter Diller, et al.

Project Nos. 710 and 712

Enclosure:
Agenda

cc w/encl: See next page

PARTICIPANTS: Participants from the NRC include members of the Office of Nuclear Reactor Regulation (NRR), Office of New Reactors (NRO), Office of Nuclear Material Safety and Safeguards (NMSS), Office of Nuclear Regulatory Research (RES), and the Office of the Advisory Committee on Reactor Safeguards (ACRS).

<u>NRC</u>	<u>Industry</u>
Stephen Philpott, NRR	Brian Moore
Sheena Whaley, NRR	James Harrison
Chris Jackson, NRR	Kurshad Muftuoglu
Paul Clifford, NRR	Paul Cantonwine
Mathew Panicker, NRR	Juswald Vedovi
Christopher VanWert, NRO	Rob Schneider
Andrew Proffitt, NRR	Jens Andersen
Shih-Liang Wu, NRR	Charles Heck
Stephen Bajorek, RES	Birol Aktas
Robert Einziger, NMSS	Atul Karve
Zena Abdullahi, ACRS	Scott Nelson
Tai Huang, NRR	Yang-Pi Lin
Patrick Raynaud, RES	Peter Diller, et al.
Joshua Kaizer, NRR	
Ashley Guzzetta, NRR	
Diana Woodyatt, NRR	
Bryan Eyers, NRR	
Jack Davis, NRR	
Lawrence Kokajko, NRR, et al.	

Project Nos. 710 and 712

Enclosure:
Agenda

cc w/encl: See next page

<u>DISTRIBUTION:</u>	PUBLIC	CJackson
RidsNrrDpr	RidsNrrDprPlpb	SPhilpott
RidsNrrLADBaxley	RidsOpaMail	RidsNrrAdar
RidsNrrDss	RidsOgcMailCenter	RidsAcrsAcnwMailCenter
RidsResOd	RidsNroOd	Receptionist (OWFN/TWFN/3WFN)
SWhaley		

ADAMS Accession No.: ML13207A081 **NRC-001**

OFFICE	PLPB/PM	PLPB/LA	PLPB/BC
NAME	SPhilpott	DBaxley	(JHolonich for) AMendiola
DATE	07/29/2013	07/29/2013	07/29/2013

AGENDA
U.S. NUCLEAR REGULATORY COMMISSION (NRC) MEETING WITH
GE-HITACHI NUCLEAR ENERGY AMERICAS (GEH)
AND GLOBAL NUCLEAR FUEL - AMERICAS (GNF)
2013 TECHNOLOGY UPDATE
July 31-August 1, 2013

<u>TIME</u>	<u>SUBJECT</u>
	Wednesday, July 31
1:00 p.m.	Welcome and Introductions
1:15 p.m.	NRC Comments
1:30 p.m.	Liquid Film Boiling Transition (LFTB)
2:30 p.m.	Fuel Performance Update
3:00 p.m.	Break
3:15 p.m.	Advanced Programs – Co-60 Rod Inspections
3:45 p.m.	Materials Technology
5:00 p.m.	PRIME – Full Implementation
5:15 p.m.	Control Blade Inspection Update
5:30 p.m.	Adjourn
	Thursday, August 1
8:30 a.m.	ATWS/I Methods Status
9:00 a.m.	SAFER & CORCL EM changes and errors 10 CFR 50.46 Rulemaking-related activities Pellet Fragmentation Potential for BWRs Realistic LOCA EM development
10:00 a.m.	LANCER/AETNA Plans
10:30 a.m.	Break
10:45 a.m.	TRACG Containment Application
11:30 a.m.	Stability - GS3
12:00 p.m.	NRC Submittals Status & Predictions
12:30 p.m.	Closing Statements
1:00 p.m.	Adjourn

ENCLOSURE

GEH AND GNF 2013 TECHNOLOGY UPDATE MEETINGS

ANCILLARY MEETING AGENDA

JULY 31, 2013, AND AUGUST 1, 2013

Topic	Day	Time	GNF/GEH Attendees	NRC Attendees
Topical Report (TR) Process Improvements and Management Discussion	Wednesday, 7/31/13	8:30 a.m. – 10:00 a.m. (NRC HQ)	B. Moore J. Harrison P. Campbell	L. Kokajko J. Davis S. Whaley S. Philpott
NSF Channels – Old Channel Design TRs	Wednesday, 7/31/13	10:00 am – 11:00 a.m. (NRC HQ)	P. Cantonwine B. Moore J.Harrison	S. Wu S. Whaley S. Philpott
LANCER TR Review Restart	Thursday, 8/1/13	1:45 pm – 2:15 pm	B. Moore A. Karve J. Harrison J. Finch	M. Panicker J. Dean S. Whaley S. Philpott
TRACG for ECCS/LOCA RAI Follow-up	Thursday, 8/1/13	1:45 pm - 4:00 pm	K. Muftuoglu	J. Lehning Oak Ridge National Laboratory (ORNL) staff
MELLLA+ ATWSI Update	Thursday, 8/1/13	2:15 pm - 4:00 pm	J. Andersen C. Heck J. Harrison	C. Jackson T. Huang D. Woodyatt A. Guzzetta S. Bajorek J. March-Leuba, ORNL

GE-Hitachi Nuclear Energy Americas
Global Nuclear Fuel - Americas
cc:

Project No. 710
Project No. 712

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
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

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
gerald.head@ge.com

Dr. Brian R. Moore
Vice President, Fuel Engineering (Acting)
Global Nuclear Fuel–Americas, LLC
P.O. Box 780, M/C A-55
Wilmington, NC 28401-0780
Brian.Moore@ge.com