

December 6, 2012

MEMORANDUM TO: Sheldon D. Stuchell, Acting 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 CLOSED MEETING WITH GLOBAL NUCLEAR FUEL-
AMERICAS, LLC (GNF) FOR PRE-SUBMITTAL REVIEW OF TOPICAL
REPORT REGARDING IMPROVED FUEL CHANNEL DESIGN

DATE & TIME: Tuesday, December 11, 2012
1:00 p.m. - 4:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike, Room O-7B06
Rockville, MD 20852

PURPOSE: To review information and supporting data related to a proposed GNF
topical report regarding the "NSF" fuel channel design for boiling water
reactors.

PARTICIPANTS: Participants from the NRC include members of the Office of Nuclear
Reactor Regulation (NRR).

<u>NRC</u>	<u>GNF</u>
Stephen Philpott	James Harrison
Anthony Mendiola	Paul Cantonwine
Mathew Panicker	Kevin Ledford
Shih-Liang Wu	Atul Karve
Andrew Proffitt	Brett Dooies
Paul Clifford, et al.	Russell Stachowski, et al.

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

Project No. 712

Enclosure:
Agenda

cc w/encl: See next page

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OFFICE	PLPB/PM	PLPB/BC (A)
NAME	SPhilpott	SStuchell
DATE	12/6/2012	12/6/2012

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FORTHCOMING CLOSED MEETING WITH GLOBAL NUCLEAR FUEL-AMERICAS, LLC
(GNF) FOR PRE-SUBMITTAL REVIEW OF TOPICAL REPORT REGARDING IMPROVED
FUEL CHANNEL DESIGN

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AProffitt

SPhilpott

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Receptionist (OWFN and TWFN)

Global Nuclear Fuel
cc:

Project No. 712

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

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

AGENDA

MEETING WITH U.S. NUCLEAR REGULATORY COMMISSION (NRC) STAFF

AND GLOBAL NUCLEAR FUEL - AMERICAS, LLC

PRESUBMITTAL REVIEW OF TOPICAL REPORT (TR) FOR NSF FUEL CHANNEL DESIGN

DECEMBER 11, 2012

- Welcome and Introductions
- Channel Distortion History
- Review of TR Table of Contents
- Historical Perspective on Zr-Sn-Nb-Fe Alloys
- Field Experience Summary
- NSF Physical Properties
- Calculating Critical Power Ratio with NSF Channels
- Expanded Lead Use Channel Letter
- Proposed TR Implementation Schedule and Applicability
- NRC Staff Comments
- Summary / Adjourn

ENCLOSURE