

January 21, 2010

MEMORANDUM TO: Michael D. Tschiltz, Deputy Director
Fuel Facility Licensing Directorate
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

THRU: Brian W. Smith, Chief **/RA/**
Uranium Enrichment Branch
Fuel Facility Licensing Directorate
Division of Fuel Cycle Safety
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Office of Nuclear Material Safety
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FROM: Timothy C. Johnson, Project Manager **/RA/**
Uranium Enrichment Branch
Fuel Facility Licensing Directorate
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

SUBJECT: JANUARY 4, 2010, TELEPHONE SUMMARY: GENERAL
ELECTRIC-HITACHI REQUESTS FOR ADDITIONAL
INFORMATION RESPONSES

On January 4, 2010, the U.S. Nuclear Regulatory Commission's staff held a telephone conference call with staff from General Electric-Hitachi (GEH) to discuss proposed responses to Requests for Additional Information in the Fire Safety area applicable to the GEH application for a laser-based uranium enrichment facility.

I am enclosing the telephone summary for your use. No proprietary or classified information is discussed.

CONTACT: Timothy C. Johnson, NMSS/FCSS
(301) 492-3121

Docket No.: 70-7016

Enclosure: GEH Telephone Summary

cc: William Szymanski/DOE
Patricia Campbell/GEH
Robert Brown/GEH
Tammy Orr/GEH
Mike Giles/CFC
Tom Clements/FOTE
David Springer/CFRW
Stephen Rynas/NCDENR
Jennifer Braswell/New Hanover County
Christopher O'Keefe/New Hanover County
Lafayette Atkinson/NCOSH
Albert Kennedy/GEH
Bruce Shell/New Hanover County
Marty Lawing/Brunswick County
George Brown/Pender County
Bill Saffo/Wilmington
Malissa Talbert/Wilmington
Wanda Lagoe/NCOSH
Cameron Weaver/NCDENR
Emily Hughes/USACE
Lee Cox/NCDENR
David Weaver/New Hanover County
Julie Olivier/GEH

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Mike Giles/CFC	Malissa Talbert/Wilmington
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David Springer/CFRW	Cameron Weaver/NCDENR
Stephen Rynas/NCDENR	Emily Hughes/USACE
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Lafayette Atkinson/NCOSH	Julie Olivier/GEH
Albert Kennedy/GEH	

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Telephone Conference Call Summary

General Electric-Hitachi Uranium Enrichment Facility Requests for Additional Information Proposed Fire Safety Responses

DATE AND TIME: January 4, 2010; 11:30 AM

CALL PARTICIPANTS: R. Wescott/NRC T. Johnson/NRC
B. Smith/NRC A. Kennedy/GEH
J. Olivier/GEH

On January 4, 2010, a conference call between U.S. Nuclear Regulatory Commission (NRC) and General Electric-Hitachi (GEH) staffs was held to discuss proposed responses to the Requests for Additional Information (RAIs) in the Fire Safety area applicable to GEH's license application for a laser-based uranium enrichment facility. The RAIs had been transmitted to GEH on November 19, 2009, and December 4, 2009.

DISCUSSION:

GEH staff asked for a clarification on fire safety RAIs that relate to fire barriers. In the RAIs, NRC staff asked why fire barriers are not being listed as items relied on for safety (IROFS). The NRC staff position is that a such listing is required to be consistent with the regulatory requirements in the Title 10 of the *Code of Federal Regulations* 70.64(b)(1), which expresses a preference for engineered IROFS over administrative IROFS. GEH staff indicated that it was having difficulty ensuring that the fire barriers could be obtained to meet the proposed management measures for IROFS.

NRC staff indicated that guidance for fire barrier safety measures in Regulatory Guide 1.189, "Fire Protection for Nuclear Power Plants," can be used. To implement these requirements, NRC staff suggested that management measures consistent with Regulatory Guide 1.189 can be used for fire barriers and can be addressed separately from other IROFS in the GEH Quality Assurance Program Description.

GEH staff indicated that it would consider this approach.

ACTION ITEMS: None