

September 6, 2011

MEMORANDUM TO: Brian W. Smith, Branch Chief
Uranium Enrichment Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

FROM: Timothy C. Johnson, Project Manager **/RA/**
Uranium Enrichment Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

SUBJECT: AUGUST 25, 2011, TELEPHONE SUMMARY: GENERAL
ELECTRIC-HITACHI'S BUILDING DESIGN QUALITY
ASSURANCE ISSUES

On August 25, 2011, the U.S. Nuclear Regulatory Commission's staff held a telephone conference call with staff from General Electric-Hitachi (GEH) to discuss building design quality assurance issues for the GEH laser-based uranium enrichment facility.

I am attaching the telephone summary for your use. No proprietary, security-related, export control, or classified information is discussed.

Docket No. 70-7016

Enclosure:
GEH Telephone Summary

CONTACT: Timothy Johnson, NMSS/FCSS
301-492-3121

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

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DATE	08/30/11	08/31/11	08/31/11	09/6/11

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TELEPHONE CONFERENCE CALL SUMMARY

GENERAL ELECTRIC-HITACHI URANIUM ENRICHMENT FACILITY BUILDING DESIGN QUALITY ASSURANCE ISSUES

DATE AND TIME: August 25, 2011; 2:00 PM

CALL PARTICIPANTS:

T.C. Johnson/NRC	S. Atack/NRC
J. Olivier/GEH	K. Givens/GEH
J. Bryant/GEH	C. Enos/GEH

On August 25, 2011, a conference call between the U.S. Nuclear Regulatory Commission's (NRC's) and General Electric-Hitachi's (GEH's) staff was held to discuss building design quality assurance issues for GEH's proposed laser-based uranium enrichment facility.

DISCUSSION:

On August 12, 2011, GEH provided a response to the NRC's June 22, 2011, letter providing its position on building design issues for the proposed GEH laser-based uranium enrichment facility. As part of the response, GEH provided Revision 6 of the Quality Assurance Program Description (QAPD) and Revision 5 of Chapter 1 of the License Application (LA).

Regarding Section 1.1 in the QAPD, the staff asked if all the sections in Title 10 of the *Code of Federal Regulations* (10 CFR) Part 21 would be applicable. The GEH staff indicated that they did not consider that all of 10 CFR Part 21 applied to 10 CFR Part 70 facilities, but would review the regulation to confirm the applicability. For example, the definition "dedicating entity" refers only to 10 CFR 21.21(c) and not to the rest of 10 CFR Part 21.

The NRC staff asked GEH to provide a description in Section 20 of the QAPD to define the provisions for changes to the QAPD, including what types of changes need to be submitted for NRC's review and approval, which ones do not, and how often updates to the QAPD will be provided to the NRC. GEH's staff indicated that it is using the change process described in Chapter 1 of the LA and would specifically refer to this in Section 20.

The staff also discussed controls for commercial grade dedication of fire protection items relied on for safety (IROFS), as described in Appendix A of the QAPD, and asked GEH to clarify its use of issuance of a Certificate of Occupancy for the dedication of fire suppression IROFS. The GEH staff stated that it would revise the section to state that commercial grade dedication process would be used and not rely solely on the Certificate of Occupancy.

In Section 1.2.5.6 of the LA, NRC's staff asked GEH to clarify if a typographical error was in the definition of "dedication process" where "time" should be written as "item." The GEH staff indicated that it would revise the section.

The NRC staff indicated that the 10 CFR Part 21 applicability issue also would require changes to the definitions in the 10 CFR Part 21 exemption request in Chapter 1 of the LA. The GEH staff stated that they would make the appropriate revisions.

ACTION ITEMS: None

Enclosure