

January 17, 2008

MEMORANDUM TO: Michael Tschiltz, Deputy Director
Fuel Facility Licensing Directorate
Division of Fuel Cycle Safety
and Safeguards

THRU: Brian W. Smith, Chief /RA, by R. Wescott for/
Enrichment and Conversion Branch
Division of Fuel Cycle Safety
and Safeguards

FROM: Timothy C. Johnson, Project Manager /RA/
Enrichment and Conversion Branch
Division of Fuel Cycle Safety
and Safeguards

SUBJECT: JANUARY 9, 2008, TELEPHONE SUMMARY: GENERAL
ELECTRIC HITACHI ENVIRONMENTAL REPORT AND
EMERGENCY PLAN ISSUES

On January 9, 2008, the U.S. Nuclear Regulatory Commission (NRC) staff held a telephone conference call with staff from General Electric Hitachi (GEH) to discuss questions related to the preparation of GEH's Environmental Report and Emergency Plan that would be parts of a license application for a laser-based uranium enrichment facility. I am attaching the telephone summary for your use. No proprietary or classified information was discussed.

Docket No.: 70-7016

Enclosures: General Electric Hitachi
Telephone Summary

cc: A. Kennedy/GEH
J. Olivier/GEH

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 Division of Fuel Cycle Safety
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DATE	01/10/08	01/11/08	01/16/08	01/17/08

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Telephone Conference Call Summary

General Electric Hitachi Environmental Report and Emergency Plan Issues

Date and Time: January 9, 2008; 10:00 AM

Call Participants:

J. Moore/NRC	M. Norris/NRC	T. Johnson/NRC
J. Olivier/GEH	M. Venters/GEH	A. Stahl/RTI
J. Alexander/RTI	T. Marimpietri	S. Wolf/RTI
P. Andrews/RTI	JEBrandmeyer/RTI	

On January 9, 2008, a conference call between U.S. Nuclear Regulatory Commission (NRC) and General Electric Hitachi (GEH) staffs was held to discuss Environmental Report (ER) and Emergency Plan (EP) issues related to a planned laser-based uranium enrichment facility license application.

Discussion:

Ms. J. Olivier of GEH began the discussion by asking if the accident analysis for the ER should include accidents that are not credible. Ms. J. Moore indicated that the accident analyses presented in the Integrated Safety Analysis (ISA) would sufficiently address accident analyses for the ER. Staff would use the ISA as the basis for its accident analysis in the Environmental Impact Statement.

Ms. Olivier asked if GEH could reference the transportation accident impacts from NUREG-0170, "Final Environmental Statement on the Transportation of Radioactive Material by Air and Other Modes." NRC staff indicated that this is an acceptable approach for addressing transportation impacts.

Ms. Olivier asked what the NRC's current position is on addressing terrorist impacts. NRC staff stated that if the proposed site is outside the jurisdiction of the Ninth Circuit Court of Appeals, applicants do not need to consider terrorist impacts in the ER. NRC staff added that the same position applies to accident analyses for the EP.

Ms. Olivier asked if the environmental monitoring program proposed in the application could be later changed to reflect actual monitoring data. NRC staff indicated that it would be acceptable to modify the environmental monitoring program in the future based on actual monitoring data. These modifications could potentially be made under 10 CFR 70.72 or through a license amendment.

Ms. Olivier asked if recent earthquake information is reflected in NRC seismic guidance. NRC staff stated that the seismic guidance has not changed. However, GEH would be expected to consider all recent earthquake data in developing the design basis earthquake for its facility design.

Ms. Olivier stated that some of the information for the ER would be based on classified documents. She asked if classified documents could be cited in the ER. NRC staff indicated that it is acceptable to refer to classified documents and expects that GEH will provide the cited references to NRC for its use in preparing the ER.

Enclosure

GEH staff asked if it would be acceptable to combine the uranium enrichment facility EP with the fuel fabrication facility EP. NRC staff stated that it is preferable to have one plan for the entire site. GEH would supplement the existing EP with bounding information from the uranium enrichment facility. GEH staff also asked what the applicable guidance is for EPs. Mr. M. Norris stated that it is NUREG-6410, "Nuclear Fuel Cycle Facility Accident Analysis Handbook," and NUREG-1520, "Standard Review Plan for the Review of a License Application for a Fuel Cycle Facility." NRC staff also stated that classified information should not be put in the EP.

Action Items:

None