

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION  
ATOMIC SAFETY AND LICENSING BOARD

Before Administrative Judges:

Paul S. Ryerson, Chairman  
Dr. James F. Jackson  
Dr. Michael O. Garcia

In the Matter of:

GE-HITACHI GLOBAL LASER ENRICHMENT  
LLC  
(GLE Commercial Facility)

Docket No. 70-7016-ML

ASLBP No. 10-901-03-ML-BD01

July 18, 2012

ORDER  
(Concerning Evidence Admitted During the Proceeding)

On July 11-12, 2012, the Board conducted an evidentiary hearing in the Atomic Safety Licensing Board Hearing Room in Rockville, MD. Because a transcript may not be publicly available for some time due to the classified nature of much of the material discussed, this Order will summarize the Board's rulings at the hearing concerning the admission of evidence:

- 1) GLE007 is not admitted.<sup>1</sup> All other GLE exhibits (GLE001 through GLE006 and GLE008 through GLE024) are admitted, including all relevant subparts. GLE exhibits containing subparts have been renumbered to indicate subparts exist, and GLE021 has been notated with an "R" to indicate the revised version was admitted.
- 2) All NRC Staff exhibits (NRC001 through NRC124) are admitted, including all relevant subparts. NRC Staff Testimony has been assigned exhibit numbers NRC118 through NRC124. NRC Staff exhibits containing subparts have been renumbered to indicate

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<sup>1</sup> GLE007 merely referenced exhibits NRC075 and NRC076, which have been admitted.

subparts exist, and NRC123 has been notated with an "R" to indicate the revised version was admitted.

- 3) Admitted as Board exhibits BRD001 and BRD002, respectively, are the GLE Exhibit List and the NRC Staff Exhibit list, as modified by the Board to indicate the official exhibit number, the public availability of the exhibit, and other identifying information. Additional copies of BRD001 and BRD002 are attached for the convenience of the parties.
- 4) All exhibits that were not submitted over the EIE due to their voluminous nature or due to the classification of the materials contained therein have been marked with their assigned exhibit numbers. After the Board issues its Initial Decision, the exhibits containing ECI or classified information will be submitted by the Board to the Office of the Secretary for the official record. Public voluminous documents have been marked and submitted to the Office of the Secretary for the official record.

It is so ORDERED.

FOR THE ATOMIC SAFETY  
AND LICENSING BOARD

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Paul S. Ryerson, Chairman  
ADMINISTRATIVE JUDGE

Rockville, Maryland  
July 18, 2012



Nuclear Regulatory Commission  
Exhibit # - BRD001-00-BD01  
Docket # - 07007016  
Identified : 07/18/2012

Admitted: 07/18/2012

Withdrawn:

Rejected:

Stricken:

**GE-Hitachi Global Laser Enrichment, LLC.**  
**Applicant Exhibit List**

Applicant Exhibit #	Official Exhibit #	Applicants Exhibit Name/Description	Additional Information	Availability	EIE Filing (Y/N) Date Docketed	Witnesses/Panel
GLE001	GLE001-00-BD01	(U) GLE's Prefiled Testimony on Topic 1	Not Available in ADAMS or EHD  Contact the Office the Secretary for Additional Information	Secret, Restricted Data	No	Steve Painter
GLE002	GLE002-00-BD01	(U) GLE PowerPoint (PP) Presentation on Topic 1	Not Available in ADAMS or EHD  Contact the Office the Secretary for Additional Information	Secret, Restricted Data	No	Steve Painter
GLE003	GLE003-00-BD01	Chapter 4.18 (U) Integrated Safety Analysis Summary for the GLE Commercial Facility	Not Available in ADAMS or EHD  Contact the Office the Secretary for Additional Information	Secret, Restricted Data	No	Steve Painter
GLE004 was submitted as follows:		License Application (public version), ADAMS Accession Nos. ML11299A078, ML11299A077, ML103610080, and ML110960272	GLE004 is replaced with Exhibits GLE004A through GLE004D	Publicly Available	No	Julie Olivier
GLE004A	GLE004A-00-BD01		<b>ADAMS Title:</b> Revised Documents Related to September 15, 2011 Response to NRC Request for Additional Information. GLE License Application Front Matter, Chapter 1, and Chapter 3. Cover through Page 1-42 of 1-70.  <b>ADAMS Accession Number:</b> ML11299A078	Publicly Available	No	Julie Olivier
GLE004B	GLE004B-00-BD01		<b>ADAMS Title:</b> Revised Documents Related to September 15, 2011 Response to NRC Request for Additional Information. GLE License Application Front Matter, Chapter 1, and Chapter 3. Page 1-43 of 1-70 through Page 3-45 of 3-45.  <b>ADAMS Accession Number:</b> ML11299A077	Publicly Available	No	Julie Olivier



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Applicant Exhibit #	Official Exhibit #	Applicants Exhibit Name/Description	Additional Information	Availability	EIE Filing (Y/N) Date Docketed	Witnesses/Panel
GLE004C	GLE004C-00-BD01		<b>ADAMS Title:</b> GE-Hitachi Global Laser Enrichment LLC Commercial Facility, Wilmington, NC, License Application.  <b>ADAMS Accession Number:</b> ML103610080	Publicly Available	No	Julie Olivier
GLE004D	GLE004D-00-BD01		<b>ADAMS Title:</b> Global Laser Enrichment, Submittal of Revision 4 to License Application, Chapter 1, 2, 3, 5, 8, and 11.  <b>ADAMS Accession Number:</b> ML110960272	Publicly Available	No	Julie Olivier
GLE005	GLE005-00-BD01	License Application (non-public version), located in the NRC's Security-Related and Proprietary Document Management System	Not Available in ADAMS or EHD  Contact the Office the Secretary for Additional Information	Security-Related and Proprietary	No	Julie Olivier
GLE006 was submitted as follows:		Environmental Report (public), ADAMS Accession No. ML090910573	<b>ADAMS Package Title:</b> Environmental Report for Proposed GLE Uranium Facility.  ADAMS Package Number: ML090910573  GLE006 is replaced with exhibits GLE006A through GLE006D	Publicly Available (package)	No	Julie Olivier
GLE006A	GLE006A-00-BD01		<b>ADAMS Title:</b> Environmental Report for Proposed GLE Uranium Enrichment Facility: Table of Contents through Ch. 2.  <b>ADAMS Accession Number:</b> ML090910468	Publicly Available	No	Julie Olivier
GLE006B	GLE006B-00-BD01		<b>ADAMS Title:</b> Environmental Report for Proposed GLE Uranium Enrichment Facility" Section 3.1 through 3.3  <b>ADAMS Accession Number:</b> ML090910475	Publicly Available	No	Julie Olivier



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GLE006C	GLE006C-00-BD01		<b>ADAMS Title:</b> Environmental Report for Proposed GLE Uranium Enrichment Facility: Chapters 5 through 11.  <b>ADAMS Accession Number:</b> ML090910526	Publicly Available	No	Julie Olivier
GLE006D	GLE006D-00-BD01		<b>ADAMS Title:</b> Environmental Report for Proposed GLE Uranium Enrichment Facility: Appendix A through Appendix N.  <b>ADAMS Accession Number:</b> ML090910536	Publicly Available	No	Julie Olivier
GLE007		Environmental Proprietary Chapters, see Exhibits NRC075 and NRC076		Proprietary	No	Julie Olivier
GLE008	GLE008-00-BD01	Environmental Report Supplement 1, ADAMS Accession No. ML092100528	<b>ADAMS Title:</b> Supplement 1 to the Environmental Report for the GE-Hitachi Global Laser Enrichment (GLE) Facility: Early Construction.	Publicly Available	No	Julie Olivier
GLE009	GLE009-00-BD01	Environmental Report Supplement 2, ADAMS Accession No. ML093240135	<b>ADAMS Title:</b> GE-Hitachi Global Laser Enrichment Submittal of GLE Environmental Report Supplement 2 - Revised Entrance and Roadway.	Publicly Available	No	Julie Olivier
GLE010	GLE010-00-BD01	Integrated Safety Analysis Summary (non-public), located in the NRC's Export-Controlled Document Management System	Not Available in ADAMS or EHD  Contact the Office the Secretary for Additional Information	Security-Related, Proprietary, Export-Controlled	No	Steve Painter
GLE011	GLE011-00-BD01	Quality Assurance Program Document (public), ADAMS Accession No. ML11271A026	<b>ADAMS Title:</b> Submittal of Quality Assurance Program Description, Revision 7, for Global Laser Enrichment License Application.	Publicly Available	No	Julie Olivier
GLE012	GLE012-00-BD01	GLE Prefiled Testimony on Topic 5, Need/Alternatives/Environmental Cost-Benefit Analysis		Publicly Available	Yes 6/19/2012	Julie Olivier Michael Schwartz Katherine Heller Kimberly Matthews



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## GE-Hitachi Global Laser Enrichment, LLC. Applicant Exhibit List

Applicant Exhibit #	Official Exhibit #	Applicants Exhibit Name/Description	Additional Information	Availability	EIE Filing (Y/N) Date Docketed	Witnesses/Panel
GLE013	GLE013-00-BD01	GLE PP Presentation on Topic 5A		Publicly Available	Yes 6/19/2012	Michael Schwartz
GLE014	GLE014-00-BD01	Energy Resources International, Inc. Report, entitled "A Detailed Review of the Need for Future Enrichment Capability"		Publicly Available	Yes 6/19/2012	Michael Schwartz
GLE015	GLE015-00-BD01	Letter from Counsel for Louisiana Energy Services to the NRC Commenting on 67 Fed. Reg. 61,932 (2002)		Publicly Available	Yes 6/19/2012	Julie Olivier
GLE016	GLE016-00-BD01	Letter from GLE President to Progress Energy Regarding Demand for Electricity (2009)		Publicly Available	Yes 6/19/2012	Julie Olivier
GLE017	GLE017-00-BD01	E-mail from Progress Energy to GLE Regarding Power Distribution (2011)		Publicly Available	Yes 6/19/2012	Julie Olivier
GLE018	GLE018-00-BD01	GLE Additional PP Presentation on Topic 5		Publicly Available	Yes 6/19/2012	Katherine Heller Kimberley Matthews Julie Olivier
GLE019	GLE019-00-BD01	GLE Prefiled Testimony on Topic 2B, Licensing an Evolving Design		Publicly Available	Yes 6/22/2012	Julie Olivier
GLE020	GLE020-00-BD01	GLE PP Presentation on Topic 2B		Publicly Available	Yes 6/22/2012	Julie Olivier
<del>GLE021</del>		<del>GLE Prefiled Testimony on Topic 4, Tracking and Implementation of Applicant Commitments</del>	Exhibit GLE021 was and replaced with a revised version on July 10, 2012 and assigned exhibit number GLE021-R1.	<del>Publicly Available</del>	<del>Yes 6/22/2012</del>	<del>Julie Olivier Robert Crate</del>
GLE021-R	GLE021-R-00-BD01	GLE Corrected Prefiled Testimony on Topic 4, Tracking and Implementation of Applicant Commitments		Publicly Available	Yes 07/10/2012	Julie Olivier Robert Crate
GLE022	GLE022-00-BD01	GLE PP Presentation on Topic 4		Publicly Available	Yes 6/22/2012	Julie Olivier Robert Crate



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GLE023	GLE023-00-BD01	GLE Prefiled Testimony on Topic 6, Environmental Monitoring Program		Publicly Available	Yes 6/22/2012	Joseph Alexander Kimberly Matthews Andrew Stahl Julie Olivier
GLE024	GLE024-00-BD01	GLE PP Presentation on Topic 6		Publicly Available	Yes 6/22/2012	Joseph Alexander Kimberly Matthews Andrew Stahl Julie Olivier



Nuclear Regulatory Commission  
Exhibit # - BRD002-00-BD01  
Docket # - 07007016  
Identified : 07/18/2012

Admitted: 07/18/2012

Withdrawn:

Rejected:

Stricken:

## GE-Hitachi Global Laser Enrichment, LLC. NRC Staff Exhibit List

Staff Exhibit #	Official Exhibit #	NRC Staff's Exhibit Name/Description	Additional Information	Availability	EIE Filing (Y/N) Date Docketed	Witness/Panel
NRC001	NRC001-00-BD01	U.S. Nuclear Regulatory Commission. NUREG-2120, "Safety Evaluation Report for the General Electric-Hitachi Global Laser Enrichment LLC Laser-Based Uranium Enrichment Plant in Wilmington, North Carolina." February 2012. ADAMS Accession No. ML12060A007.	<b>ADAMS Title:</b> NUREG-2120 "Safety Evaluation Report for the General Electric-Hitachi Global Laser Enrichment LLC Laser-Based Uranium Enrichment Plant in Wilmington, North Carolina".	Publicly Available	No	ASLB Questions Topics 1A, 1B, 2, 3, 4, and 6
NRC002	NRC002-00-BD01	U.S. Nuclear Regulatory Commission. NUREG-2120, "Safety Evaluation Report for the General Electric-Hitachi Global Laser Enrichment LLC Laser-Based Uranium Enrichment Plant in Wilmington, North Carolina." February 2012. <b>[NON-PUBLIC – ECI and SUNSI (PROPRIETARY and SRI)]</b> (Previously provided to the Board)	Not available in ADAMS or EHD  Contact the Office the Secretary for Additional Information	Non-Publicly Available \ Security-Related, Proprietary, Export-Controlled	No	ASLB Questions Topics 1A, 1B, 3, 4, and 6
NRC003 was submitted as follows:		U.S. Nuclear Regulatory Commission. NUREG-1938, "Environmental Impact Statement for the Proposed GE-Hitachi Global Laser Enrichment, LLC Facility in Wilmington, North Carolina, Final Report." February 2012. ADAMS Accession Nos. Vol. 1 – ML12047A040, Vol. 2 – ML12047A042.	NRC003 is replaced with Exhibits NRC003A and NRC003B	Publicly Available	No	ASLB Questions Topics 4, 5, and 6
NRC003A	NRC003A-00-BD01		<b>ADAMS Title:</b> NUREG-1938 Vol 1 "Environmental Impact Statement for the Proposed GE-Hitachi Global Laser Enrichment, LLC, Facility in Wilmington, North Carolina." Final, Main Report.  <b>ADAMS Accession Number:</b> ML12047A040	Publicly Available	No	ASLB Questions Topics 4, 5, and 6



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NRC Staff Exhibit List**

Staff Exhibit #	Official Exhibit #	NRC Staff's Exhibit Name/Description	Additional Information	Availability	EIE Filing (Y/N) Date Docketed	Witness/Panel
NRC003B	NRC003B-00-BD01		<b>ADAMS Title:</b> NUREG-1938 Vol. 2, "Environmental Impact Statement for the Proposed GE-Hitachi Global Laser Enrichment, LLC Facility in Wilmington, North Carolina - Final Report (Appendices)".  <b>ADAMS Accession Number:</b> ML12047A042	Publicly Available	No	ASLB Questions Topics 4, 5, and 6
NRC004	NRC004-00-BD01	U.S. Nuclear Regulatory Commission. Appendix H to NUREG-1938, "Environmental Impact Statement for the Proposed GE-Hitachi Global Laser Enrichment, LLC Facility in Wilmington, North Carolina, Final Report." February 2012. <b>[NON-PUBLIC – SUNSI (PROPRIETARY and SRI)]</b>		Non-Publicly Available	Yes 6/19/2012	Topic 5
NRC005	NRC005-00-BD01	U.S. Nuclear Regulatory Commission. NUREG-1520, "Standard Review Plan for the Review of a License Application for a Fuel Cycle Facility." Revision 0. March 2002. ADAMS Accession No. ML020930033.	<b>ADAMS Title:</b> 2002/03/31-NUREG-1520, Standard Review Plan for the Review of a License Application for a Fuel Cycle Facility.	Publicly Available	No	ASLB Questions Topics 1A, 1B, 2, 3, and 6
NRC006	NRC006-00-BD01	U.S. Nuclear Regulatory Commission. NUREG-1748, "Environmental Review Guidance for Licensing Actions Associated with NMSS Programs." August 2003. ADAMS Accession No. ML032450279.	<b>ADAMS Title:</b> NUREG-1748, "Environmental Review Guidance for Licensing Action Associated with NMSS Program," Final Report.	Publicly Available	No	Topics 5 and 6
NRC007	NRC007-00-BD01	"NRC Staff Public Responses to the Licensing Board's Initial Questions Regarding the SER." May 2, 2012.		Publicly Available	Yes 6/19/2012	ASLB Questions Topics 1A and 3
NRC008	NRC008-00-BD01	"NRC Staff Non-Public Responses to the Licensing Board's Initial Questions Regarding the SER." May 2, 2012. <b>[NON-PUBLIC – SUNSI (PROPRIETARY and SRI)]</b>		Non-Publicly Available	Yes 6/20/2012	ASLB Questions Topics 1A and 3

**GE-Hitachi Global Laser Enrichment, LLC.  
NRC Staff Exhibit List**

<b>Staff Exhibit #</b>	<b>Official Exhibit #</b>	<b>NRC Staff's Exhibit Name/Description</b>	<b>Additional Information</b>	<b>Availability</b>	<b>EIE Filing (Y/N) Date Docketed</b>	<b>Witness/Panel</b>
NRC009	NRC009-00-BD01	"NRC Staff Public Responses to the Licensing Board's Initial Questions Regarding the FEIS." May 2, 2012.		Publicly Available	Yes 6/19/2012	ASLB Questions Topics 4 and 5
NRC010	NRC010-00-BD01	"Combined Statements of Professional Qualifications for NRC Staff Responses to the Licensing Board's Initial Questions." May 2, 2012.		Publicly Available	Yes 6/19/2012	ASLB Questions
NRC011	NRC011-00-BD01	U.S. Nuclear Regulatory Commission. Interim Staff Guidance FCSS-ISG-03, "Nuclear Criticality Safety Performance Requirements and Double Contingency Principle." February 17, 2005. ADAMS Accession No. ML050690302.		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 1A
NRC012	NRC012-00-BD01	U.S. Nuclear Regulatory Commission. Interim Staff Guidance FCSS-ISG-10, "Justification for the Minimum Margin of Subcriticality for Safety." June 15, 2006. ADAMS Accession No. ML061650370.		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 1A
NRC013	NRC013-00-BD01	U.S. Nuclear Regulatory Commission. Regulatory Guide 3.71, "Nuclear Criticality Safety Standards for Fuels and Material Facilities." Revision 2. December 2010. ADAMS Accession No. ML103210345.		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 1A
NRC014	NRC014-00-BD01	U.S. Nuclear Regulatory Commission. NUREG/CR-6698, "Guide for Validation of Nuclear Criticality Safety Calculational Methodology." January 2001. ADAMS Accession No. ML010170125.		Publicly Available	Yes 6/19/2012	Topic 1A

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NRC Staff Exhibit List**

Staff Exhibit #	Official Exhibit #	NRC Staff's Exhibit Name/Description	Additional Information	Availability	EIE Filing (Y/N) Date Docketed	Witness/Panel
NRC015 was submitted as follows:		GE-Hitachi Nuclear Energy Americas, LLC. "GEMER Monte Carlo Code Validation Report." January 2010. <b>[NON-PUBLIC – SUNSI (PROPRIETARY)]</b> ADAMS Accession Nos. ML100550587 and ML100550588.	NRC015 is replaced with Exhibits NRC015A and NRC015B	Non-Publicly Available	No	Topic 1A
NRC015A	NRC015A-00-BD01		<b>ADAMS Title:</b> GEMER Monte Carlo Code Validation Report, Revision 5.1, Cover through Page 194.  <b>ADAMS Accession Number:</b> ML100550587	Non-Publicly Available	No	Topic 1A
NRC015B	NRC015B-00-BD01		<b>ADAMS Title:</b> GEMER Monte Carlo Code Validation Report, Revision 5.1, Page 195 through End.  <b>ADAMS Accession Number:</b> ML100550588	Non-Publicly Available	No	Topic 1A
NRC016	NRC016-00-BD01	U.S. Nuclear Regulatory Commission. NUREG-1513, "Integrated Safety Analysis Guidance Document." May 2001. ADAMS Accession No. ML011440260.		Publicly Available	Yes 6/22/2012	Topic 1B
NRC017	NRC017-00-BD01	U.S. Nuclear Regulatory Commission. NUREG/CR-5659, "Control Room Habitability System Review Models." December 1990. <b>[NON-PUBLIC]</b> ADAMS Accession No. ML063480135.	<b>ADAMS Title:</b> NUREG/CR-5659, "Control Room Habitability System Review Models."	Non-Publicly Available	No	Topic 1B
NRC018	NRC018-00-BD01	U.S. Nuclear Regulatory Commission. NUREG-1391, "Chemical Toxicity of Uranium Hexafluoride Compared to Acute Effects of Radiation." December 1991. ADAMS Accession No. ML072610444.		Publicly Available	Yes 6/22/2012	Topic 1B

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Staff Exhibit #	Official Exhibit #	NRC Staff's Exhibit Name/Description	Additional Information	Availability	EIE Filing (Y/N) Date Docketed	Witness/Panel
NRC019	NRC019-00-BD01	U.S. Nuclear Regulatory Commission. NUREG/CR-6410, "Nuclear Fuel Cycle Facility Accident Analysis Handbook." March 1998. ADAMS Accession No. ML072000468.	<b>ADAMS Title:</b> NUREG/CR-6410, "Nuclear Fuel Cycle Facility Accident Analysis Handbook."	Publicly Available	No	ASLB Questions Topic 1B
NRC020	NRC020-00-BD01	U.S. Nuclear Regulatory Commission. NUREG-1520, "Standard Review Plan for the Review of a License Application for a Fuel Cycle Facility." Revision 1. May 2010. ADAMS Accession No. ML101390110. (Excerpt)		Publicly Available	Yes 6/19/2012	Topic 2
NRC021	NRC021-00-BD01	Memorandum from R. Pierson, Director of the Division of Fuel Cycle Safety and Safeguards, to Division of Fuel Cycle Safety and Safeguards staff, "United States Enrichment Corporation License Detail Regarding the Level of Information Needed for 10 CFR Part 70 Licensing." August 4, 2006. ADAMS Accession No. ML062160073.		Publicly Available	Yes 6/19/2012	Topic 2
NRC022	NRC022-00-BD01	F. Burrows, M. Galloway, R. Shaffer, and C. Tripp, DPO-2006-005, "Management Policy on Licensing New Fuel Cycle Facilities." November 11, 2005. ADAMS Accession No. ML063260307.		Publicly Available	Yes 6/19/2012	Topic 2
NRC023	NRC023-00-BD01	Memorandum from M. Weber to F. Burrows, M. Galloway, and C. Tripp, "Final Decision: Differing Professional Opinion on Management Policy on Licensing New Fuel Cycle Facilities (DPO-2006-005)." July 24, 2007. ADAMS Accession No. ML072050212.		Publicly Available	Yes 6/19/2012	Topic 2

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Staff Exhibit #	Official Exhibit #	NRC Staff's Exhibit Name/Description	Additional Information	Availability	EIE Filing (Y/N) Date Docketed	Witness/Panel
NRC024	NRC024-00-BD01	Memorandum from L. Reyes to F. Burrows, M. Galloway, and C. Tripp, "Differing Professional Opinion Appeal Involving Management Policy on Licensing New Fuel Cycle Facilities (DPO-2006-005)." January 9, 2008. ADAMS Accession No. ML073540240.		Publicly Available	Yes 6/19/2012	Topic 2
NRC025	NRC025-00-BD01	Letter from D. Sexton (LES) to U.S. Nuclear Regulatory Commission, "Materials License SNM-2010 Amendment Request (LAR-11-11) to Add 'TC21 Centrifuges' to SAR Table 5.1-2, 'Safety Criteria For Buildings/Systems/Components.'" September 22, 2011. ADAMS Accession No. ML11271A010.		Publicly Available	Yes 6/19/2012	Topic 2
NRC026	NRC026-00-BD01	Letter from B. Smith (U.S. Nuclear Regulatory Commission) to J. Laughlin (LES), "License Amendment Request 11-11 Request to Add TC21 Centrifuges to Safety Analysis Report Table 5.1-2 'Safety Criteria For Buildings/Systems/Components' (TAC L33182) Amendment 54." May 22, 2012. ADAMS Accession No. ML121420176 (letter).		Publicly Available	Yes 6/19/2012	Topic 2
NRC027	NRC027-00-BD01	Letter from P. Miner (USEC, Inc.) to M. Weber (U.S. Nuclear Regulatory Commission), "License Amendment Request – Amend Facility License SNM-2011 for Feed and Withdrawal System Design Changes." November 17, 2008. ADAMS Accession No. ML083370337.		Publicly Available	Yes 6/19/2012	Topic 2

**GE-Hitachi Global Laser Enrichment, LLC.  
NRC Staff Exhibit List**

Staff Exhibit #	Official Exhibit #	NRC Staff's Exhibit Name/Description	Additional Information	Availability	EIE Filing (Y/N) Date Docketed	Witness/Panel
NRC028	NRC028-00-BD01	Letter from M. Tschiltz (U.S. Nuclear Regulatory Commission) to P. Miner (USEC, Inc.), "NRC Approval of USEC Inc. Request to Amend Facility License SNM-7004 for Feed and Withdrawal System Design Changes." May 22, 2012. ADAMS Accession Nos. ML091890789 (letter) and ML09180793 (Encl. 1 – redacted SER).		Publicly Available	Yes 6/19/2012	Topic 2
NRC029	NRC029-00-BD01	U.S. Nuclear Regulatory Commission. Regulatory Guide 1.59, "Design Basis Floods for Nuclear Power Plants." Revision 2. August 1977. ADAMS Accession No. ML003740388.		Publicly Available	Yes 6/22/2012	ASLB Questions Topic 3
NRC030	NRC030-00-BD01	U.S. Nuclear Regulatory Commission. NUREG/CR-4461, "Tornado Climatology of the Contiguous United States." Revision 2. February 2007. ADAMS Accession No. ML070810400.	<b>ADAMS Title:</b> NUREG/CR-4461, Rev. 2, "Tornado Climatology of the Contiguous United States."	Publicly Available	No	ASLB Questions Topic 3
NRC031	NRC031-00-BD01	U.S. Department of Energy (DOE) Standard 1020-2002, "Natural Phenomena Hazards Design and Evaluation Criteria for Department of Energy Facilities," Chapter 2 and Appendix C. January 2002. (Excerpt)		Publicly Available	Yes 6/22/2012	Topic 3
NRC032	NRC032-00-BD01	United States Geological Survey, "Documentation for the 2008 Update of the United States National Seismic Maps." U.S. Geological Survey Open-File Report 2008-1128. 2008. (Excerpt)		Publicly Available	Yes 6/22/2012	Topic 3
NRC033	NRC033-00-BD01	Talwani, P. and W.T. Schaeffer, Recurrence Rates of Large Earthquakes in South Carolina Coastal Plain Based on Paleoliquefaction Data. <i>Journal of Geophysical Research</i> , V. 106, No. B4, April 10, 2001, pp. 6621-42.		Publicly Available	Yes 6/22/2012	Topic 3

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Staff Exhibit #	Official Exhibit #	NRC Staff's Exhibit Name/Description	Additional Information	Availability	EIE Filing (Y/N) Date Docketed	Witness/Panel
NRC034	NRC034-00-BD01	2006 International Building Code, Section 1613, Earthquake Loads. International Code Council, Washington, DC. (Excerpt)		Publicly Available	Yes 6/22/2012	Topic 3
NRC035	NRC035-00-BD01	USGS, "North Carolina—Earthquake History." <a href="http://earthquake.usgs.gov/earthquakes/states/north_carolina/history.php">http://earthquake.usgs.gov/earthquakes/states/north_carolina/history.php</a> (accessed June 7, 2012).		Publicly Available	Yes 6/22/2012	Topic 3
NRC036	NRC036-00-BD01	U.S. Nuclear Regulatory Commission. Interim Staff Guidance FCSS-ISG-08, "Natural Phenomena Hazards." October 28, 2005. ADAMS Accession No. ML052650305.		Publicly Available	Yes 6/22/2012	ASLB Questions Topics 1B and 3
NRC037	NRC037-00-BD01	Gonzalez et al., "Scientific and Technical Issues in Tsunami Hazard Assessment of Nuclear Power Plant Sites." National Oceanic and Atmospheric Administration (NOAA) Technical Memorandum OAR PMEL-136, Pacific Marine Environmental Laboratory, Seattle, WA, 2007. (Excerpt)		Publicly Available	Yes 6/22/2012	ASLB Questions Topic 3
NRC038	NRC038-00-BD01	N.W. Driscoll, J.K. Weissel, and J.A. Goff, "Potential for large-scale submarine slope failure and tsunami generation along the US mid-Atlantic Coast." <i>Geology</i> , Vol. 28, No. 5, May 2000.		Publicly Available	Yes 6/22/2012	ASLB Questions Topic 3
NRC039	NRC039-00-BD01	Dunbar, P.K. and C.S. Weaver. "U.S. States and Territories National Tsunami Hazard Assessment: Historical Record and Sources for Waves." Prepared for the National Tsunami Hazard Mitigation Program, NOAA and USGS. August 2008. (Excerpt)		Publicly Available	Yes 6/22/2012	ASLB Questions Topic 3

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<b>Staff Exhibit #</b>	<b>Official Exhibit #</b>	<b>NRC Staff's Exhibit Name/Description</b>	<b>Additional Information</b>	<b>Availability</b>	<b>EIE Filing (Y/N) Date Docketed</b>	<b>Witness/Panel</b>
NRC040	NRC040-00-BD01	"Global Laser Enrichment (GLE) Commercial Facility, Castle Hayne Approval of 401 Water Quality Certification with Additional Conditions." State of North Carolina Department of Environment and Natural Resources, Division of Water Quality. May 25, 2012.		Publicly Available	Yes 6/19/2012	Topic 4
NRC041	NRC041-00-BD01	"National Pollutant Discharge Elimination System Permit No. NC0001228 Renewal." State of North Carolina Department of Environment and Natural Resources, Division of Water Quality. March 30, 2012.		Publicly Available	Yes 6/19/2012	Topic 4 and 6
NRC042	NRC042-00-BD01	"National Pollutant Discharge Elimination System Permit No. NC0001228 (Process and Domestic Wastewater)." State of North Carolina Department of Environment and Natural Resources, Division of Water Quality. February 16, 2004. ADAMS Accession No. ML091490113.		Publicly Available	Yes 6/19/2012	Topics 4 and 6
NRC043	NRC043-00-BD01	"National Pollutant Discharge Elimination System Stormwater Permit No. NCS000022." State of North Carolina Department of Environment and Natural Resources, Division of Water Quality. April 2, 2007. ADAMS Accession No. ML091490112.		Publicly Available	Yes 6/19/2012	Topics 4 and 6
NRC044	NRC044-00-BD01	U.S. Energy Information Administration, DOE/EIA-0383, "Annual Energy Outlook 2010 with Projections to 2035" (April 2010). ADAMS Accession No. ML103480627.	<b>ADAMS Title:</b> DOE/EIA-0383(2010), "Annual Energy Outlook 2010 with Projections to 2035."	Publicly Available	No	ASLB Questions Topic 5
NRC045	NRC045-00-BD01	U.S. Energy Information Administration, DOE/EIA-0383, "Annual Energy Outlook 2011 with Projections to 2035" (April 2011).		Publicly Available	Yes 6/19/2012	Topic 5



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NRC046	NRC046-00-BD01	U.S. Energy Information Administration, "Annual Energy Outlook 2012 Early Release Overview" (January 2012).		Publicly Available	Yes 6/19/2012	Topic 5
NRC047	NRC047-00-BD01	U.S. Energy Information Administration, "Uranium Marketing Annual Report" (May 2011).		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5
NRC048	NRC048-00-BD01	Press Release, U.S. Department of Energy, "DOE Announces Transfer of Depleted Uranium to Advance the U.S. National Security Interests, Extend Operations at Paducah Gaseous Diffusion Plant" (May 15, 2012).		Publicly Available	Yes 6/19/2012	Topic 5
NRC049	NRC049-00-BD01	U.S. Energy Information Administration, "International Energy Outlook 2011" (September 2011).		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5
NRC050	NRC050-00-BD01	U.S. Nuclear Regulatory Commission, "Recommendations for Enhancing Reactor Safety in the 21st Century, The Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident," July 12, 2011. ADAMS Accession No. ML111861807. (Excerpt)		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5
NRC051	NRC051-00-BD01	International Atomic Energy Agency (IAEA), "Energy, Electricity and Nuclear Power Estimates for the Period up to 2050" (August 2011).		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5

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Staff Exhibit #	Official Exhibit #	NRC Staff's Exhibit Name/Description	Additional Information	Availability	EIE Filing (Y/N) Date Docketed	Witness/Panel
NRC052	NRC052-00-BD01	U.S. Nuclear Regulatory Commission. Letter from David B. Matthews (NRC) to Joseph A. "Buzz" Miller (Southern Nuclear Operating Company). "Subject: Issuance of Combined Licenses and Limited Work Authorizations for Vogtle Electric Generating Plant (VEGP, Units 3 and 4)," February 10, 2012. ADAMS Accession No. ML113360395.		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5
NRC053	NRC053-00-BD01	U.S. Nuclear Regulatory Commission. Letter from David B. Matthews (NRC) to Ronald B. Clary (South Carolina Electric & Gas Company). "Subject: Issuance of Combined Licenses for V.C. Summer Nuclear Station (VCSNS) Units 2 and 3," March 30, 2012. ADAMS Accession No. ML113360467.		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5
NRC054	NRC054-00-BD01	United States Enrichment Corporation, Inc. U.S. Securities and Exchange Commission Form 10-K, "Annual Report Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934," March 14, 2012. (Excerpt)		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5
NRC055 was submitted as follows:		U.S. Nuclear Regulatory Commission. NUREG-1790, "Environmental Impact Statement for the Proposed National Enrichment Facility in Lea County, New Mexico, Final Report." June 2005. ADAMS Accession Nos. Vol. 1 – ML051730238, Vol. 2 – ML051730292.	NRC055 is replaced with Exhibits NRC055A and NRC055B	Publicly Available	No	ASLB Questions Topic 5

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NRC055A	NRC055A-00-BD01		<b>ADAMS Title:</b> 2005/06/30-NUREG-1790, Vol. 1, "Environmental Impact Statement for the Proposed National Enrichment Facility in Lea County, New Mexico, Chapters 1 through 10 and Appendices A through G. Final Report."  <b>ADAMS Accession Number:</b> ML051730238	Publicly Available	No	ASLB Questions Topic 5
NRC055B	NRC055B-00-BD01		<b>ADAMS Title:</b> 2005/06/30-NUREG-1790, Vol. 2, "Environmental Impact Statement for the Proposed National Enrichment Facility in Lea County, New Mexico, Appendices H through J. Final Report."  <b>ADAMS Accession Number:</b> ML051730292	Publicly Available	No	ASLB Questions Topic 5
NRC056	NRC056-00-BD01	U.S. Department of Energy. Letter from Steven Chu, Secretary, U.S. Department of Energy, to Senator Sherrod Brown, January 13, 2012.		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5
NRC057	NRC057-00-BD01	U.S. House of Representatives. Committee on Appropriations. Energy and Water Development Subcommittee. Hearing on "The Budget for the National Nuclear Security Administration (NNSA), Nuclear Nonproliferation & Naval Reactors." March 6, 2012.		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5
NRC058	NRC058-00-BD01	U.S. Senate. Committee on Energy and Natural Resources. Hearing on the U.S. Department of Energy's Fiscal Year 2013 Budget Request. February 16, 2012.		Publicly Available	Yes 6/19/2012	ASLB Questions

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NRC059	NRC059-00-BD01	AREVA Presentation, "Action 2016, Improving the group's performance in nuclear and renewable energies." Luc Oursel, Chief Executive Officer, AREVA; Pierre Aubouin, Chief Financial Executive Officer, AREVA; Benjamin Fremaux, Senior Vice President, Strategy, Mergers and Acquisitions, Secretary to the Executive Board, AREVA. December 13, 2011. (Excerpt)		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5
NRC060	NRC060-00-BD01	AREVA North America: Next Energy Blog, "AREVA Continues Eagle Rock Commitment." December 13, 2011. <a href="http://us.arevablog.com/2011/12/13/areva-continues-eagle-rock-commitment/">http://us.arevablog.com/2011/12/13/areva-continues-eagle-rock-commitment/.</a>		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5
NRC061	NRC061-00-BD01	U.S. Nuclear Regulatory Commission. Letter from L. Reyes, Regional Administrator, Region II, NRC, to D. Sexton, Chief Nuclear Officer and Vice President of Operations, National Enrichment Facility, Louisiana Energy Services, LLC (LES). "Authorization to Introduce Uranium Hexafluoride into Cascade Number 1." June 10, 2010. ADAMS Accession No. ML101610767.		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5
NRC062	NRC062-00-BD01	U.S. Nuclear Regulatory Commission. Letter from L. Reyes, Regional Administrator, Region II, NRC, to D. Sexton, Chief Nuclear Officer and Vice President of Operations, National Enrichment Facility, LES. "Authorization to Introduce Uranium Hexafluoride into Cascade 2." July 21, 2010. ADAMS Accession No. ML102020575.		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5

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NRC063	NRC063-00-BD01	U.S. Nuclear Regulatory Commission. Letter from A. Gody, Director, Division of Fuel Facility Inspection, Region II, NRC, to D. Sexton, Chief Nuclear Officer and Vice President of Operations, National Enrichment Facility, LES. "Authorization to Introduce Uranium Hexafluoride into Cascades 3 and 4." August 23, 2011. ADAMS Accession No. ML112351133.		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5
NRC064	NRC064-00-BD01	U.S. Nuclear Regulatory Commission. Letter from A. Gody, Director, Division of Fuel Facility Inspection, Region II, NRC, to D. Sexton, Chief Nuclear Officer and Vice President of Operations, National Enrichment Facility, LES. "Authorization to Introduce Uranium Hexafluoride into Cascades 1.5." November 15, 2011. ADAMS Accession No. ML11319A020.		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5
NRC065	NRC065-00-BD01	U.S. Nuclear Regulatory Commission. Letter from A. Gody, Director, Division of Fuel Facility Inspection, Region II, NRC, to G. Laughton, Chief Nuclear Officer and Head of Technical Services, LES. "Authorization to Introduce Uranium Hexafluoride into Cascades 6." December 21, 2011. ADAMS Accession No. ML11355A147.		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5
NRC066	NRC066-00-BD01	U.S. Nuclear Regulatory Commission. Letter from A. Gody, Director, Division of Fuel Facility Inspection, Region II, NRC, to G. Laughton, Chief Nuclear Officer and Head of Technical Services, LES. "Authorization to Introduce Uranium Hexafluoride into Cascades 1.7." January 23, 2012. ADAMS Accession No. ML12024A283.		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5

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NRC067	NRC067-00-BD01	U.S. Nuclear Regulatory Commission. Letter from A. Gody, Director, Division of Fuel Facility Inspection, Region II, NRC, to G. Laughton, Chief Nuclear Officer and Head of Technical Services, LES. "Authorization to Introduce Uranium Hexafluoride into Cascades 1.8, 2.1, and 2.4." March 1, 2012. ADAMS Accession No. ML12061A069.		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5
NRC068	NRC068-00-BD01	U.S. Nuclear Regulatory Commission. Letter from A. Gody, Director, Division of Fuel Facility Inspection, Region II, NRC, to G. Laughton, Chief Nuclear Officer and Head of Technical Services, LES. "Authorization to Introduce Uranium Hexafluoride into Cascades 2.2, 2.3, and 2.5." March 14, 2012. ADAMS Accession No. ML12074A089.		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5
NRC069	NRC069-00-BD01	U.S. Nuclear Regulatory Commission. Letter from A. Gody, Director, Division of Fuel Facility Inspection, Region II, NRC, to G. Laughton, Chief Nuclear Officer and Head of Technical Services, LES. "Authorization to Introduce Uranium Hexafluoride into Cascades 2.6." March 19, 2012. ADAMS Accession No. ML12081A053.		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5
NRC070	NRC070-00-BD01	U.S. Nuclear Regulatory Commission. Letter from A. Gody, Director, Division of Fuel Facility Inspection, Region II, NRC, to G. Laughton, Chief Nuclear Officer and Head of Technical Services, LES. "Authorization to Introduce Uranium Hexafluoride into Cascades 2.7 and 2.8." March 27, 2012. ADAMS Accession No. ML12088A061.		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 5

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NRC071	NRC071-00-BD01	GE-Hitachi Global Laser Enrichment LLC. Letter from A. Kennedy (GE-Hitachi Global Laser Enrichment LLC) to A. Kock (U.S. Nuclear Regulatory Commission). "Subject: GE-Hitachi Global Laser Enrichment Response to Request for Additional Information Related to NRC Review of GLE Environmental Report." November 5, 2009. ADAMS Accession No. ML093170517.		Publicly Available	Yes 6/19/2012	Topic 5
NRC072	NRC072-00-BD01	U.S. Nuclear Regulatory Commission. NUREG-1555, "Environmental Standard Review Plan: Standard Review Plans for Environmental Reviews for Nuclear Power Plants," Section 9.3, Revision 1, July 2007. ADAMS Accession No. ML071800223.		Publicly Available	Yes 6/19/2012	Topic 5
NRC073	NRC073-00-BD01	GE-Hitachi Global Laser Enrichment LLC. Letter from T.G. Orr (GE-Hitachi Global Laser Enrichment LLC) to M. Weber (U.S. Nuclear Regulatory Commission). "Subject: Request for Exemption from 10 CFR §§ 70.4 and 70.23(a)(7) Requirements Governing 'Commencement of Construction'." December 8, 2008. ADAMS Accession No. ML090350201.		Publicly Available	Yes 6/19/2012	Topic 5
NRC074	NRC074-00-BD01	U.S. Nuclear Regulatory Commission. Letter from D.H. Dorman (U.S. Nuclear Regulatory Commission) to A.E. Kennedy (GE-Hitachi Global Laser Enrichment LLC). "Subject: Approval of GE-Hitachi Exemption Request Related to Commencement of Construction." May 8, 2009. ADAMS Accession No. ML083510647.		Publicly Available	Yes 6/19/2012	Topic 5

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NRC075	NRC075-00-BD01	GE-Hitachi Global Laser Enrichment LLC. Letter from J. Olivier (GE-Hitachi Global Laser Enrichment LLC) to J. Davis (U.S. Nuclear Regulatory Commission). "Subject: Response to Questions from Telecon Held on January 5, 2011, Regarding the Global Laser Enrichment Environmental Report." Enclosure – Updated Appendix U. January 17, 2011. <b>[NON-PUBLIC – SUNSI (PROPRIETARY)]</b>		Non-Publicly Available	Yes 6/19/2012	Topic 5
NRC076	NRC076-00-BD01	GE-Hitachi Global Laser Enrichment LLC. Letter from J. Olivier (GE-Hitachi Global Laser Enrichment LLC) to J. Davis (U.S. Nuclear Regulatory Commission). "Subject: Response to Questions from Telecon Held on January 5, 2011, Regarding the Global Laser Enrichment Environmental Report." Enclosure – Updated Tables U-1 through U-7. January 17, 2011. <b>[NON-PUBLIC – SUNSI (PROPRIETARY)]</b>		Non-Publicly Available	Yes 6/19/2012	Topic 5
NRC077	NRC077-00-BD01	U.S. Nuclear Regulatory Commission. Regulatory Guide 4.15, "Quality Assurance for Radiological Monitoring Programs – Effluent Streams and the Environment." Revision 2, July 2007. ADAMS Accession No. ML071790506.		Publicly Available	Yes 6/19/2012	Topic 6
NRC078	NRC078-00-BD01	U.S. Nuclear Regulatory Commission. Regulatory Guide 4.16, "Monitoring and Reporting Radioactivity in Releases of Radioactive Materials in Liquid and Gaseous Effluent from Nuclear Fuel Processing and Fabrication Plants and Uranium Hexafluoride Production Plants." Revision 2, December 2010. ADAMS Accession No. ML101720291.		Publicly Available	Yes 6/19/2012	Topic 6



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NRC079	NRC079-00-BD01	U.S. Nuclear Regulatory Commission. Regulatory Guide 8.37, "ALARA Levels For Effluents From Materials Facilities." July 1993. ADAMS Accession No. ML003739553.		Publicly Available	Yes 6/19/2012	Topic 6
NRC080	NRC080-00-BD01	U.S. Nuclear Regulatory Commission. NUREG-1302, "Offsite Dose Calculation Manual Guidance: Standard Radiological Effluent Controls for Boiling Water Reactors." April 1991. ADAMS Accession No. ML091050059. (Excerpt)		Publicly Available	Yes 6/19/2012	Topic 6
NRC081	NRC081-00-BD01	U.S. Nuclear Regulatory Commission. NRC Inspection Manual Chapter 2600, "Fuel Cycle Facility Operational Safety and Safeguards Inspection Program." January 27, 2010. ADAMS Accession No. ML093420698.		Publicly Available	Yes 6/19/2012	ASLB Questions Topic 6
NRC082	NRC082-00-BD01	U.S. Nuclear Regulatory Commission. NRC Inspection Procedure 88030, "Radiation Protection." July 28, 2006. ADAMS Accession No. ML061710070.		Publicly Available	Yes 6/19/2012	Topic 6
NRC083	NRC083-00-BD01	U.S. Nuclear Regulatory Commission. NRC Inspection Procedure 88045, "Effluent Control and Environmental Protection." September 5, 2006. ADAMS Accession No. ML061940431.		Publicly Available	Yes 6/19/2012	Topic 6
NRC084	NRC084-00-BD01	U.S. Nuclear Regulatory Commission. NRC Inspection Procedure 88035, "Radioactive Waste Management." September 25, 2006. ADAMS Accession No. ML061940409.		Publicly Available	Yes 6/19/2012	Topic 6
NRC085	NRC085-00-BD01	U.S. Nuclear Regulatory Commission. NUREG-0711, "Human Factors Engineering Program Review Model," Rev. 2, February 2004. ADAMS Accession No. ML040770540.		Publicly Available	Yes 6/22/2012	ASLB Questions

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NRC086	NRC086-00-BD01	NRC Regulatory Guide 3.74, "Guide for Fuel Cycle Facility Change Processes." January, 2012. ADAMS Accession No. ML100890016.		Publicly Available	Yes 6/22/2012	ASLB Questions
NRC087	NRC087-00-BD01	U.S. Nuclear Regulatory Commission. Draft Regulatory Guide DR-3037, "Guide for Fuel Cycle Facility Change Processes." July 2011. ADAMS Accession No. ML110960051.		Publicly Available	Yes 6/22/2012	ASLB Questions
NRC088	NRC088-00-BD01	U.S. Nuclear Regulatory Commission. NUREG-1951, "Safety Evaluation Report for the Eagle Rock Enrichment Facility in Bonneville County, Idaho." September 2010. ADAMS Accession No. ML102710296.	<b>ADAMS Title:</b> NUREG-1951, "Safety Evaluation Report for the Eagle Rock Enrichment Facility in Bonneville County, Idaho."	Publicly Available	No	ASLB Questions
NRC089	NRC089-00-BD01	U.S. Nuclear Regulatory Commission. Regulatory Guide 1.76, "Design Basis Tornado and Tornado Missiles for Nuclear Power Plants," Rev. 1, March 2007. ADAMS Accession No. ML070360253. (Excerpt).		Publicly Available	Yes 6/22/2012	ASLB Questions
NRC090	NRC090-00-BD01	Maine Geological Survey, Department of Conservation. "Tsunamis in the Atlantic Ocean." <a href="http://www.maine.gov/doc/nrimc/mgs/exploration/hazards/tsunami/jan05.htm">http://www.maine.gov/doc/nrimc/mgs/exploration/hazards/tsunami/jan05.htm</a> (accessed April 11, 2012). (Excerpt)		Publicly Available	Yes 6/22/2012	ASLB Questions
NRC091	NRC091-00-BD01	NOAA. National Geophysical Data Center, "Tsunami Runups." <a href="http://www.ngdc.noaa.gov/nndc/struts/results?EQ_0=5413&amp;t=101650&amp;s=9&amp;d=92,183&amp;nd=display">http://www.ngdc.noaa.gov/nndc/struts/results?EQ_0=5413&amp;t=101650&amp;s=9&amp;d=92,183&amp;nd=display</a> (accessed April 9, 2012). (Excerpt)		Publicly Available	Yes 6/22/2012	ASLB Questions

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NRC092	NRC092-00-BD01	NOAA. National Geophysical Data Center, "Tsunami Runups." <a href="http://www.ngdc.noaa.gov/nndc/struts/results?EQ_0=2439&amp;t=101650&amp;s=9&amp;d=92,183&amp;nd=display">http://www.ngdc.noaa.gov/nndc/struts/results?EQ_0=2439&amp;t=101650&amp;s=9&amp;d=92,183&amp;nd=display</a> (accessed April 9, 2012). (Excerpt)		Publicly Available	Yes 6/22/2012	ASLB Questions
NRC093	NRC093-00-BD01	U.S. Nuclear Regulatory Commission. NUREG/CR-6966, "Tsunami Hazard Assessment at Nuclear Power Plant Sites in the United States of America – Final Report." March 2009. ADAMS Accession No. ML091590193. (Excerpt)		Publicly Available	Yes 6/22/2012	ASLB Questions
NRC094	NRC094-00-BD01	USGS. "Could a tsunami such as the one that affected the Indian Ocean on December, 26, 2004 happen in the United States?" <a href="http://earthquake.usgs.gov/learn/topics/canit.php#east_coast">http://earthquake.usgs.gov/learn/topics/canit.php#east_coast</a> . October 31, 2011. (Excerpt)		Publicly Available	Yes 6/22/2012	ASLB Questions
NRC095	NRC095-00-BD01	Barber et al., "Investigation of Breached Depleted UF6 Cylinders," POEF-2086, ORNL/TM-11988, Oak Ridge National Laboratory, 1991.		Publicly Available	Yes 6/22/2012	ASLB Questions
NRC096	NRC096-00-BD01	U.S. Nuclear Regulatory Commission. NUREG-1851, "Safety Evaluation Report for the American Centrifuge Plant in Piketon, Ohio." September 2006. ADAMS Accession No. ML062700087.	<b>ADAMS Title:</b> NUREG-1851 "Safety Evaluation Report for the American Centrifuge Plant in Piketon, Ohio."	Publicly Available	No	ASLB Questions
NRC097	NRC097-00-BD01	U.S. Nuclear Regulatory Commission. NUREG-1827, "Safety Evaluation Report for the National Enrichment Facility in Lea County, New Mexico." June 2005. ADAMS Accession No. ML051780290.	<b>ADAMS Title:</b> NUREG-1827, Safety Evaluation Report for the National Enrichment Facility in Lea County, New Mexico.	Publicly Available	No	ASLB Questions (PUBLIC and NON-PUBLIC)

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Staff Exhibit #	Official Exhibit #	NRC Staff's Exhibit Name/Description	Additional Information	Availability	EIE Filing (Y/N) Date Docketed	Witness/Panel
NRC098	NRC098-00-BD01	U.S. Nuclear Regulatory Commission. NUREG/CR-1278, "Handbook of Human Reliability Analysis with Emphasis on Nuclear Power Plant Applications." August 1983. ADAMS Accession No. ML071210299.	<b>ADAMS Title:</b> NUREG/CR-1278, "Handbook of Human Reliability Analysis with Emphasis on Nuclear Power Plant Applications - Final Report."	Publicly Available	No	ASLB Questions
NRC099	NRC099-00-BD01	U.S. Nuclear Regulatory Commission. NUREG-1140, "A Regulatory Analysis on Emergency Preparedness for Fuel Cycle and Other Radioactive Material Licensees." January 1988. ADAMS Accession No. ML062020791.		Publicly Available	Yes 6/22/2012	ASLB Questions
NRC100	NRC100-00-BD01	DOE. DOE-STD-3014, "Accident Analysis for Aircraft Crash into Hazardous Facilities." May 2006. (Excerpt)		Publicly Available	Yes 6/22/2012	ASLB Questions (NON-PUBLIC)
NRC101	NRC101-00-BD01	U.S. Nuclear Regulatory Commission. NUREG-0800, "Standard Review Plan for the Review of Safety Analysis Reports for Nuclear Power Plants: LWR Edition," March 2007. Section 3.5.1.6, "Aircraft Hazards." ADAMS Accession No. ML070510639.		Publicly Available	Yes 6/22/2012	ASLB Questions (NON-PUBLIC)
NRC102	NRC102-00-BD01	Fire Hazards Analysis for the GE-Hitachi Global Laser Enrichment LLC Commercial Facility, NEDE-33452P, Rev 2, Class II, November 19, 2010. Sections 2.3.6 and 5.1.4.5. <b>[NON-PUBLIC – ECI]</b> (Previously provided to the Board)	Not available in ADAMS or EHD  Contact the Office the Secretary for Additional Information	Non-Publicly Available \ Security-Related, Proprietary, Export-Controlled	No	ASLB Questions (NON-PUBLIC)
NRC103	NRC103-00-BD01	McLaughlin et al., "A Review of Criticality Accidents." LA-13638, Los Alamos National Laboratory, May 2000. ADAMS Accession No. ML003731912.		Publicly Available	Yes 6/22/2012	ASLB Questions (NON-PUBLIC)

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Staff Exhibit #	Official Exhibit #	NRC Staff's Exhibit Name/Description	Additional Information	Availability	EIE Filing (Y/N) Date Docketed	Witness/Panel
NRC104	NRC104-00-BD01	GE-Hitachi Global Laser Enrichment LLC. Letter from A.E. Kennedy (GE-Hitachi Global Laser Enrichment LLC) to B. Smith (U.S. Nuclear Regulatory Commission). "Subject: Response to Request for Additional Information Dated November 19, 2009 for Global Laser Enrichment License Application – Public Responses." December 28, 2009. ADAMS Accession Nos. ML093620823 and ML093620841.		Publicly Available	Yes 6/22/2012	ASLB Questions
NRC105 was submitted as follows:		AREVA Enrichment Services, LLC. "Eagle Rock Enrichment Facility Environmental Report, Rev. 2." Bethesda, Maryland. April 2010. ADAMS Accession No. ML101610549.	<p><b>ADAMS Package Title:</b> AREVA Enrichment Services LLC- Eagle Rock License Application Revision 2</p> <p><b>ADAMS Package Number:</b> ML101610549</p> <p>Per NRC Staff, only two documents contained in ADAMS Package ML101610549 are applicable.</p> <p>As such NRC105 is replaced with Exhibits NRC105A and NRC105B per NRC Staff</p>	Publicly Available (Package)	No	ASLB Questions
NRC105A	NRC105A-00-BD01		<p><b>ADAMS Title:</b> Eagle Rock Enrichment Facility - Environmental Report Rev. 2, Chapter 3 - Description of Affected Environment, Figure 3.6-11 - EBR April Wind Rose (10 Meters/33 Feet) thru Page 3.12-20.</p> <p><b>ADAMS Accession Number:</b> ML101320502</p>	Publicly Available	No	ASLB Questions

**GE-Hitachi Global Laser Enrichment, LLC.  
NRC Staff Exhibit List**

Staff Exhibit #	Official Exhibit #	NRC Staff's Exhibit Name/Description	Additional Information	Availability	EIE Filing (Y/N) Date Docketed	Witness/Panel
NRC105B	NRC105B-00-BD01		<b>ADAMS Title:</b> Eagle Rock Enrichment Facility - Environmental Report Rev. 2, Chapter 4 - Table of Contents - Environmental Impacts - Page 4.0-1 thru 4.13-15.  <b>ADAMS Accession Number:</b> ML101320503	Publicly Available	No	ASLB Questions
NRC106	NRC106-00-BD01	Memorandum from Barry Zalzman, Senior Project Manager, to H. Brent Clayton, Branch Chief, "Subject: Supplemental Staff Guidance to NUREG 1555, 'Environmental Standard Review Plan,' (ESRP) for Consideration of the Effects of Greenhouse Gases and of Climate Change." April 8, 2010. ADAMS Accession No. ML100990185.		Publicly Available	Yes 6/22/2012	ASLB Questions
NRC107	NRC107-00-BD01	Research Triangle Institute. "2006-2007 Report of Organic Compounds in Groundwater, General Electric/Global Nuclear Fuel Site Wilmington, North Carolina." RTI Project No. 0600002.000.003. December 2008. ADAMS Accession No. ML091820023.	<b>ADAMS Title:</b> 2006-2007 Report of Organic Compounds in Groundwater General Electric/Global Nuclear Fuel Site Wilmington, North Carolina.	Publicly Available	No	ASLB Questions
NRC108 was submitted as follows:		U.S. Nuclear Regulatory Commission. NUREG-1945, "Environmental Impact Statement for the Proposed Eagle Rock Enrichment Facility in Bonneville County, Idaho, Final Report." February 2011. ADAMS Accession Nos. Vol. 1 – ML11014A005, Vol. 2 – ML11014A006.	NRC108 is replaced with Exhibits NRC108A and NRC108B	Publicly Available	No	ASLB Questions

**GE-Hitachi Global Laser Enrichment, LLC.  
NRC Staff Exhibit List**

Staff Exhibit #	Official Exhibit #	NRC Staff's Exhibit Name/Description	Additional Information	Availability	EIE Filing (Y/N) Date Docketed	Witness/Panel
NRC108A	NRC108A-00-BD01		<b>ADAMS Title:</b> NUREG-1945, Vol 1, "Environmental Impact Statement for the Proposed Eagle Rock Enrichment Facility in Bonneville County, Idaho" Final Report, Chapters 1 through 10.  <b>ADAMS Accession Number:</b> ML11014A005	Publicly Available	No	ASLB Questions
NRC108B	NRC108B-00-BD01		<b>ADAMS Title:</b> NUREG-1945, Vol. 2 "Environmental Impact Statement for the Proposed Eagle Rock Enrichment Facility in Bonneville County, Idaho," Final Report, Appendices A through I.  <b>ADAMS Accession Number:</b> ML11014A006	Publicly Available	No	ASLB Questions
NRC109 was submitted as follows:		U.S. Nuclear Regulatory Commission. NUREG-1834, "Environmental Impact Statement for the Proposed American Centrifuge Plant in Piketon, Ohio, Final Report." April 2006. ADAMS Accession Nos. Vol. 1 – ML061250131, Vol. 2 – ML061250101.	NRC109 is replaced with Exhibits NRC109A and NRC109B	Publicly Available	No	ASLB Questions
NRC109A	NRC109A-00-BD01		<b>ADAMS Title</b> NUREG-1834 Vol 1, "Environmental Impact Statement for Proposed American Centrifuge Plant in Piketon, Ohio, Final Report."  <b>ADAMS Accession Number:</b> ML061250131	Publicly Available	No	ASLB Questions
NRC109B	NRC109B-00-BD01		<b>ADAMS Title</b> NUREG-1834, Vol. 2, Environmental Impact Statement for the Proposed American Centrifuge Plant in Piketon, Ohio, Appendices A through K.  <b>ADAMS Accession Number:</b> ML061250101	Publicly Available	No	ASLB Questions

**GE-Hitachi Global Laser Enrichment, LLC.  
NRC Staff Exhibit List**

Staff Exhibit #	Official Exhibit #	NRC Staff's Exhibit Name/Description	Additional Information	Availability	EIE Filing (Y/N) Date Docketed	Witness/Panel
NRC110	NRC110-00-BD01	"NRC Staff Presentation for Topic 1A." June 25, 2012. <b>[NON-PUBLIC – SUNSI (PROPRIETARY and SRI)]</b>		Non-Publicly Available	Yes 6/25/2012	Topic 1A
NRC111	NRC111-00-BD01	"NRC Staff Presentation for Topic 1B." June 25, 2012. <b>[NON-PUBLIC – SUNSI (PROPRIETARY and SRI)]</b>		Non-Publicly Available	Yes 6/25/2012	Topic 1B
NRC112	NRC112-00-BD01	"NRC Staff Presentation for Topic 2." June 25, 2012.		Publicly Available	Yes 6/25/2012	Topic 2
NRC113	NRC113-00-BD01	"NRC Staff Presentation for Topic 3." June 25, 2012.		Publicly Available	Yes 6/25/2012	Topic 3
NRC114	NRC114-00-BD01	"NRC Staff Presentation for Topic 4." June 25, 2012.		Publicly Available	Yes 6/25/2012	Topic 4
NRC115	NRC115-00-BD01	"NRC Staff Presentation for Topic 5." June 25, 2012.		Publicly Available	Yes 6/25/2012	Topic 5
NRC116	NRC116-00-BD01	"NRC Staff Presentation for Topic 6." June 25, 2012.		Publicly Available	Yes 6/25/2012	Topic 6
NRC117	NRC117-00-BD01	GE-Hitachi Global Laser Enrichment LLC. "Environmental Report for the GLE Commercial Facility, Revision 0, Appendix U - Private Benefits and Costs of Proposed GLE Facility." December 2008. <b>[NON-PUBLIC – SUNSI (PROPRIETARY)]</b>		Non-Publicly Available	Yes 7/6/2012	Topic 5



**GE-Hitachi Global Laser Enrichment, LLC.  
NRC Staff Exhibit List**

Staff Exhibit #	Official Exhibit #	NRC Staff's Exhibit Name/Description	Additional Information	Availability	EIE Filing (Y/N) Date Docketed	Witness/Panel
NRC118	NRC118-00-BD01		<b>ADAMS Title:</b> NRC Staff Pre-filed Testimony Related to Topic 1A: Criticality Safety.  Board Issued Exhibit Number	Non-Publicly Available	Yes 6/20/2012	
NRC119	NRC119-00-BD01		<b>ADAMS Title:</b> NRC Staff Testimony Related to Topic 1B: Chemical/Radiological Hazards Evaluation.  Board Issued Exhibit Number	Non-Publicly Available	Yes 6/22/2012	
NRC120	NRC120-00-BD01		<b>ADAMS Title:</b> NRC Staff Prefiled Testimony Related to Topic 2: Licensing an Evolving Design.  Board Issued Exhibit Number	Publicly Available	Yes 6/19/2012	
NRC121	NRC121-00-BD01		<b>ADAMS Title:</b> NRC Staff Testimony Related to Topic 3: Safety Impact of External Hazards.  Board Issued Exhibit Number	Publicly Available	Yes 6/22/2012	
NRC122	NRC122-00-BD01		<b>ADAMS Title:</b> NRC Staff Prefiled Testimony Related to Topic 4: Tracking and Implementation of Applicant Commitments.  Board Issued Exhibit Number	Publicly Available	Yes 6/19/2012	
NRC123-R	NRC123-R-00-BD01		<b>ADAMS Title:</b> NRC Staff Testimony Related to Topic 5: Need, Alternatives, and Environmental Cost-Benefit Analysis.  Board Issued Exhibit Number <i>(Note: NRC Staff testimony was not pre-marked. In order to ensure consistency, this exhibit was issued an exhibit number by the board to reflect that it was revised)</i>	Publicly Available	Yes 7/6/2012	

**GE-Hitachi Global Laser Enrichment, LLC.  
NRC Staff Exhibit List**

Staff Exhibit #	Official Exhibit #	NRC Staff's Exhibit Name/Description	Additional Information	Availability	EIE Filing (Y/N) Date Docketed	Witness/Panel
NRC124	NRC124-00-BD01		<b>ADAMS Title:</b> NRC Staff Prefiled Testimony Related to Topic 6: Environmental Monitoring Program.  Board Issued Exhibit Number	Publicly Available	Yes 6/19/2012	

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of

GE-HITACHI GLOBAL LASER  
ENRICHMENT FACILITY LLC  
(GLE Commercial Facility)

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)  
)

Docket No. 70-7016-ML

CERTIFICATE OF SERVICE

I hereby certify that copies of the foregoing ORDER (CONCERNING EVIDENCE ADMITTED DURING THE PROCEEDING) have been served upon the following persons by Electronic Information Exchange.

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GE-HITACHI GLOBAL LASER ENRICHMENT FACILITY LLC  
DOCKET NO. 70-7016-ML  
ORDER (CONCERNING EVIDENCE ADMITTED DURING THE PROCEEDING)

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[Original signed by Evangeline S. Ngbea]  
Office of the Secretary of the Commission

Dated at Rockville, Maryland  
this 18<sup>th</sup> day of July 2012