

Louisiana Energy Services, L.P., Docket No. 70-3103-ML
October 2005 Evidentiary Hearing on Environmental/Technical Contentions
NIRS/PC Exhibits

Party Exh. #	Witness/ Panel	Description	Marked for ID	Offered in Evidence	ACTION:		
					Adm.	Rej.	Wdrn.
85	Makhijani (Deconversion)	U.S. NRC. "10 CFR parts 2, 19, 20, 21, 30, 40, 51, 61, 70, 73, and 170: Licensing requirements for land disposal of radioactive waste. Final Rule." 47 Fed. Reg. 57446-57447 (Dec. 27, 1982)	10/25/05 Tr. 2337	10/25/05 Tr. 2352	X		
86	Krich, Potter (Disposal)	46 Fed. Reg. 38,081, 38,081-105, "10 CFR Parts 2, 19, 20, 21, 30, 40, 51, 61, 70, 73, and 170: Licensing Requirements for Land Disposal of Radioactive Waste," Proposed Rule (July 24, 1981)	10/26/05 Tr. 2735	10/26/05 Tr. 2741	X		
96	Makhijani (Deconversion)	Zackary Moss. <i>British Government Set to Underwrite Nuclear Liabilities.</i> (Jan. 20, 2003) Bellona Foundation. http://www.bellona.no/en/energy/nuclera/28002.html	10/25/05 Tr. 2338	Rejected per Nov. 3, 2005 Licensing Board Order		X	
98	Makhijani (Deconversion)	Cleaver and Freeze, <i>Chronology of International Monetary Affairs.</i> http://www.eco.utexas.edu/Homepages/Faculty/Cleaver/357Lmoneychrono.html	10/25/05 Tr. 2338	Rejected per Nov. 3, 2005 Licensing Board Order		X	
99	Makhijani (Deconversion)	Craft, et. Al. "Depleted and Natural Uranium: Chemistry and Toxicological Effects" <i>Journal of Toxicology and Environmental Health</i> , Part B, v. 7, at 297-317 (2004)	10/25/05 Tr. 2338	10/25/05 Tr. 2352	X		
100	Makhijani (Deconversion)	Deposition of Chater, Duperret, Fisk, Krich, Pratt, Schneider, Schwartz and Steyn. Oct. 4, 2004. [PROPRIETARY]	10/25/05 Tr. 2339	10/25/05 Tr. 2352	X		
109	Makhijani (Deconversion)	US EPA, "Waste Characterization Program Documents Applicable to Transuranic Radioactive Waste From the Hanford Site for Disposal at the Waste Isolation Pilot Plant," 66 Fed. Reg. 59208-59209 (Nov. 27, 2001)	10/25/05 Tr. 2339	10/25/05 Tr. 2352	X		

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111	Makhijani (Deconversion)	Eckerman, et al., <i>Cancer Risk Coefficients for Environmental Exposure to Radionuclides: Radionuclide-Specific Lifetime Radiogenic Cancer Risk Coefficients for the U.S. Population, Based on Age-Dependent Intake, Dosimetry, and Risk Models</i> . Sept. 1999.	10/25/05 Tr. 2339	10/25/05 Tr. 2352	X		
117	Krich, Compton, Harding, Schneider (Deconversion)	U.S. DOE. Hertzler, et al., <i>Depleted Uranium Disposal Options Evaluation</i> (May 1994).	10/24/05 Tr. 1943	10/24/05 Tr. 2053	X		
122	Makhijani (Deconversion)	International Commission on Radiological Protection, <i>Radiation Protection as Applied to the Disposal of Long-Lived Solid Radioactive Waste</i> , Annals of the ICRP (1998)	10/25/05 Tr. 2340	10/25/05 Tr. 2352	X		
128	Makhijani (Deconversion)	Letter from M.W. Kozak, et al., to F.W. Ross, NRC, "Performance Assessment of the Proposed Disposal of Depleted Uranium as Class A Low-Level Waste" (Dec. 16, 1992).	10/25/05 Tr. 2340	10/25/05 Tr. 2352	X		
131	Krich, Compton, Harding, Schneider (Deconversion)	Lemons, et al., "The Ultimate Disposition of Depleted Uranium" (Dec. 1990)	10/24/05 Tr. 1884	10/24/05 Tr. 2053	X		
133	Krich, Compton, Harding, Schneider (Deconversion)	NEF ER, Chapter 4, Rev. 2 (July 2004)	10/24/05 Tr. 1890	10/24/05 Tr. 2053	X		
134	Makhijani (Deconversion)	NEF Information Sheet, "Uranium Hexafluoride Deconversion and Disposal in the United States" (Jan. 19, 2004).	10/25/05 Tr. 2340	10/25/05 Tr. 2352	X		
150	Makhijani (Deconversion)	National Research Council, "Affordable Cleanup? Opportunities for Cost Reduction in the Decontamination and Decommissioning of the Nation's Uranium Enrichment Facilities" (1996).	10/25/05 Tr. 2341	10/25/05 Tr. 2352	X		

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151	Makhijani (Deconversion)	National Research Council, "Improving the Scientific Basis for Managing DOE's Excess Nuclear Materials and Spent Nuclear Fuel" (2003).	10/25/05 Tr. 2341	10/25/05 Tr. 2352	X		
152	Makhijani (Deconversion)	<i>Draft Environmental Impact Statement for the Proposed National Enrichment Facility in Lea County, New Mexico</i> , NUREG-1790, September 2004.	10/25/05 Tr. 2342	10/25/05 Tr. 2352	X		
168	Makhijani (Deconversion)	NUREG-0782, Vol. 4 "Draft Environmental Impact Assessment on 10 CFR 61, 'Licensing Requirements for Land Disposal of Radioactive Waste,'" App. G-Q (Sept. 1981)	10/25/05 Tr. 2342	10/25/05 Tr. 2352	X		
169	Makhijani (Deconversion)	NUREG-0945, Vol. 1, "Final Environmental Impact Assessment on 10 CFR 61, 'Licensing Requirements for Land Disposal of Radioactive Waste,'" Summary and Main Report (Nov. 1982)	10/25/05 Tr. 2342	10/25/05 Tr. 2352	X		
170	Krich, Potter (Disposal)	R.D. Baird, et al., "Evaluation of the Potential Public Health Impacts Associated with Radioactive Waste Disposal at a Site Near Clive, Utah" (June 1990).	10/26/05 Tr. 2715	10/26/05 Tr. 2716	X		
171	Makhijani (Disposal)	R.D. Baird, et al., "Additional Radionuclide Concentration Limits for the NORM Disposal Site at Clive, Utah" (Aug. 1990).	10/27/05 Tr. 3091	10/27/05 Tr. 3091	X		
185	Makhijani (Deconversion)	IAEA, "Scientific and Technical Basis for the Geologic Disposal of Radioactive Wastes" (Feb. 2003)	10/25/05 Tr. 2343	10/25/05 Tr. 2352	X		
186	Makhijani (Deconversion)	Joint Report by OECD Nuclear Energy Agency and IAEA, "Management of Depleted Uranium" (2001)	10/25/05 Tr. 2343	10/25/05 Tr. 2352	X		
187	Krich (Transportation)	Letter from R.M. Krich, LES, to NRC "Clarifying Information Related to Depleted UF6 Disposition Costs and Request for License Condition (Mar. 29, 2005)	10/26/05 Tr. 2474	10/26/05 Tr. 2474	X		

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188	Makhijani (Deconversion)	Letter to Director, NMSS, NRC from R.M. Krich, LES, "Clarifying Information Related to Depleted UF6 Disposition Costs and Application for Withholding Information from Public Disclosure" (Apr. 8, 2005)	10/25/05 Tr. 2343	10/25/05 Tr. 2352	X		
190	Makhijani (Deconversion)	Makhijani and Smith, "Costs and Risks of Management and Disposal of Depleted Uranium from the [NEF] Proposed to be Built in Lea County New Mexico by LES" (Nov. 24, 2004) [PROPRIETARY]	10/25/05 Tr. 2344	10/25/05 Tr. 2352	X		
191	Makhijani (Deconversion)	<i>Final Environmental Impact Statement for the Proposed National Enrichment Facility in Lea County, New Mexico</i> , NUREG-1790, Ch. 1-10 and App. A-G, June 2005.	10/25/05 Tr. 2343	10/25/05 Tr. 2352	X		
193	Makhijani (Deconversion)	Taylor, "Disposition of Depleted Uranium Tails from Enrichment Plants" (Jan. 25, 1991).	10/25/05 Tr. 2344	10/25/05 Tr. 2352	X		
195	Makhijani (Deconversion)	<u>Louisiana Energy Services, L.P.</u> (National Enrichment Facility), CLI-05-05 (Jan. 18, 2005).	10/25/05 Tr. 2344	10/25/05 Tr. 2352	X		
201	Makhijani (Deconversion)	Yu et al., "Data Collection Handbook to Support Modeling Impacts of Radioactive Material in Soil" (Apr. 1993).	10/25/05 Tr. 2345	10/25/05 Tr. 2352	X		
203	Makhijani (Deconversion)	NUREG-1834, <i>Draft Environmental Impact Statement for the Proposed American Centrifuge Plant in Piketon, Ohio</i> (Aug. 2005).	10/25/05 Tr. 2345	10/25/05 Tr. 2352	X		
204	Makhijani (Deconversion)	<u>Louisiana Energy Services, L.P.</u> (National Enrichment Facility), Licensing Board Memorandum and Order (Ruling on Motion to Admit Late-Filed Amended and Supplemental Contentions) (Aug. 4, 2005) (unpublished)	10/25/05 Tr. 2345	10/25/05 Tr. 2352	X		
205	Makhijani (Deconversion)	<u>Louisiana Energy Services, L.P.</u> (Claiborne Enrichment Center), LBP-97-3, 45 NRC 99 (1997).	10/25/05 Tr. 2346	10/25/05 Tr. 2352	X		

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206	Makhijani (Deconversion)	<u>Louisiana Energy Services, L.P.</u> (National Enrichment Facility), Licensing Board Memorandum and Order (Ruling on NIRS/PC Late-Filed Contention Amendments) (June 30, 2005) (unpublished).	10/25/05 Tr. 2345	10/25/05 Tr. 2352	X		
221	Makhijani (Deconversion)	"Applicant's Objections and Responses to [NIRS/PC]'s Second Supplemental Interrogatories and Document Request" (Aug. 11, 2005) [PROPRIETARY]	10/25/05 Tr. 2345	10/25/05 Tr. 2352	X		
222	Makhijani (Disposal)	NEF SAR, Rev. 2 (July 2004)	10/27/05 Tr. 2971	10/27/05 Tr. 2973	X		
224	Makhijani (Deconversion)	Makhijani and Smith, "Update to Costs and Risks of Management and Disposal of Depleted Uranium from the [NEF] Proposed to be Built in Lea County New Mexico by LES" (July 5, 2005) [PROPRIETARY]	10/25/05 Tr. 2347	10/25/05 Tr. 2352	X		
226	Makhijani (Transportation)	Deposition of Rod Krich (Aug. 26, 2005)	10/26/05 Tr. 2518	10/26/05 Tr. 2518	X		
229	Krich, Compton, Harding, Schneider (Deconversion)	Deposition of Compton, Duperret, Harding, Krich, and Schneider (Sept. 2, 2005) [PROPRIETARY]	10/24/05 Tr. 1914	10/24/05 Tr. 2053	X		
231	Krich, Compton, Harding, Schneider (Deconversion)	Letter from F. Shallo, Cogema, to W. Howard Arnold, LES (Feb. 22, 1995)	10/24/05 Tr. 1883	10/24/05 Tr. 2053	X		
233	Krich, Compton, Harding, Schneider (Deconversion)	Fax transmission from P. Harding, Urenco, to J. Ferland, LES (July 16, 2004) [PROPRIETARY]	10/24/05 Tr. 1937A	10/24/05 Tr. 2053	X		

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236	Krich, Compton, Harding, Schneider (Deconversion)	Parameter sheets prepared by Leslie Compton, LES [PROPRIETARY]	10/24/05 Tr. 2037	10/24/05 Tr. 2053	X		
237	Krich, Compton, Harding, Schneider (Deconversion)	Email from A. Brown, Urenco, to Chris Chater, Urenco (June 2, 2004) [PROPRIETARY]	10/24/05 Tr. 1896	10/24/05 Tr. 2053	X		
242	Krich (Transportation)	Email from R. Fisk, TLI, to R. Krich, LES, with handwritten notations (Dec. 2, 2004) [PROPRIETARY]	10/26/05 Tr. 2470	10/26/05 Tr. 2470	X		
243	Krich, Potter (Disposal)	Excerpts from Deposition of Krich and Potter (Aug. 30, 2005)	10/27/05 Tr. 3092	10/27/05 Tr. 3092	X		
247	Johnson, Park, Mayer, Dean, Palmrose (Disposal)	Letter from R. Bernero, NRC, to C.E. Bradley, DOE (Jan. 3, 1995)	10/27/05 Tr. 2936	10/27/05 Tr. 2936	X		
248	Johnson, Park, Mayer, Dean, Palmrose (Disposal)	Letter from E. Leeds, NRS, to Depleted Uranium Hexafluoride Management, DOE (Oct. 18, 2000)	10/27/05 Tr. 2942	10/27/05 Tr. 2942	X		
249	Krich, Compton, Harding, Schneider (Deconversion)	NUREG-1757, Consolidated NMSS Decommissioning Guidance, pp. 4-1 to 4-15.	10/24/05 Tr. 1854	10/24/05 Tr. 2053	X		
252	Krich, Potter (Disposal)	Memo from T. Johnson, NRC Staff, to J. Gitter (Apr. 11, 2005)	10/26/05 Tr. 2790	10/26/05 Tr. 2790	X		

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256	Johnson, Park, Mayer, Dean, Palmrose (Disposal)	Letter from J. Hickey, NRC, to W.H. Arnold, LES (Sept. 22, 1992)	10/27/05 Tr. 2931	10/27/05 Tr. 2931	X		
257	Krich, Potter (Disposal)	"Assessment of Preferred Depleted Uranium Disposal Forms," Oak Ridge National Lab (June 2000)	10/26/05 Tr. 2725	10/26/05 Tr. 2728	X		
259	Makhijani (Disposal)	State of Utah, Division of Administrative Rules, "Rule R313-15 - Standards for Protection Against Radiation" (effective July 1, 2005)	10/27/05 Tr. 2971	10/27/05 Tr. 2973	X		
260	Makhijani (Disposal)	State of Washington, Administrative Code, "Radioactive Waste – Use of the Commercial Disposal Site" (updated Apr. 22, 1998)	10/27/05 Tr. 2972	10/27/05 Tr. 2973	X		
262	Krich, Compton, Harding, Schneider (Deconversion)	<u>Louisiana Energy Services, L.P.</u> (National Enrichment Facility), Licensing Board Memorandum and Order (Approving Settlement Agreement and Accepting Withdrawal of Parties) (Aug. 12, 2005) (unpublished).	10/24/05 Tr. 1863	10/24/05 Tr. 2053	X		
263	Makhijani (Disposal)	<u>Louisiana Energy Services, L.P.</u> (Claiborne Enrichment Center), Licensing Board Memorandum and Order, 1995 WL 110611 (Mar. 2, 1995) (unpublished).	10/27/05 Tr. 2972	10/27/05 Tr. 2973	X		
264	Makhijani (Contingency)	NUREG-1350, Vol. 17, "Information Digest 2005-2006 Edition" (July 2005).	10/27/05 Tr. 3153	10/27/05 Tr. 3154	X		
269	Krich, Compton, Harding, Schneider (Deconversion)	Testimony of LeRoy & Dekker on Behalf of LES Addressing Contention B, Decommissioning Plan Deficiencies, and Contention J3, Assessment of Decommissioning Costs Under NEPA	10/24/05 Tr. 1884	10/24/05 Tr. 2053	X		
270	Krich, Compton, Harding, Schneider (Deconversion)	Email from C. Andrews, Urenco, to R. Krich, LES (Jan. 9, 2003) [PROPRIETARY]	10/24/05 Tr. 1896	10/24/05 Tr. 2053	X		

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271	Krich, Compton, Harding, Schneider (Deconversion)	Letter from J.R. Curtiss, Counsel for LES, to Counsel for NRC Staff and Intervenors NIRS/PC (Sept. 20, 2005) [PROPRIETARY]	10/24/05 Tr. 1896	10/24/05 Tr. 2053	X		
272	Krich, Compton, Harding, Schneider (Deconversion)	New Mexico Solid Waste Management Regulations	10/24/05 Tr. 1953	10/24/05 Tr. 2053	X		
273	Krich, Potter (Disposal)	Croff, et al., "Evaluation of the Acceptability of Potential Depleted Uranium Hexafluoride Conversion Products at the Envirocare Disposal Site" (Dec. 2000)	10/26/05 Tr. 2718	10/26/05 Tr. 2728	X		
274	Krich, Potter (Disposal)	NUREG-0782, "Draft Environmental Impact Statement on 10 CFR Part 61, Licensing Requirements for Land Disposal of Radioactive Waste," vol. 1 (Sept. 1981)	10/26/05 Tr. 2733	10/26/05 Tr. 2741	X		
275	Krich, Potter (Disposal)	NUREG-0782, "Draft Environmental Impact Statement on 10 CFR Part 61, Licensing Requirements for Land Disposal of Radioactive Waste," vol. 2 (Sept. 1981)	10/26/05 Tr. 2733	10/26/05 Tr. 2741	X		
276	Krich, Potter (Disposal)	NUREG-0782, "Draft Environmental Impact Statement on 10 CFR Part 61, Licensing Requirements for Land Disposal of Radioactive Waste," vol. 3, at D-7 (Sept. 1981)	10/26/05 Tr. 2768	Admitted per Nov. 29, 2005 Licensing Board Order	X		
277	Johnson, Park, Mayer, Dean, Palmrose (Disposal)	Memo to R.E. Cunningham, NMSS, from R.L. Bangart, NMSS, Regarding Disposition of Depleted Uranium from Louisiana Energy Services License Application (Jan. 12, 1993)	10/27/05 Tr. 2933	10/27/05 Tr. 2934	X		
278	Makhijani (Disposal)	"Bulk Uranium Waste Disposal Raises Questions with Enviros, Regulators," Daily Herald (Oct. 26, 2005)	10/27/05 Tr. 3063	10/27/05 Tr. 3064	X		

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December 21, 2005 (3:30pm)

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