

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

Party Exh. #	Witness/ Panel	Description	Marked for ID (date/pg)	Offered in Evid. (date/pg)	ACTION:		
					Adm.	Rej.	Wdrn.
3	Rice	Bouwer, H., 1978, <i>Groundwater Hydrology</i> , pp. 128-31.	02/07/05 Tr. 827	02/07/05 Tr. 838	X		
5	Rice	Cook-Joyce Inc., 2004a, <i>Section VI, Geology Report</i> , August 2004, prepared for Waste Control Specialists LLC, Andrews Texas.	02/07/05 Tr. 828	02/07/05 Tr. 838	X		
6	Rice	Davis, S.N., and R.J.M. DeWiest, 1966, <i>Hydrogeology</i> , pp. 164-65.	02/07/05 Tr. 828	02/07/05 Tr. 838	X		
7	Rice	DOE, 2000a, <i>Yucca Mountain Project, Unsaturated PMR and Associated AMRs, Conceptual and Numerical Models of UZ Flow and Transport</i> , March 2000, MDL-NBS-HS-000005 Rev00, U0030, URL: http://www.ocrwm.doe.gov/documents/amr/23353/23353.pdf#search='NBSHS000005%20Rev00,%20U0030' .	02/07/05 Tr. 828	02/07/05 Tr. 838	X		
8	Rice	Dutton, A.R., 1995. <i>Groundwater Isotopic Evidence for Paleorecharge in US High Plains Aquifers</i> . Quatern. Res, 43, 221±231.	02/07/05 Tr. 829	02/07/05 Tr. 838	X		
10	Toblin	EPA, 1994a, <i>The Hydrologic Evaluation of Landfill Performance (HELP) Model, User's Guide for Version 3</i> , EPA/600/R-94/168a, September 1994, URL: http://www.wes.army.mil/el/elmodels/ (Note: User's Guide contained in compressed file to be downloaded with model (zhelp3p.exe)).	02/07/05 Tr. 715	02/07/05 Tr. 764	X		

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					Adm.	Rej.	Wdrn.
11	Rice	EPA, 1994b, <i>Slug Tests</i> , SOP# 2046, October 3, 1994, URL: http://www.westonrst2.com/sop/2046.pdf#search='epa%20slug%20test' .	02/07/05 Tr. 829	02/07/05 Tr. 838	X		
12	Rice	EPA, 2003a, <i>EPA's Composite Model for Leachate Migration with Transformation Products (EPACMTP), Parameters/Data Background Document</i> , April 2003, URL: http://www.epa.gov/epaoswer/non-hw/industd/tools/cmtp/epacmtp.htm	02/07/05 Tr. 829	02/07/05 Tr. 838	X		
13	Rice	EPA, 2004a, <i>Survey of Technologies for Monitoring Containment Liners and Covers</i> , EPA 542-R-04-013, June 2004, URL: http://www.epa.gov/tio/download/char/epa542r04013.pdf .	02/07/05 Tr. 829	02/07/05 Tr. 838	X		
14	Rice	Freeze, R.A., and Cherry, J.A., 1979, <i>Groundwater</i> , pp. 29, 37.	02/07/05 Tr. 830	02/07/05 Tr. 838	X		
15	Rice	G.L. Environmental Inc., 2004, <i>Comments on New Mexico Ground Water Discharge Permit</i> , attached to an email sent to George Harper, April 6, 2004.	02/07/05 Tr. 830	02/07/05 Tr. 838	X		
16	Rice	Hach Company, 2004, <i>Chemical Oxygen Demand</i> , Technical Information Series, Booklet No. 9, URL: http://www.hach.com/hc/static.template/templateName=HcLearningLibrary .	02/07/05 Tr. 830	02/07/05 Tr. 838	X		
17	Harper, Peery	Harper, G., and R. Peery, 2004a, transcript of deposition taken on September 17, 2004.	02/07/05 Tr. 606	02/07/05 Tr. 647	X		

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18	Rice	Hillel, D., 1971, <i>Soil and Water</i> , pp. 131-33.	02/07/05 Tr. 831	02/07/05 Tr. 838	X		
20	Rice	IUPAC, 1997, <i>Compendium of Chemical Terminology</i> , 2nd Edition, URL: http://www.iupac.org/goldbook/B00653.pdf .	02/07/05 Tr. 831	02/07/05 Tr. 838	X		
21	Rice	Krich, R.M., G.R. Campbell, R.L. Peery, LR. Stokes, and T. Woomer, 2004a, transcript of deposition taken on September 17, 2004.	02/07/05 Tr. 831	02/07/05 Tr. 838	X		
23	Rice	Langman, J. B., F. E. Gebhardt, and S. E. Faulk, 2004, <i>Ground-Water Hydrology and Water Quality of the Southern High Plains Aquifer, Melrose Air Force Range, Cannon Air Force Base, Curry and Roosevelt Counties, New Mexico, 2002-2003</i> , USGS Scientific Investigations Report 2004-5158, URL: http://water.usgs.gov/pubs/sir/2004/5158/ .	02/07/05 Tr. 832	02/07/05 Tr. 838	X		
25	Rice	Linsley, R.K., Kohler, M.A., and Paulhus, J.L.H., 1958; <i>Hydrology for Engineers</i> , pp. 128-33.	02/07/05 Tr. 832	02/07/05 Tr. 838	X		
29	Rice	Louisiana Energy Services, 2004d, <i>Answer of Louisiana Energy Services, L.P. to the Requests for Hearing and Petitions for Leave to Intervene of the New Mexico Attorney General and Nuclear Information and Resource Service and Public Citizen</i> , Docket No. 70-3103-ML, May 3, 2004.	02/07/05 Tr. 832	02/07/05 Tr. 838	X		
30	Rice	Louisiana Energy Services, 2004e, <i>Applicant's Objections and Responses to Interrogatories From Nuclear Information and Resource Service and Public Citizen</i> , September 23, 2004.	02/07/05 Tr. 833	02/07/05 Tr. 838	X		

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					Adm.	Rej.	Wdrn.
31	Rice	Louisiana Energy Services, 2004g, Comments Regarding Draft Report NUREG-1790, Environmental Impact for the Proposed National Enrichment Facility in Lea County, New Mexico, November 5, 2004.	02/07/05 Tr. 833	02/07/05 Tr. 838	X		
32	Rice	Lockwood Greene, 2004a, <i>Data/Information for Environmental Permit</i> , document number L4-50-01-RES, March 29, 2004, Bates stamp: LES-00768 – LES-00781.	02/07/05 Tr. 833	02/07/05 Tr. 838	X		
33	Harper/Peery	Mehta, S., A. E. Fryar, and J. L., Banner, 2000, <i>Controls on the Regional-Scale Salinization of the Ogallala Aquifer, Southern High Plains, Texas, USA</i> , in <i>Applied Geochemistry</i> , 15 (2000) 849-864, URL: http://www.geo.utexas.edu/faculty/banner/Publications/Mehta%20et%20al%202000.pdf .	02/07/05 Tr. 535	02/07/05 Tr. 647	X		
34	Rice	Murphy, R.J., and E. Garwell, 1998, <i>Infiltration Rates through Landfill Liners</i> , Florida Center for Solid and Hazardous Waste Management, Report #97-11, February 1998 URL: http://www.floridacenter.org/publications/infiltration_rates_landfill_liners_97-11.pdf .	02/07/05 Tr. 834	02/07/05 Tr. 838	X		
35	Rice	New Mexico Environment Department, (NMED), 2004a, <i>NMED Comments on Draft EIS for LES - Docket Number 70-3103</i> , November 8, 2004.	02/07/05 Tr. 834	02/07/05 Tr. 838	X		

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					Adm.	Rej.	Wdrn.
36	Rice	New Mexico Water Quality Control Commission, 2002, <i>Regulations</i> , 20.6.2 NMAC, Effective September 15, 2002, URL: http://www.nmenv.state.nm.us/NMED_Regs/gwb/20_6_2_NMAC.pdf .	02/07/05 Tr. 834	02/07/05 Tr. 838	X		
37	Rice	Nicholson, A., and A. Clebsch Jr., 1961, <i>Geology and Ground-Water Conditions in Southern Lea County, New Mexico</i> ; Ground-Water Report 6, New Mexico Bureau of Mines and Mineral Resources, 1961.	02/07/05 Tr. 835	02/07/05 Tr. 838	X		
38	Rice	G. Rice Figure 1, Schematic—Geologic Cross Section in Vicinity of Proposed Site (showing playa and perched water body).	02/07/05 Tr. 835	02/07/05 Tr. 838	X		
39	Rice	G. Rice Figure 2, Laboratory Hydraulic Conductivity	02/07/05 Tr. 835	02/07/05 Tr. 838	X		
40	Rice	G. Rice Figure 3, Schematic—Geologic Cross Section in Vicinity of Proposed Site (showing fracture flow).	02/07/05 Tr. 835	02/07/05 Tr. 838	X		
42	Rice	Nuclear Regulatory Commission (NRC), 2004b, <i>NRC Staff's Response to Interrogatories and Document Request by Petitioners Nuclear Information and Resource Service and Public Citizen to Commission Staff</i> , November 10, 2004.	02/07/05 Tr. 836	02/07/05 Tr. 838	X		
43	Harper, Peery	Olson, R.E., D.E. Daniel, 1981, <i>Measurement of the Hydraulic Conductivity of Fine-Grained Soils</i> , in "Permeability and Groundwater Contaminant Transport", Zimmie and Riggs, editors, ASTM Special Technical Publication 746.	02/07/05 Tr. 564	02/07/05 Tr. 647	X		

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45	Rice	Reddy, D.V., Butul, B., 1999, <i>A Comprehensive Literature Review of Liner Failures and Longevity</i> , Florida Center for Solid and Hazardous Waste Management, July 12, 1999 URL: http://www.floridacenter.org/publications/liner_failure_99.pdf .	02/07/05 Tr. 836	02/07/05 Tr. 838	X		
46	Rice	United States Department of the Interior (USDOI), 2004a, <i>Comments on the Draft Environmental Impact Statement (DEIS) for the Proposed National Enrichment Facility (NEF) to Produce Enriched Uranium, Lea County, New Mexico (Document No. NUREG-1790)</i> , November 5, 2004.	02/07/05 Tr. 836	02/07/05 Tr. 838	X		
47	Rice	United States Geological Survey (USGS), 2004a, <i>Concentrations of Polycyclic Aromatic Hydrocarbons (PAHs) and Major and Trace Elements in Simulated Rainfall Runoff from Parking Lots, Austin, Texas, 2003</i> , Open File report 2004-1208 URL: http://water.usgs.gov/pubs/of/2004/1208/ .	02/07/05 Tr. 837	02/07/05 Tr. 838	X		
49	Rice	Yazdani, G., 1997, <i>Leakage through Liner Systems</i> , URL: http://www.polyflex.com/news07.html .	02/07/05 Tr. 837	02/07/05 Tr. 838	X		
55	Makhijani	LLNL Engineering Analysis Report for the Long-Term Management of Depleted Uranium Hexafluoride, UCRL-AR-124080 (May 1997); http://web.ead.anl.gov/uranium/pdf/EARVol1.pdf	02/08/05 Tr. 1109	02/08/05 Tr. 1112	X		

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56	Makhijani	LLNL Cost Analysis Report for the Long-Term Management of Depleted Uranium Hexafluoride, UCRL-AR-127650 (May 1997); http://web.ead.anl.gov/uranium/pdf/CAR_Part1.pdf	02/08/05 Tr. 1109	02/08/05 Tr. 1112	X		
57	Makhijani	Voilleque et al. <i>Fernald Dosimetry Reconstruction Project, Tasks 2 and 3: Radionuclide Source Terms and Uncertainties</i> . Neeses, SC: Radiological Assessments Corporation, 1995. (hard copy)	02/08/05 Tr. 1109	02/08/05 Tr. 1112	X		
58	Makhijani	Final EIS for the Construction and Operation of the Claiborne Enrichment Center, Homer, Louisiana, NUREG-1484 (August 1994) (hard copy)	02/08/05 Tr. 1110	02/08/05 Tr. 1112	X		
59	Makhijani	NEF statement, Uranium Hexafluoride Deconversion and Disposal in the United States, Jan. 19, 2004. (PDF file)	02/08/05 Tr. 1110	02/08/05 Tr. 1112	X		
61	Makhijani	Hartmann, D., B. LeMotais, and B. DuPerret, <i>The French Approach for Management of Depleted Uranium, A Constantly Improved Technology, Waste Management 2001</i>	02/08/05 Tr. 1110	02/08/05 Tr. 1112	X		
62	Makhijani	U.S. National Transportation Safety Board, <i>Railroad Accident Brief, NTSB/RAB-0408</i> (Dec. 16, 2004).	02/08/05 Tr. 1110	02/08/05 Tr. 1112	X		
63	Makhijani	Fears, D., and S.K. Goo, "Thousands Can't Return Home After Toxic Train," <i>Washington Post</i> , Jan. 10, 2005.	02/08/05 Tr. 1111	02/08/05 Tr. 1112	X		
64	Sheehan	NEF Environmental Report, Dec. 2003, Table 1.1-3	02/10/05 Tr. 1656	02/10/05 Tr. 1663	X		

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65	Sheehan	EIA, <i>U.S. Nuclear Fuel Cycle Projections 2000-2025</i> , January 2003, available at www.eai.doe.gov/cneaf/nuclear/page/forecast/projection.html .	02/10/05 Tr. 1656	02/10/05 Tr. 1663	X		
66	Sheehan	World Enrichment Requirements Projections by Region and Country Reference Case, 2000-2020	02/10/05 Tr. 1657	02/10/05 Tr. 1663	X		
67	Sheehan	NEF Environmental Report, Dec. 2003, Table 1.1-8	02/10/05 Tr. 1657	02/10/05 Tr. 1663	X		
68	Sheehan	PACE, USEC—Heading into the Perfect Storm? (Sept. 2003).	02/10/05 Tr. 1657	02/10/05 Tr. 1663	X		
69	Sheehan	Urenco Limited Annual Report and Accounts, Year to 31 December 2003.	02/10/05 Tr. 1657	02/10/05 Tr. 1663	X		
70	Sheehan	Urenco Limited Annual Report and Accounts: Year to 31 December 2002.	02/10/05 Tr. 1658	02/10/05 Tr. 1663	X		
72	Sheehan	USEC 10-Q for September 30, 2004, p.25 (1440).	02/10/05 Tr. 1658	02/10/05 Tr. 1663		X	
74	Sheehan	Public Citizen, <i>Urenco Limited: A Corporate Profile</i> (April 2004).	02/10/05 Tr. 1658	02/10/05 Tr. 1663		X	
76	Sheehan	Louisiana Energy Services, L.P. Response to Nuclear Information and Resource Service and Public Citizen Interrogatories, December 20, 2004, responses to interrogatories 1, 2, 3.	02/10/05 Tr. 1658	02/10/05 Tr. 1663	X		

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					Adm.	Rej.	Wdrn.
80	Krich, Schwartz	Deposition of Kirk Schnoebelen, et al., September 29, 2004, at: a. Page 54 line 5 thru page 55 line 14. b. Page 60 line 16 thru page 61 line 13. c. Page 83 line 17 thru page 87 line 20. d. Page 107 line 2 thru page 108 line 3.	02/10/05 Tr. 1532	02/10/05 Tr. 1533	X		
81	Krich, Schwartz	Exhibit 8 to Schnoebelen deposition, e-mail from C. Chater to C. Andrews, January 10, 2003, Subject: Comments on the ERI No Need Analysis.	02/10/05 Tr. 1499	02/10/05 Tr. 1499	X		
82	Sheehan	LES Environmental Report, pages 1.0-1 through 1.0-3.	02/10/05 Tr. 1659	02/10/05 Tr. 1663	X		
83	Krich, Schwartz	Energy Resources International, Inc., DRAFT, <i>Market for Uranium Enrichment Services</i> (January 2002) [LES-04899 to LES-04939]	02/10/05 Tr. 1491	02/10/05 Tr. 1495	X		
84	Krich, Schwartz	Energy Resources International, Inc., <i>Market for Uranium Enrichment Services</i> (Sept. 17, 2003) [LES-04940 to LES-04982]	02/10/05 Tr. 1491	02/10/05 Tr. 1495	X		