

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

| Party Exh. # | Witness/ Panel | Description | Marked for ID (date/pg) | Offered in Evid. (date/pg) | ACTION: | | |
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| | | | | | Adm. | Rej. | Wdrn. |
| 1 | Harper, Peery | National Enrichment Facility Environmental Report, Sections 3.3, 3.4, and 4.4 (also an Exhibit for NIRS/PC EC-2) | 02/07/05 Tr. 473 | 02/07/05 Tr. 479 | X | | |
| 2 | Harper, Peery | National Enrichment Facility Environmental Report, Sections 6.1 and 6.2 | 02/07/05 Tr. 473 | 02/07/05 Tr. 479 | X | | |
| 3 | Harper, Peery | Excerpts from NEF #04-019, "Response to NRC Request for Additional Information Regarding the National Enrichment Facility Environmental Report" (May 20, 2004) (Sensitive Information Omitted) (Tabs A-O) | 02/07/05 Tr. 474 | 02/07/05 Tr. 479 | X | | |
| 4 | Harper, Peery | New Mexico Groundwater Discharge Permit Application for the National Enrichment Facility (Apr. 2, 2004, as revised on Oct. 14, 2004)) | 02/07/05 Tr. 474 | 02/07/09 Tr. 479 | X | | |
| 5 | Harper, Peery | Michelle A. Walvoord, Mitchell A. Plummer, and Fred M. Phillips, "Deep Arid System Hydrodynamics Part 1: Equilibrium States and Response Times in Thick Desert Vadose Zones," Water Resources Research, Vol. 38 No. 12 (2002) [LES-05114 to LES-05128] | 02/07/05 Tr. 474 | 02/07/05 Tr. 479 | X | | |
| 6 | Harper, Peery | Dutton, A. and Simpkins, W., "Hydrogeochemistry and Water Resources of the Triassic Lower Dockum Group in the Texas Panhandle and Eastern New Mexico," Report of Investigations No. 161, Bureau of economic Geology, University of Texas at Austin (1986) [LES-05014 to LES-05068] | 02/07/05 Tr. 475 | 02/07/05 Tr. 479 | X | | |

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| 7 | Harper, Peery | Freeze, R. and Cherry, J., <i>Groundwater</i> , p. 29, Table 2.2 (1979) | 02/07/05 Tr. 475 | 02/07/09 Tr. 479 | X | | |
| 8 | Harper, Peery | New Mexico Environment Department, "Guidelines for Liner Material and Site Preparation for Synthetically-Lined Lagoons" (Dec. 11, 1995) [LES-00112 to LES-00114] | 02/07/05 Tr. 475 | 02/07/05 Tr. 479 | X | | |
| 9 | Harper, Peery | Calculation Summary Sheet, "Water Balance Tables for National Enrichment Facility" Basins (Documents Identifier 32-5047375-00) [LES-05129 to LES-05188] | 02/07/05 Tr. 476 | 02/07/05 Tr. 479 | X | | |
| 10 | Harper, Peery | Calculation Summary Sheet, "TEEB Soil Concentration and Integrated Liner Dose" (Document Identifier 32-2400589-00) [LES-05266 to LES-05295] | 02/07/05 Tr. 476 | 02/07/05 Tr. 479 | X | | |
| 11 | Harper, Peery | Analytical Report, Severn Trent Services, Project CW Well, Lot #: D2E290137 (June 10, 2002) [LES-04378 to LES-04383] | 02/07/05 Tr. 477 | 02/07/05 Tr. 479 | X | | |
| 13 | Harper, Peery | Analytical Report, URENCO Project, Lot #: D4H190128 (Sept. 17, 2004) [LES-05189 to LES-05265] | 02/07/05 Tr. 477 | 02/07/05 Tr. 479 | X | | |
| 71 | Harper, Peery | Barrett, M.E., R.D. Zuber, E.R. Collins, J.F. Malina, Jr., R.J. Charbeneau, and G.H. Ward, <i>A Review and Evaluation of Literature Pertaining to the Quality and Control of Pollution from Highway Runoff and Construction</i> , CRWR Online Report 95-5, 2nd Edition (Apr. 1995) | 02/07/05 Tr. 477 | 02/07/05 Tr. 479 | X | | |

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| 72 | Harper, Peery | Laine, D.L., and M.P. Miklas, Jr., 1989, <i>Detection and Location of Leaks in Geomembrane Liners Using an Electrical Method: Case Histories</i> , Southwest Research Institute, San Antonio, Texas (Nov.1989) | 02/07/05 Tr. 478 | 02/07/05 Tr. 479 | X | | |
| 73 | Harper, Peery | Excerpt from "Waste Control Specialists, Section VI, Geology Report," prepared by Cook-Joyce, Inc., and Intera, Inc. (February 2004 (includes pages 4-1 to 4-11 only). | 02/07/05 Tr. 478 | 02/07/05 Tr. 479 | X | | |
| 26 | Harper, Peery | "Final Report – Lea County Regional Water Plan," prepared for the Lea County Water Users Association by Leedshill-Herkenhoff, Inc., John Shomaker & Associates, Inc., and Montgomery & Andrews, P.A. (Dec. 7, 2000) | 02/07/05 Tr. 485 | 02/07/05 Tr. 647 | X | | |
| 14 | Krich, Schneider | National Enrichment Facility Environmental Report Section 4.13.3.1, "Radioactive and Mixed Waste Disposal Plans" | 02/08/05 Tr. 923 | 02/08/05 Tr. 929 | X | | |
| 15 | Krich, Schneider | "Final Environmental Impact statement for the Construction and Operation of Claiborne Enrichment Center, Homer, Louisiana " (NUREG-1484), pp. 4-65-66 and Appendix A | 02/08/05 Tr. 923 | 02/08/05 Tr. 929 | X | | |
| 16 | Krich, Schneider | "Construction and Operation of a Depleted Uranium Hexafluoride Conversion Facility at the Portsmouth, Ohio Site" (DOE/EIS-0360), Vol. 1 | 02/08/05 Tr. 924 | 02/08/05 Tr. 929 | X | | |
| 17 | Krich, Schneider | "Construction and Operation of a Depleted Uranium Hexafluoride Conversion Facility at the Paducah, Kentucky, Site" (DOE/EIS-0359), Vol. 1 | 02/08/05 Tr. 924 | 02/08/05 Tr. 929 | X | | |

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| 18 | Krich, Schneider | "Final Programmatic Environmental Impact Statement for Alternative Strategies for the Long-Term Management and Use of Depleted Uranium Hexafluoride" (DOE/EIS-0269), Vols. 1 and 2 | 02/08/05 Tr. 924 | 02/08/05 Tr. 929 | X | | |
| 19 | Krich, Schneider | Letter from John W. N. Hickey to W. Howard Arnold (September 22, 1992) | 02/08/05 Tr. 925 | 02/08/05 Tr. 929 | X | | |
| 20 | Krich, Schneider | Letter from Eric J. Leeds to Department of Energy (October 18, 2000) | 02/08/05 Tr. 925 | 02/08/05 Tr. 929 | X | | |
| 21 | Krich, Schneider | Electronic Correspondence re Calcium Fluoride Disposal Summary (LES-05296 to LES-05300) | 02/08/05 Tr. 925 | 02/08/05 Tr. 929 | X | | |
| 74 | Krich, Schneider | Department of Energy, "Record of Decision for Construction and Operation of a Depleted Uranium Hexafluoride Conversion Facility at the Portsmouth, OH, Site," 69 Fed. Reg. 44,649 (July 27, 2004). | 02/08/05 Tr. 926 | 02/08/05 Tr. 929 | X | | |
| 75 | Krich, Schneider | Department of Energy, "Record of Decision for Construction and Operation of a Depleted Uranium Hexafluoride Conversion Facility at the Paducah, KY, Site," 69 Fed. Reg. 44,654 (July 27, 2004). | 02/08/05 Tr. 926 | 02/08/05 Tr. 929 | X | | |
| 76 | Krich, Schneider | Areva-Cogema, "Defluorination of depleted UF6 - The W defluorination facility" (Sept. 26, 2004) | 02/08/05 Tr. 926 | 02/08/05 Tr. 929 | X | | |
| 77 | Krich, Schneider | Letter from V. Autry, Director of Division of Waste Management, Bureau of Land and Waste Management, South Carolina Department of Health and Environmental Control, to L. Garner, Regulatory Affairs Coordinator, Starmet CMI (Apr. 1, 1999) | 02/08/05 Tr. 927 | 02/08/05 Tr. 929 | X | | |

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| 78 | Krich, Schneider | Letter from V. Autry, Director of Division of Waste Management, Bureau of Land and Waste Management, South Carolina Department of Health and Environmental Control, to L. Garner, Regulatory Affairs Coordinator, Starmet CMI (June 17, 1999) | 02/08/05 Tr. 927 | 02/08/05 Tr. 929 | X | | |
| 80 | Krich, Schneider | Press Release, LES and AREVA Sign Memorandum of Understanding for Deconversion Facility Near the National Enrichment Facility (Feb. 3, 2005) | 02/08/05 Tr. 928 | 02/08/05 Tr. 929 | X | | |
| 22 | Krich, Campbell, Peery, Stokes, Woomer | Letter from T. Woomer, Director of Utilities for the City of Hobbs, to J. Shaw, Lockwood Green/Louisiana Energy Services, L.P., RE: NEF Memorandum of Understanding – November 14, 2003 (Jan. 6, 2004) [LES-01163 to LES-01164] | 02/09/05 Tr. 1240 | 02/09/05 Tr. 1243 | X | | |
| 23 | Krich, Campbell, Peery, Stokes, Woomer | Letter from J. Shaw, Lockwood Green/Louisiana Energy Services, L.P., to Honorable James Brown, Mayor of Eunice, New Mexico, "Subject: National Enrichment Facility (NEF) Memorandum of Understanding" (Jan. 21, 2004) [LES-01165 to LES-01166] | 02/09/05 Tr. 1240 | 02/09/05 Tr. 1243 | X | | |
| 24 | Krich, Campbell, Peery, Stokes, Woomer | Lea County Water Users Association Press Release Regarding NEF Water Usage Requirements (Sept. 29, 2003) [LES-01161 LES-01162] | 02/09/05 Tr. 1241 | 02/09/05 Tr. 1243 | X | | |
| 25 | Krich, Campbell, Peery, Stokes, Woomer | Letter from D. Dible, City Manager for the City of Hobbs, to M. Cohen, Louisiana Energy Services, regarding NEF water usage (Mar. 4, 2004) [LES-01167 to LES-01168] | 02/09/05 Tr. 1241 | 02/09/05 Tr. 1243 | X | | |

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| 27 | Krich, Campbell, Peery, Stokes, Woomer | "Lea County Water Users Association Municipal Water Audit: Phase I: Building the Foundation," prepared by Smith Engineering (Dec. 2003) [LES-0170 to LES-01223] | 02/09/05 Tr. 1241 | 02/09/05 Tr. 1243 | X | | |
| 28 | Krich, Campbell, Peery, Stokes, Woomer | Slide, "Water Use Minimization Actions," prepared for Louisiana Energy Services, L.P. by Lockwood Greene Engineering (Oct. 2003) [LES-01146] | 02/09/05 Tr. 1242 | 02/09/05 Tr. 1243 | X | | |
| 29 | Krich, Campbell, Peery, Stokes, Woomer | "New Mexico State Water Plan" (Dec. 23, 2003) (http://www.ose.state.nm.us/water-info/NMWaterPlanning/state-water-plan.html) (without appendices) | 02/09/05 Tr. 1242 | 02/09/05 Tr. 1243 | X | | |
| 65 | Schnoebelen | PROPRIETARY Executed Uranium Enrichment Services Contract between LES and Utility #1 (provided under separate envelope) [LES-PRO-00042 to LES-PRO-00083 (redacted version)] | 02/10/05 Tr. 1404 | 02/10/05 Tr. 1406 | X | | |
| 66 | Schnoebelen | PROPRIETARY Executed Uranium Enrichment Services Contract between LES and Utility #2 (provided under separate envelope) [LES-PRO-00084 to LES-PRO-00132 (redacted version)] | 02/10/05 Tr. 1404 | 02/10/05 Tr. 1406 | X | | |
| 67 | Schnoebelen | PROPRIETARY Executed Uranium Enrichment Services Contract between LES and Utility #3 (provided under separate envelope) [LES-PRO-00133 to LES-PRO-00179 (redacted version)] | 02/10/05 Tr. 1405 | 02/10/05 Tr. 1406 | X | | |
| 68 | Schnoebelen | PROPRIETARY Draft Uranium Enrichment Services Contract between LES and Utility #4 (provided under separate envelope) [LES-PRO-00191 to LES-PRO-00229 (redacted version)] | 02/10/05 Tr. 1405 | 02/10/05 Tr. 1406 | X | | |

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| 69 | Schnoebelen | PROPRIETARY Executed Uranium Enrichment Services Contract between LES and Utility #5 (provided under separate envelope) [LES-PRO-00232 to LES-PRO-00277 (redacted version)] | 02/10/05 Tr. 1405 | 02/10/05 Tr. 1406 | X | | |
| 70 | Schnoebelen | PROPRIETARY Executed Uranium Enrichment Services Contract between LES and Utility #6 (provided under separate envelope) [LES-PRO-00672 to LES-PRO-00711 (redacted version)] | 02/10/05 Tr. 1406 | 02/10/05 Tr. 1406 | X | | |
| 30 | Schwartz, Krich | National Enrichment Facility Environmental Report, Sections 1.1.1 through 1.1.3, Tables 1.1-1 through 1.1-8, and Figures 1.1-1 through 1.1-8 | 02/10/05 Tr. 1481 | 02/10/05 Tr. 1486 | X | | |
| 31 | Schwartz, Krich | Letter from W.D. Magwood, IV, U.S. Department of Energy, to M.J. Virgilio, U.S. Nuclear Regulatory Commission (July 25, 2002) [LES-02312 to LES-02314] | 02/10/05 Tr. 1481 | 02/10/05 Tr. 1486 | X | | |
| 32 | Schwartz, Krich | Staff of Senate Subcommittee of the Committee on Appropriations, 108th Congress, "Energy and Water Development Appropriations for Fiscal Year 2004," pp. 1, 45, 55-56 (Comm. Print 2003) (Mar. 12, 2003) | 02/10/05 Tr. 1482 | 02/10/05 Tr. 1486 | X | | |
| 33 | Schwartz, Krich | U.S. Department of Energy, "Effect of U.S./Russia Highly Enriched Uranium Agreement" (Dec. 21, 2001) | 02/10/05 Tr. 1482 | 02/10/05 Tr. 1486 | X | | |
| 38 | Schwartz, Krich | DOE. 2003b. International Energy Outlook 2003, DOE/EIA-484 (2003), Table 20, page 102, U.S. Department of Energy/Energy Information Administration, May 2003 [LES-02340 to LES-02361] | 02/10/05 Tr. 1482 | 02/10/05 Tr. 1486 | X | | |

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| 39 | Schwartz, Krich | WNA, 2003. The Global Nuclear Fuel Market Supply and Demand 2003-2025, World Nuclear Association (2003), Tables I.1 and III.1; pp. 108-111; p. 73 Table II.4 [LES-02362 to LES-02365; LES-02375 to LES-02380; LES-04416 to LES-04418] | 02/10/05 Tr. 1483 | 02/10/05 Tr. 1486 | X | | |
| 55 | Schwartz, Krich | US NRC "Status of License Renewal Applications and Industry Activities" (Dec. 14, 2004) | 02/10/05 Tr. 1483 | 02/10/05 Tr. 1486 | X | | |
| 56 | Schwartz, Krich | Nuclear Energy Institute, "Approved Power Uprates (1977-2004)" (July 2004) | 02/10/05 Tr. 1483 | 02/10/05 Tr. 1486 | X | | |
| 60 | Schwartz, Krich | Combs, J., Ux Consulting, "Full Review: Enrichment – Facing New Challenges," <u>Nuclear Engineering International</u> , pp. 20-25 (Sept. 2004) | 02/10/05 Tr. 1484 | 02/10/05 Tr. 1486 | X | | |
| 61 | Schwartz, Krich | Neff, T., Massachusetts Institute of Technology, "Legacies Shaping the Future: Uranium Production, Inventories & Prices – 1947 – 2004," presented at the NEI International Uranium Fuel Seminar 2004 | 02/10/05 Tr. 1484 | 02/10/05 Tr. 1486 | X | | |
| 62 | Schwartz, Krich | "Current Uranium Pricing Indicators (US\$/lb U3O8)," <u>Nuclear Fuel</u> , Vol. 30, No. 1 (Jan. 3, 2004), pp. 1-2 | 02/10/05 Tr. 1484 | 02/10/05 Tr. 1486 | X | | |
| 64 | Schwartz, Krich | Excerpt from the Environmental Report for the American Centrifuge Plant in Piketon, Ohio (Revision 0), NRC Docket No. 70-7004, United States Enrichment Corporation (Aug. 2004), pp. 1-10, 2-2 | 02/10/05 Tr. 1485 | 02/10/05 Tr. 1486 | X | | |