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JAMES R. CURTISS  
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jcurtiss@winston.com

September 2, 2004

G. Paul Bollwerk, III, Chairman  
Administrative Judge  
Atomic Safety and Licensing Board Panel  
Mail Stop T-3 F23  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

Dr. Charles N. Kelber  
Administrative Judge  
Atomic Safety and Licensing Board Panel  
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Washington, D.C. 20555-0001

Dr. Paul B. Abramson  
Administrative Judge  
Atomic Safety and Licensing Board Panel  
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U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

DOCKETED  
USNRC

September 10, 2004 (12:21PM)

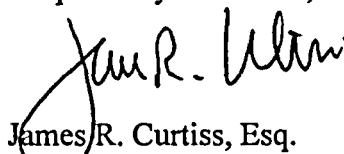
OFFICE OF SECRETARY  
RULEMAKINGS AND  
ADJUDICATIONS STAFF

**In the Matter of Louisiana Energy Services, L.P.  
(National Enrichment Facility)  
Docket No. 70-3103**

Dear Administrative Judges:

Pursuant to 10 C.F.R. § 2.704(d), Louisiana Energy Services, L.P. ("LES") is enclosing copies of the letters of transmittal and associated attachments forwarded by LES to the other parties to this proceeding in connection with LES's Section 2.704(a) initial disclosures. In view of the substantial volume of documents (approximately 5,000 pages) that have been produced, LES would not intend to submit copies of those documents to the Licensing Board, unless advised otherwise.

Respectfully submitted,



James R. Curtiss, Esq.  
Counsel for Louisiana Energy Services, L.P.

September 2, 2004

Page 2

- Enclosures:
- (1) Letters of Transmittal to Other Parties
  - (2) List of Individuals Potentially Having Discoverable Information (Attachment A)
  - (3) List of Documents Relevant to Admitted Contentions (Attachment B)
  - (4) Publicly Available Documents Relevant to Admitted Contentions (Attachment C)
  - (5) Documents Withheld Under a Claim of Privilege (Attachment D)
  - (6) List of Documents to be Withheld from Public Disclosure as Confidential/Proprietary (Attachment E)

cc: Chris Coppin, Esq. (w/o enclosures)  
Tannis Fox, Esq. (w/o enclosures)  
Clay Clarke, Esq. (w/o enclosures)  
Lindsay Lovejoy, Jr., Esq. (w/o enclosures)  
Lisa Clark, Esq. (w/o enclosures)

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## FEDERAL EXPRESS

Lisa Clark, Esq.  
Office of General Counsel  
U.S. Nuclear Regulatory Commission  
Mailstop: 0-15E2  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852-2738

Dear Lisa:

Please find enclosed the materials described below. These materials, which LES is providing pursuant to 10 C.F.R. § 2.704(a), constitute LES's mandatory initial disclosures under that provision, and include the following:

- (1) A list of individuals potentially having discoverable information relevant to the admitted contentions in this proceeding (Attachment A);
- (2) A list of all non-privileged documents relevant to the admitted contentions (Attachment B), and copies of all such documents relevant to the admitted contentions;
- (3) A list of publicly available documents that are relevant to all admitted contentions in this proceeding (Attachment C);
- (4) A list of all documents that are being withheld by LES under a claim of privilege (Attachment D); and
- (5) A list of confidential/proprietary documents relevant to the admitted contentions (Attachment E). Copies of those documents relevant to the contentions are enclosed and are contained in a separately designated envelope, pursuant to the

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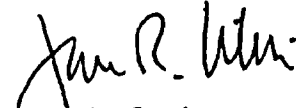
Lisa Clark, Esq.  
September 1, 2004  
Page 2

procedures outlined in the Licensing Board's May 21, 2004 "Protective Order" for this proceeding.

In accordance with 10 C.F.R. § 2.705(g)(1), I certify that the foregoing disclosures reflect a reasonable inquiry on the part of LES, and to the best of my knowledge, are complete and correct as of the time of this submittal.

Please contact me if you any questions regarding the initial disclosures made herein.

Yours sincerely,

A handwritten signature in black ink, appearing to read "James R. Curtiss".

James R. Curtiss  
Counsel for Louisiana Energy Services, L.P.

Attachments: As Stated

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## FEDERAL EXPRESS

Lindsay A. Lovejoy, Jr., Esq.  
618 Paseo de Peralta, Unit B  
Santa Fe, NM 87501

Dear Lindsay:

Please find enclosed the materials described below. These materials, which LES is providing pursuant to 10 C.F.R. § 2.704(a), constitute LES's mandatory initial disclosures under that provision, and include the following:

- (1) A list of individuals potentially having discoverable information relevant to the admitted contentions in this proceeding (Attachment A);
- (2) A list of all non-privileged documents relevant to the admitted contentions (Attachment B), and copies of all such documents relevant to the admitted NIRS/PC contentions;
- (3) A list of publicly available documents that are relevant to all admitted contentions in this proceeding (Attachment C);
- (4) A list of all documents that are being withheld by LES under a claim of privilege (Attachment D); and
- (5) A list of confidential/proprietary documents relevant to the admitted contentions (Attachment E). Copies of those documents relevant to NIRS/PC contentions are enclosed and are contained in a separately designated envelope, pursuant to the procedures outlined in the Licensing Board's May 21, 2004 "Protective Order" for this proceeding.

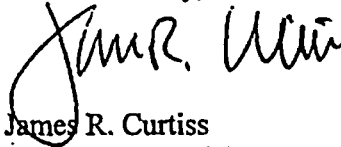
WINSTON & STRAWN LLP

Lindsay A. Lovejoy, Jr., Esq.  
September 1, 2004  
Page 2

In accordance with 10 C.F.R. § 2.705(g)(1), I certify that the foregoing disclosures reflect a reasonable inquiry on the part of LES, and to the best of my knowledge, are complete and correct as of the time of this submittal.

Please contact me if you any questions regarding the initial disclosures made herein.

Yours sincerely,

A handwritten signature in black ink, appearing to read "James R. Curtiss". The signature is fluid and cursive, with the first name "James" being more prominent.

James R. Curtiss  
Counsel for Louisiana Energy Services, L.P.

Attachments: As Stated

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## FEDERAL EXPRESS

Tannis Fox, Esq.  
Clay Clarke, Esq.  
Office of General Counsel  
New Mexico Environment Department  
1190 St. Francis Dr.  
Suite N-4056  
Santa Fe, NM 87501

Dear Tannis and Clay:

Please find enclosed the materials described below. These materials, which LES is providing pursuant to 10 C.F.R. § 2.704(a), constitute LES's mandatory initial disclosures under that provision, and include the following:

- (1) A list of individuals potentially having discoverable information relevant to the admitted contentions in this proceeding (Attachment A);
- (2) A list of all non-privileged documents relevant to the admitted contentions (Attachment B), and copies of all such documents relevant to the admitted NMED contention;
- (3) A list of publicly available documents that are relevant to all admitted contentions in this proceeding (Attachment C); and
- (4) A list of all documents that are being withheld by LES under a claim of privilege (Attachment D).

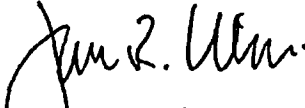
In accordance with 10 C.F.R. § 2.705(g)(1), I certify that the foregoing disclosures reflect a reasonable inquiry on the part of LES, and to the best of my knowledge, are complete and correct as of the time of this submittal.

WINSTON & STRAWN LLP

Tannis Fox, Esq.  
Clay Clarke, Esq.  
September 1, 2004  
Page 2

Please contact me if you any questions regarding the initial disclosures made herein.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Jim R. Curtiss".

James R. Curtiss  
Counsel for Louisiana Energy Services, L.P.

Attachments: As Stated



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## FEDERAL EXPRESS

Christopher D. Coppin, Esq.  
Assistant Attorney General  
State of New Mexico Attorney General  
111 Lomas, NW  
Suite 300  
Albuquerque, NM 87102

Dear Chris:

Please find enclosed the materials described below. These materials, which LES is providing pursuant to 10 C.F.R. § 2.704(a), constitute LES's mandatory initial disclosures under that provision, and include the following:

- (1) A list of individuals potentially having discoverable information relevant to the admitted contentions in this proceeding (Attachment A);
- (2) A list of all non-privileged documents relevant to the admitted contentions (Attachment B), and copies of all such documents relevant to the admitted NMAG contentions;
- (3) A list of publicly available documents that are relevant to all admitted contentions in this proceeding (Attachment C);
- (4) A list of all documents that are being withheld by LES under a claim of privilege (Attachment D); and
- (5) A list of confidential/proprietary documents relevant to the admitted contentions (Attachment E). Copies of those documents relevant to NMAG contentions are enclosed and are contained in a separately designated envelope, pursuant to the procedures outlined in the Licensing Board's May 21, 2004 "Protective Order" for this proceeding.

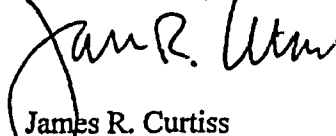
WINSTON & STRAWN LLP

Christopher D. Coppin, Esq.  
September 1, 2004  
Page 2

In accordance with 10 C.F.R. § 2.705(g)(1), I certify that the foregoing disclosures reflect a reasonable inquiry on the part of LES, and to the best of my knowledge, are complete and correct as of the time of this submittal.

Please contact me if you any questions regarding the initial disclosures made herein.

Yours sincerely,

A handwritten signature in black ink, appearing to read "James R. Curtiss". The signature is written in a cursive style with a large, looping initial "J".

James R. Curtiss  
Counsel for Louisiana Energy Services, L.P.

Attachments: As Stated

# **Attachment A**

**LIST OF INDIVIDUALS POTENTIALLY HAVING DISCOVERABLE INFORMATION**

<b><u>Name of Individual</u></b>	<b><u>Contention(s)<sup>1</sup></u></b>
<b>Chris Andrews</b> Urenco Limited Capenhurst Chester, Cheshire CH1 6ER United Kingdom Tel: +44-151-473-4067	(2), (7), (8), (9)
<b>Frank X. Bellini</b> Framatome ANP Solomon Pond Park 400 Donald Lynch Boulevard Marlborough, MA 01752 978-568-2234	(3), (4)
<b>Allan Brown</b> Urenco Limited Capenhurst Chester, Cheshire CH1 6ER United Kingdom Tel: +44-151-473-8716	(2), (7), (8), (9)
<b>Randy Campbell</b> Lockwood Greene 1500 International Drive Spartanburg, SC 29303-6745 864-599-4658	(3), (4), (10)
<b>Marshall Cohen</b> Louisiana Energy Services, L.P. One Sun Plaza 100 Sun Lane NE, Suite 204 Albuquerque, NM 87109 505-944-0194	(3), (4), (5), (9)

---

<sup>1</sup> **Contention Key:** (1) = Radiation Protection Program (2) = DUF6 Disposal Cost Estimates  
(3) = Water Impacts (4) = Water Supply Impacts  
(5) = DUF6 Storage & Disposal (6) = Deconversion Facility Impacts  
(7) = Decommissioning Costs (8) = Cost of Mgmt/Disposal of DUF6  
(9) = Need for the Facility (10) = Natural Gas-Related Accidents

**Louisiana Energy Services -- Docket #07003103 -- Initial Mandatory Disclosures**

**James R. Curtiss, Esq.** various  
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Urenco Limited  
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**George Dials**  
No longer with LES

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**Louisiana Energy Services – Docket #07003103 – Initial Mandatory Disclosures**

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**John N. Hamawi** (1)  
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**Louisiana Energy Services – Docket #07003103 – Initial Mandatory Disclosures**

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**John Lawrence, Esq.** various

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**Tim J. Leftwich** (3), (4)

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**Leo Lessard** (7)

Framatome ANP  
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**Keith Lowrey** (4)

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**Louisiana Energy Services – Docket #07003103 – Initial Mandatory Disclosures**

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**David Mickanen** (4)  
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**Robert Morgan**  
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**Louisiana Energy Services – Docket #07003103 – Initial Mandatory Disclosures**

<b>Nicholas M. Panzarino</b> Framatome ANP Solomon Pond Park 400 Donald Lynch Boulevard Marlborough, MA 01752 508-898-9970 X2511	(1), (3)
<b>Jo-Ann Pelczar</b> Framatome ANP Solomon Pond Park 400 Donald Lynch Boulevard Marlborough, MA 01752 978-568-2755	(1)
<b>David Pepe</b> Framatome ANP Solomon Pond Park 400 Donald Lynch Boulevard Marlborough, MA 01752 978-568-2055	(1), (10)
<b>David Repka, Esq.</b> Winston & Strawn LLP 1400 L Street NW Washington, DC 20005 202-371-5726	various
<b>Scott Rogers</b> Lockwood Greene 1500 International Drive Spartanburg, SC 29303-6745 864-599-4616	(4)
<b>Louis Rose, Esq.</b> Montgomery & Andrews, P.A. P.O. Box 2307 Santa Fe, NM 87504-2307 505-986-2506	(3)
<b>J. Floyd Suave</b> Lockwood Greene 1500 International Drive Spartanburg, SC 29303-6745 864-599-4517	(3), (4), (10)

**Louisiana Energy Services – Docket #07003103 – Initial Mandatory Disclosures**

**Kirk Schnoebelen**

(9)

Urenco, Inc.

Suite 610

2600 Virginia Ave.

Washington, D.C. 20037

202-337-6644

**Michael Schwartz**

(2), (5), (8), (9)

Energy Resources International, Inc.

1015 18<sup>th</sup> Street, NW

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Washington, DC 20036

202-785-8833

**Glen Seeburger**

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**John Shaw**

(3), (4), (10)

Lockwood Greene

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Spartanburg, SC 29303-6745

864-599-4487

**John H. Snooks**

(10)

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Solomon Pond Park

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978-568-2735

**Julian J. Steyn**

(2), (5), (8)

Energy Resources International, Inc.

1015 18<sup>th</sup> Street, NW

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Washington, DC 20036

202-785-8833

**Louisiana Energy Services – Docket #07003103 – Initial Mandatory Disclosures**

**Mark S. Strum** (1)

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**Stacy T. Thomson** (10)

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Naperville, IL 60563  
630-778-4852

**Richard T. Turcotte** (10)

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Marlborough, MA 01752  
978-568-2328

**Scott Tyler** (10)

Framatome ANP  
215 Shuman Boulevard  
Suite 172  
Naperville, IL 60563  
630-778-4439

**April Wade** various

Louisiana Energy Services, L.P.  
One Sun Plaza  
100 Sun Lane NE, Suite 204  
Albuquerque, NM 87109  
505-944-0194

**Carroll Walker** (3)

Lockwood Greene  
1500 International Drive  
Spartanburg, SC 29303-6745  
864-599-4365

# **Attachment B**

**LIST OF DOCUMENTS RELEVANT TO ADMITTED CONTENTIONS**

<b>Doc Begin</b>	<b>Doc End</b>	<b>Doc Type</b>	<b>Doc Date</b>	<b>Author/ "From"</b>	<b>Recipient/ "To"</b>	<b>Cc: or Fw:</b>	<b>Title/Subject</b>	<b>Relevant Contention<sup>1</sup></b>
00001	00041	Notes	2/2004	G. Harper	[NONE]		"Permit Overview – NM Groundwater Discharge Permit"	(3)
00042	00052	Notes	1/23/04	GL Environ., inc. (GLE)	[NONE]		"New Mexico Groundwater Discharge Permit Information and Data Requirements"	(3)
00053	00062	Notes	1/25/04	GLE	[NONE]		"Permit Overview – Joint COE/NM 401/404"	(3)
00063	00096	Notes	1/26/04	GLE	[NONE]		"U.S. EPA NPDES Permit Information and Data Requirements"	(3)
00097	00100	E-mail	4/14/04	J. Shaw (Lockwood Greene Engineering (LGE)	F. Sauve (LGE)		"Subject: FW: Urenco Water Treatment"  Attach: "Evaluation to Determine Additional Liquid Effluent Treatment to Meet EPA Drinking Water Requirements for Uranium Content"	(3)
00101	00102	E-mail	3/15/04	F. Bellini Framtome- ANP (FANP)	G. Harper (FANP)	E. Maher (formerly FANP)	"Subject: RE: Items needed from Lockwood Greene for Groundwater Discharge Permit: 3/15/04" [w/ handwritten notations]	(3)
00103	00106	Outline	3/16/04	[NONE]	[NONE]		Excerpt from "Data/Information Requested of Lockwood Greene Engineers by Environmental Permit" [non-relevant info redacted]	(3)

<sup>1</sup> **Contention Key:** (1) = Radiation Protection; (2) = DUF6 Disposal Cost Estimates; (3) = Water Impacts; (4) = Water Supply Impacts; (5) = DUF6 Storage and Disposal; (6) = Deconversion Facility Impacts; (7) = Decommissioning Costs; (8) = Cost of DUF6 Mgmt/Disposal; (9) = Need for Facility; (10) = Natural Gas Accident Risk

**Louisiana Energy Services – Docket #07003103 – Initial Mandatory Disclosures**

<b>Doc Begin</b>	<b>Doc End</b>	<b>Doc Type</b>	<b>Doc Date</b>	<b>Author/ "From"</b>	<b>Recipient/ "To"</b>	<b>Cc: or Fw:</b>	<b>Title/Subject</b>	<b>Relevant Contention</b>
00107	00110	Outline	2/25/04	[NONE]	[NONE]		Excerpt from "Data/Information Requested of Lockwood Greene Engineers by Environmental Permit" [non-relevant info redacted]	(3)
00111	00116	Fax & Reg. Doc.	3/5/04	T. Leftwich (GLE)	G. Harper		Cover sheet and attachment entitled "New Mexico Environment Department Ground Water Pollution Prevention Section – Guidelines for Liner Material and Site Preparation for Synthetically-Lined Lagoons" (Dec. 11, 1995).	(3)
00117	00117	E-mail	5/5/04	(LGE)	G. Harper	F. Sauve J. Shaw	"Subject: LES RAIs"	(3)
00118	00118	E-mail	4/12/03	R. Campbell	G. Harper		"Subject: Liquid Waste Effluent Collection and Treatment System – BOD"	(3)
00119	00119	E-mail	4/8/03	F. Bellini	R. Campbell	G. Harper J. Shaw	"Subject: Effluent to TEEB: pH control"	(3)
00120	00123	E-mail	4/6/04	D. Gallegos (GLE)	G. Harper		"Subject: Comments on Air and Ground Water Permits"  Attach: "GL Environmental, Inc. – Comments on New Mexico Ground Water Discharge Permit" [second attachment not relevant]	(3)
00124	00124	E-mail	3/23/04	R. Campbell	G. Harper R. Greenleaf R. Hammond (LGE) J. Shaw		"Subject: LES NEF Peak and Average flows into the TEEB (Master File 20.09)"	(3)
00125	00125	E-mail	3/23/04	R. Campbell	C. Walker G. Harper R. Greenleaf R. Hammond		"Subject: LES NEF TEEB Size (Master File 20.09)"	(3)

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					J. Shaw			
00126	00127	E-mail	3/22/04	F. Bellini	G. Harper		"Subject: Flow data spreadsheet"	
00128	00130	E-mail	3/2/04	C. Walker (LGE)	G. Harper	J. Shaw J. Miller (LGE)	"Subject: FW: Preliminary Septic Tank and Drainfield Calcs"  Attachs: "National Enrichment Facility – Septic System Calculation"  Drawing – Site Plan (Without Contours)	(3)
00131	00132	E-mail	11/19/03	F. Bellini	M. Lyons (FANP)	G. Harper	"Subject: Water Res./Geology Section insert"	(3)
00133	00133	E-mail	10/20/03	J. Shaw	E. Maher D. Marcelli A. Brown P. Hale G. Harper	R. Campbell C. Nichols R. Greenleaf R. Hammond C. Walker	"Subject – Ponds (No Surprises Email) (urenc0 018511 20.29; 20.19.2; 75.03)"	(3)
00134	00135	E-mail	9/30/03	G. Harper	F. Bellini N. Panzarino M. Strum G. Seeburger J. Pelczar	E. Maher	"Subject: RE: NEF site drainage info, basin sizes"	(3)
00136	00137	E-mail	5/5/04	G. Harper	R. Campbell	F. Sauve J. Shaw M. Strum	"Subject: RE: LES RAIs"	(3)
00138	00142	E-mail	4/14/04	G. Harper	R. Krich	L. Rose M. Lyons	"Subject: RE: Insert for GW Permit"  Attach: Legal review comments on "Ground Water Insert – Ground Water Standards Compliance Demonstration" [w/ redaction of privileged statement]	(3)
00143	00147	E-mail	3/10/04	G. Harper	E. Maher F. Bellini		"Subject: Groundwater Permit Open Items"	(3)

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00148	00148	E-mail	3/10/04	G. Harper	E. Maher F. Bellini		"Subject: RE: More Info for NEF Groundwater Permit"	(3)
00149	00149	E-mail	3/5/04	C. Funk	R. Campbell G. Harper	J. Tramel R. Greenleaf	"Subject: RE: LES – NEF Water Permit Info"	(3)
00150	00150	E-mail	3/5/04	G. Harper	R. Campbell	E. Maher	"Subject: RE: LES – NEF Water Permit Info"	(3)
00151	00151	E-mail	3/3/04	R. Campbell	G. Harper		"Subject: LES NEF Water Permit Info"	(3)
00152	00158	E-mail	3/2/04	R. Campbell	G. Harper		"Subject: LES NEF Permit Info"  Attach: Report # L4-53-50-BOD, Rev. 0, "UBC Storage Storm Water Retention Basin – Basis of Design" (Oct. 30, 2003)	(3)
00159	00159	E-mail	3/2/04	R. Campbell	E. Maher G. Harper		"Subject: LES NEF Permit Info"	(3)
00160	00161	E-mail	2/24/04	R. Campbell	E. Maher G. Harper	J. Shaw R. Greenleaf	"Subject: LES NEF Water Permit – Additional Info. LG Job No. 018511.01, fn 53.03"	(3)
00162	00163	E-mail	3/16/04	K. Nettles	F. Bellini G. Harper E. Maher	J. Shaw C. Walker	"Subject: FW: Groundwater Permit Open Items"	(3)
00164	00165	E-mail	3/15/04	C. Walker	F. Bellini		"Subject: FW: Groundwater Permit Open Items"	(3)
00166	00167	E-mail	3/3/04	C. Walker	G. Harper	J. Shaw R. Campbell	"Subject: RE: Permit Data"	(3)
00168	00169	E-mail	3/1/04	C. Walker	G. Harper		"Subject: National Enrichment Facility"  Attach: Text & Figure, "National Enrichment Facility – Treated Effluent Evaporative Basis – Liner System"	(3)
00170	00171	E-mail	3/1/04	C. Walker	G. Harper		"Subject: National Enrichment Facility"	(3)



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							Attach: Text & Figure, "National Enrichment Facility – UBC Storage Pad Stormwater Retention Basin – Liner System"	
00172	00173	E-mail	3/1/04	C. Walker	G. Harper		"Subject: National Enrichment Facility"  Attach: "National Enrichment Facility – Treated Effluent Evaporative Basin and UBC Storage Pad Stormwater Retention Basin – Liner System"	(3)
00174	00175	E-mail	3/1/04	C. Walker	G. Harper		"Subject: National Enrichment Facility"  Attach: "National Enrichment Facility – Storm Water Management System – System Description"	(3)
00176	00177	E-mail	3/1/04	C. Walker	G. Harper		"Subject: National Enrichment Facility"  Attach: "National Enrichment Facility – Septic Tank and Drain Field – System Description"	(3)
00178	00179	E-mail	2/26/04	C. Walker	G. Harper		"Subject: Document 1"  Attach: "National Enrichment Facility – Septic Tank and Drain Field – System Description"	(3)
00180	00181	Reg. Guid.	12/11/95	Unknown	[NONE]		NM Guidelines for Lined Lagoons – text extract from NMED guidelines	(3)
00182	00184	Reg.	None	F. Bellini	[NONE]		From NM Env. Dept., GW	(3)

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		Guid.	specified				Pollution Prevention Section: Guidelines for Liner Material and Site Prep. For Synthetically-Lined Lagoons	
00185	00185	Drawing	3/15/04	LGE	[NONE]		NEF Area Map – NM Groundwater Discharge Permit	(3)
00187	00187	Drawing	3/09/04	LGE	[NONE]		NEF Detailed Site Map – NM Groundwater Discharge Permit	(3)
00188	00188	Drawing	3/04/04	LGE	[NONE]		NEF Area Map – NM Groundwater Discharge Permit	(3)
00189	00189	Drawing	3/23/04	LGE	[NONE]		NEF Detailed Site Map – NM Groundwater Discharge Permit	(3)
00191	00191	Drawing	3/04/04	LGE	[NONE]		NEF Detailed Site Map – NM Groundwater Discharge Permit	(3)
00192	00192	Drawing	3/04/04	LGE	[NONE]		NEF Site Soil Map – NM Groundwater Discharge Permit	(3)
00193	00193	Drawing	3/25/04	R. Campbell	[NONE]		Block Flow Diagram – Liquid Effluent and Collection System	(3)
00194	00195	Drawing	8/22/78	HUD	[NONE]		Flood Hazard Boundary Map H- 01, Flood Insurance Rate Map I- 01 – City of Eunice, NM (Lea Co.) – Community No. 350028B	(3)
00196	00196	Drawing	3/22/04	FEMA	[NONE]		FEMA Map Service Center Product Map Search - Results for Lea County Area	(3)
00197	00199	Notes	Not	F. Bellini	G. Harper		NEF Operational Plan:	(3)

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			specified				Compliance with NMAC 20.6.2.3103	
00200	00200	Notes	3/15/04	F. Bellini	[NONE]		Items needed from Lockwood Greene for Ground Water Discharge Permit	(3)
00201	00201	Notes	Not specified	F. Bellini	[NONE]		LES GW Permit Outstanding Issues	(3)
00202	00205	Notes	11/18/03	F. Bellini	[NONE]		Chemical Table 3.doc – draft input to ER Section 3.5 regarding water sample analysis results	(3)
00206	00209	Notes	11/20/03	F. Bellini	[NONE]		Table 3.4-5.1doc.doc – draft input to ER Section 3.5 regarding water sample analysis results	(3)
00210	00219	Spread sheet	9/23/03	F. Bellini	[NONE]		Stormwater runoff spreadsheet	(3)
00220	00222	Spread sheet	10/7/03	F. Bellini	[NONE]		NEF Washout	(3)
00223	00262	Calc.	10/9/03	F. Bellini	[NONE]		FANP Calc. No. 32-2400512-00, "Potential for Radioactivity Concentration in Runoff from UBC Storage Pad"	(3)
00263	00263	Table	10/3/03	Cook Joyce	[NONE]		Piezometer Construction Summary – Well No. MW-1, Boring No. B-7	(3)
00264	00264	Table	10/3/03	Cook Joyce	[NONE]		Piezometer Construction Summary – Well No. MW-2, Boring No. B-9	(3)
00265	00265	Table	10/3/03	Cook Joyce	[NONE]		Piezometer Construction Summary – Well No. MW-3, Boring No. B-3	(3)
00266	00275	Report	8/17/04	Cook Joyce	[NONE]		Cook Joyce Well Development for	(3)

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							LES Ground Water Monitoring Wells	
00276	00276	Drawing	10/31/03	Framatome-ANP	[NONE]		Figure 3.5-5, Water and Oil Wells in the Vicinity of the NEF Facility	(3)
00277	00277	Drawing	9/10/03	F. Bellini	[NONE]		Map of Public Wells	(3) (4)
00278	00288	Spread sheet	11/18/03	F. Bellini	[NONE]		Chem Table – water sample analysis	(3)
00289	00289	Drawing	10/3/03	F. Bellini	[NONE]		Dockum Contours	(3)
00290	00341	Draft Report	10/2/03	F. Bellini	[NONE]		Draft ER Chapter 3.5 (file 35-RK 9-29-03)	(3) (4)
00342	00373	Draft Report	10/3/03	F. Bellini	[NONE]		Draft ER Chapter 3.5 (file FXB)	(3) (4)
00374	00404	Draft Report	10/9/03	F. Bellini	[NONE]		Draft ER Chapter 3.5 (file FXB-r)	(3) (4)
00405	00435	Draft Report	10/22/03	F. Bellini	[NONE]		Draft ER Chapter 3.5 (file FXB r STRUM	(3) (4)
00436	00466	Draft Report	10/30/03	F. Bellini	[NONE]		Draft ER Chapter 3.5 (file FXB R2)	(3) (4)
00467	00468	Notes & Drawing	11/6/03	F. Bellini	[NONE]		Intermittent Ponds - Notes	(3)
00469	00469	Drawing	9/10/03	F. Bellini	[NONE]		Regional Hydrology Map – extracted from National Atlas of the United States	(3)
00470	00470	Table	9/10/03	F. Bellini	[NONE]		Surface water area in Lea County – data from state of NM website	(3)
00471	00471	Drawing	10/16/03	F. Bellini	[NONE]		TX-NM Evaporation Rates – input data	(3)
00472	00472	Notes	5/26/04	F. Bellini	[NONE]		Total organic carbon ground water chemistry information	(3)
00473	00473	Spread sheet	10/7/03	F. Bellini	[NONE]		Water Quality Summary from Background Monitoring Wells at WCS	(3)
00474	00474	Drawing	9/13/03	F. Bellini	[NONE]		Map – NM Hydrology	(3)
00475	00541	Report/ Data	4/29/04	Severn Trent Labs, Inc.	[NONE]		Severn Trent Laboratories, Inc. – Preliminary Data Summary –	(3)

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							ground water sample analysis	
00542	00542	Spread sheet	10/1/03	F. Bellini	[NONE]		NM Oil and Gas Wells	(3)
00543	00543	Drawing	9/25/03	F. Bellini	[NONE]		Oil Well Map of Section 32 – from NMOG	(3)
00544	00544	Notes	9/25/03	F. Bellini	[NONE]		Oil Well Maps and Locations – note on how to obtain information	(3)
00545	00548	Spread sheet	9/25/03	F. Bellini	[NONE]		T21S R38E Well Data	(3)
00549	00549	Spread sheet	3/15/04	F. Bellini	[NONE]		Well Locations – Survey Data	(3)
00550	00550	Drawing	9/24/03	F. Bellini	[NONE]		Map of NEF Site Area showing some observation wells - from internet	(3)
00551	00551	Drawing	10/1/03	F. Bellini	[NONE]		Map of NEF Site Area showing wells in the area – from internet	(3) (4)
00552	00552	Table/ Data	10/1/03	F. Bellini			Table re Water and Oil Wells in Texas	(3), (4)
00553	00553	Spread sheet	10/1/03	F. Bellini	[NONE]		Spreadsheet data based on input from Office of the NM State Engineer – Well Surface Reports and Downloads (Well Surface Report 9/29/03, CP Database) – Township 21S, Range 38E	(3) (4)
00554	00554	Table/ Data	9/25/03	F. Bellini	[NONE]		Texas Water Wells near NEF site data – from state of TX website	(3) (4)
00555	00556	Drawing	11/24/03	F. Bellini	[NONE]		Wells in TWDB Groundwater Database – Andrews County from internet	(3) (4)
00557	00557	Spread sheet	10/1/03	F. Bellini	[NONE]		Petroleum Wells Data	(3)
00558	00558	Spread sheet	10/14/03	F. Bellini	[NONE]		Rainfall annual volumes for NEF site runoff areas	(3)
00559	00560	Spread sheet	10/14/03	F. Bellini	[NONE]		Rainfall runoff for NEF site	(3)

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00561	00561	Notes	9/26/03	F. Bellini	[NONE]		Discussion of basis for runoff coefficients	(3)
00562	00563	E-mail	11/20/03	J. Raimondi (FANP)	E. F. Maher N. Panzarino F. Bellini	None	"Subject: Gamma-isotopic Report for L6383-01" (provides Framatome-ANP Environmental Laboratory Analysis Report, dated 10/30/03, for Ground Water Samples)	(3)
00564	00565	E-mail	10/16/03	E. Maher	D. G. Marcelli	S. T. Thomson F. Bellini	"Subject: Recommended LES Response to USEC RAIs for SAR Chapter 9 and ER"	None
00566	00573	E-mail	10/10/03 10/14/03	G. Harper E. Maher	E. Maher S. Thomson	D. Marcelli	"Subject: State of NM Meeting Minutes" [w/ attachment]  [Non-relevant material redacted]	(3), (4)
00574	00575	E-mail	5/17/04	F. Bellini	G. A. Harper		Provides revised wording for prior Santa Rosa ground water analysis	(3)
00576	00576	E-mail	9/9/03	F. Bellini	R. Knowlton	E. Maher	"Subject: ER Sections – Wells"	(3)
00577	00577	E-mail	2/14/04	G. Harper	R. Krich		"Subject: Upcoming NEF Environmental Monitoring"	(3)
00578	00579	E-mail	7/16/04 7/16/04	G. Harper D. Green	R. Krich F. Sauve	D. Green R. Krich	"Subject: Ground Water Sampling at NEF"	(3)
00580	00590	E-mail	6/18/04	D. Green	R. Krich		"Subject: NEF ER RAIs – Remedial Actions for TEEB Leakage and Cumulative Effects"  Attach: Excerpts from RAI Responses 2-3, 4-11, and 6-1.	(3)
00590	00600	Notice/ Letters	7/15/04	R. Krich	Property owners within ½-mile of NEF site		"Public Notice 1, DP-1481" and associated letters re "Subject: Public Notice of Ground Water Discharge Permit"	(3)
00601	00604	E-mail	10/12/03	R. Campbell	C. Walker		"Subject: Groundwater monitoring" – basin leak detection	(3)
00605	00606	Report/	5/11/04	B. Punch	R. Krich	D. Green	"LG Response to NEF Action	(3)

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		Drawing		F. Sauve J. Shaw			Item – ER RAI No. 2-2”  Attach: “Figure ER RAI 2-2, Planned Septic Tank Locations”	
00607	00608	Report	5/11/04	R. Campbell F. Sauve J. Shaw	R. Krich	D. Green	“LG Response to NEF Action Item – ER RAI No. 2-3F & 2-3G”  Attach: Word File – “ER 2-3 Reponses by R Campbell.doc”	(3)
00609	00610	Report	5/13/04	C.Funk F. Sauve J. Shaw	R. Krich	D. Green	“LG Response to NEF Action Item – ER RAI 4-2A”  [re monthly maximum and minimum flows to the three site basins]	(3)
00611	00612	Report	5/11/04	B. Punch F. Sauve J. Shaw	R. Krich	D. Green	“LG Response to NEF Action Item – ER RAI No. 6-1C”  Attach: “Figure ER RAI 6-1C, Groundwater Monitoring Well Locations”	(3)
00613	00613	Drawing	9/02/03	LGE	[NONE]		Site Geologic Map	(3)
00615	00615	Drawing	9/02/03	LGE	[NONE]		Site Area Hydrologic Features (1 Mile Radius)	(3)
00616	00616	Drawing	9/02/03	LGE	[NONE]		Site Ground Water Contours and Locations of Monitoring Wells	(3)
00617	00617	Drawing	9/02/03	LGE	[NONE]		Offsite Wells Within 1 Mile Radius of National Enrichment Facility Site	(3)
00618	00618	Drawing	9/02/03	LGE	[NONE]		Municipal Water Supply Source Locations	(3) (4)
00619	00627	Letter/ Drawing	2/03/03	L. Salmon (City of Hobbs)	J. Shaw		Letter forwarding set of plans and profiles of 14” effluent line at City of Hobbs Wastewater Treatment Plant facility	(3) (4)
00628	00630	Letter/	11/20/03	D. Granger	J. Shaw	T. Jones	Baker Spring Investigation,	(3)

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		Report		(Cook Joyce)		(WCS)	Eunice, New Mexico	
00631	00643	Report	4/27/04	AREVA	C. Jackson (LGE)		Environmental Laboratory Analysis Report – ground water samples	(3)
00645	00646	Report	10/30/03	Framatome- ANP	C. Jackson (LGE)		Environmental Laboratory Analysis Report – ground water samples	(3)
00647	00715	Draft Report	11/07/03	G. DeRuzzo (Severn Trent)	J. Shaw		Analytical Draft Report – ground water samples	(3)
00716	00719	Report	11/05/03	Framatome- ANP	C. Jackson		Environmental Laboratory Analysis Report – ground water samples	(3)
00720	00723	Report	12/23/03	Framatome- ANP	C. Jackson (LGE)		Environmental Laboratory Analysis Report – ground water samples	(3)
00724	00765	Draft Report	10/08/03	MACTEC Engineering and Consulting, Inc.	LGE		Draft Report of Preliminary Subsurface Exploration, Proposed National Enrichment Facility, Lea County, New Mexico	(3)
00766	00767	Letter	4/27/04	M. Haston, M. Lew (MACTEC)	P. Clarkson (LGE)		Addendum to Report of Preliminary Subsurface Exploration, Proposed National Enrichment Facility, Lea County, New Mexico	(3)
00768	00781	Report	Rev. 0 (3/05/03)	C. Funk	[NONE]		LGE Report L4-50-01-RES, Data/Information for Environmental Permit” [Non-Relevant Materials Redacted]	(3)
00782	00821	Calc.	Rev. A (9/08/03) Rev. B (10/07/03) Rev. 0	S. Rogers	[NONE]		LGE Calc. L4-53-45-CALC, “Conceptual Calculation: Liquid Effluent Collection and Treatment System Estimated Uranic Discharge”	(3)



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			(10/9/03)					
00822	00834	Calc.	Rev. 0 (10/09/03)	S. Rogers	[NONE]		LGE Calc. L4-53-26-BOD, "Liquid Effluent Collection and Treatment System – Basis of Design"	(3)
00835	00861	Calc.	Rev. A (9/08/03) Rev. B (10/07/03) Rev. 0 (10/9/03)	S. Rogers	[NONE]		LGE Calc. L4-53-46-CALC, "Conceptual Calculation: Liquid Effluent Collection and Treatment System Estimated Sludge Quantities"	(3)
00862	00919	Report	Rev. A (9/23/03) Rev. 0 (10/14/03) Rev. 1 (10/28/03) Rev. 2 (11/11/03)	S. Rogers M. Jenkins S. Rogers R. Campbell	[NONE]		LGE Report L4-53-47-LIST, "Summary of Annual Liquid, Solid, and Gaseous Effluents"	(3)
00920	00963	Report	Rev. 0 (8/22/03)	R. Campbell	[NONE]		LGE Report L4-53- 49-STU, "Study Report – Liquid Effluent Disposition"	(3)
00964	00994	Report	Rev. A (10/20/03) Rev. B (10/29/03) Rev. 0 (10/30/03) Rev.1 (3/5/04)	C. Nichols C. Nichols C. Nichols R. Campbell	[NONE]		LGE Report L4-53-50-BOD, "UBC Storage Storm Water Retention Basin – Basis of Design"	(3)
00995	01012	Report	Rev. A (10/24/03) Rev. B (10/29/03) Rev. 0 (10/30/03)	C. Nichols C. Nichols C. Nichols	[NONE]		LGE Report L4-53-51-BOD, "Treated Effluent Evaporative Basin – Basis of Design"	(3)

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			Rev.1 (3/5/04)	R. Campbell				
01013	01035	Calc.	Rev. A (10/29/03) Rev. 0 (10/30/03)	C. Nichols	[NONE]		LGE Calc. L4-53-55-CALC , "UBC Storage Pad Storm Water Retention Basin Size"	(3)
01036	01059	Calc.	Rev. A (10/29/03) Rev. 0 (10/30/03)	C. Nichols	[NONE]		LGE Calc. L4-53-56-CALC, "Calculation: Treated Effluent Evaporative Basin Size"	(3)
01060	01119	Calc.	8/2003	S. Thomson	[NONE]		Draft FANP Calculation 32- 5047375-00, "Water Balance Tables for NEF Basins"	(3)
01120	01121	E-mail	10/24/03	R. Hammond	S. Thomson		"Subject: RE: Transmittal Location"	(3), (4)
01122	01124	Spread sheet	10/6/03	F. Bellini	[NONE]		ER Table 3.5-2 – input data	(4)
01125	01125	E-mail	10/28/03	D. Dible (Hobbs NM)  T. Woomer (Hobbs, NM)	R. Campbell (LGE)  D. Dible (Hobbs, NM)		"FW: Water Capacity – provides Hobbs, NM, water capacity information"	(4)
01126	01126	E-mail	10/03/03	J. Shaw	R. Krich A. Brown M. Lynch J. Ferland	R. Campbell R. Hammond R. Greenleaf	"Subject: Water Conservation NM" – provides status of NM resolution on water conservation plans for new power utility plants	(4)
01127	01127	E-mail	10/29/03	J. Shaw	E. Maher G. Harper	D. Mickanen C. Funk R. Campbell S. Rogers	"Subject: Water Conservation and Recycle Summary"	(4)
01128	01128	E-mail	3/10/03	J. Shaw	C. Funk	D. Frady C. Funk C. Jackson K. Utely C. Walker	Subject: Water New Mexico Urenco/LES"	(4)
01129	01129	E-mail	11/03/03	C. Funk	J. Shaw	K. Lowrey	"Subject: Water Consumption	(4)

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							Quantities"	
01130	01130	E-mail	11/10/03	C. Funk	R. Krich	J. Shaw D. Green	"Subject: Water Consumption Update"	(4)
01131	01131	E-mail	11/12/03	J. Shaw	R. Krich		"Subject: Water Consumption"	(4)
01132	01142	E-mail	11/12/03	C. Funk	J. Shaw	K. Lowrey J. Tramel	"Subject: Water Documents"	(4)
01143	01143	Report	9/16/03	R. Campbell	[NONE]		Telephone Call Report from call with S. Parker (WCS) concerning water supply to WCS	(4)
01144	01144	Report	9/18/03	R. Campbell	[NONE]		Telephone Call Report from call with D. Jackson (Gaines Industrial Water) concerning water for NEF	(4)
01145	01146	Slide	10/29/03	J. Shaw	[NONE]		Water Use Minimization Actions	(4)
01147	01149	E-mail	10/29/03	J. Shaw	C. Funk		"Subject: Comparison of Annual Water Usage – Xeriscape and Conventional Landscaping"	(4)
01150	01150	Report excerpt	Not specified	R. Campbell	[NONE]		Water supply summary	(4)
01151	01154	E-mail	8/20/04  2/23/04	C. Funk & L. Lowrey  K. Lowrey	D. Green  C. Funk	J. Shaw K. Lowrey	Response to email inquiry – related to water consumption numbers in water treatment e-mail	(3), (4)
01155	01157	Meeting Minutes	10/14/03	R. Campbell	[NONE]		Re 10/7/03 Water Meeting with Hobbs, NM, officials	(4)
01158	01160	Meeting Minutes	10/13/03	R. Campbell	[NONE]		10/10/03 Water Meeting with Eunice, NM, officials	(4)
01161	01162	Press Release	9/29/03	Lea County Water Users Association	[NONE]		Press release re NEF water usage	(4)
01163	01164	Memorandum of Understanding	12/30/03	T. Woormer (Hobbs)	J. Shaw		"RE: Memorandum of Understanding – November 14, 2003" [re NEF use of Hobbs water supply]	(4)
01165	01166	Memora	1/21/04	J. Shaw	Mayor J.		"Subject: National Enrichment	(4)

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		ndum of Underst anding			Brown (Eunice)		Facility (NEF) Memorandum of Understanding" [re NEF use of Eunice water supply]	
01167	01168	Letter	3/4/04	D. Dible (City of Hobbs)	M. Cohen		Letter re NEF water usage	(4)
01169	01223	E-mail/ Report	1/15/04	J. Shaw	R. Greenleaf C. Walker C. Funk B. Ross R. Campbell		E-mail forwarding "Lea County Water Users Association, Municipal Water Audit" (Dec. 2003)	(4)
01224	01228	Report	Rev. A (8/15/03)	J. Tramel	[NONE]		LGE Report L4-50-02-STU, "Study Report – Water Supply"	(4)
01229	01261	Report	Rev. 0 (10/30/03)	R. Campbell	[NONE]		LGE Report L4-53-54-STU, "Study Report – Water Supply"	(4)
01262	01324	Calc.	Rev. A (8/15/03) Rev. B (10/17/03) Rev. 0 (10/22/03) Rev. 1 (11/10/03) Rev. 2 (3/02/04)	J. Tramel D. K. Lowrey J. Tramel J. Tramel J. Tramel.	[NONE]		LGE Calc. L4-50-05-CALC, "City Water Consumption"	(4)
01325	01357	E-mail and Memo	6/9/04	M. O'Neill	M. Schwartz		E-mail forwarding NRC Memo from T. Johnson to J. Glitter, "Subject" June 1, 2004 Telephone Summary: [LES] Uranium Disposition Cost Information"	(2), (8)
01358	01536	Depo. Tr.	1/10/95	Alderson Reporting Co., Inc.	[NONE]		Transcript of deposition of Arjun Makhijani (from Claiborne Enrichment Center proceeding)	(2), (5)

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01357	01594	Report	12/1990	M. Marietta	Dept. of Energy		K/ETO, "The Ultimate Disposition of Uranium"	(2), (5), (8)
01595	01616	Letter/ Report	1/29/03	J. Steyn	R. Krich		Transmittal of Report, ERI-2129- 0302, "Estimated Costs for Disposition of DUF6" (Jan. 2003)	(2), (8)
01617	01629	E-mail	1/03/03	J. Steyn	R. Krich		"Subject: Updated Cost Estimate Report Draft"  Attach: Draft Report ERI-2129- 0202, "Estimated LES-II Applicable Costs for Distribution of DUF6 Based on LLNL 1997 Cost Analysis for DOE DUF6 Disposition" (Jan. 2003)	(8)
01630	01633	E-mail	1/10/03	J. Steyn	R. Krich		"Subject: "DUF6 re Conf Call Today" [w/ attached tables]	(8)
01634	01637	E-mail	1/10/03	J. Steyn	R. Krich		"Subject: More Tables" (w/ attached tables)	(8)
01638	01638	E-mail	1/13/03	J. Steyn	R. Krich		"Subject: UF6 Tails"	(5), (8)
01639	01639	E-mail	2/7/03	J. Steyn	R. Krich		"Subject: DOE-UDS Project"	(5)
01640	01640	E-mail	4/24/03	J. Steyn	R. Krich		"Subject: USEC Tails Disposition Cost"	(2), (8)
01641	01642	E-mail	5/16/03	J. Steyn	R. Krich		"Subject: DUF6"	(5), (8)
01643	01643	E-mail	6/4/03	J. Steyn	R. Krich		"Subject: WCS " [Attachment provided in subsequent entry]	(5)
01644	01644	E-mail	6/4/03	J. Steyn	R. Krich		"Subject: ConverDyn"	(5)
01655	01655	E-mail	6/6/03	J. Steyn	R. Krich		"Subject: Envirocare Report" [Attachment provided in	(5)

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							subsequent entry]	
01646	01647	Notes	Undated	Not specified	J. Ferland		Narrative entitled "Overview of Framework for DOE to Accept DUF6 for Disposal" [w/ handwritten notations]	(5)
01648	01648	Notes	Undated	J. Ferland	[NONE]		Handwritten notes re depleted tails disposition cost estimate	(2), (8)
01649	01650	Notes	Undated	Not specified	[NONE]		"LES Activities Related to Depleted Tails Disposition"	(5)
01651	01651	Notes	11/8/02	ERI	R. Krich		"LES Enrichment Tails Disposition Options/Issues"	(5)
01652	01652	E-mail	12/11/02	J. Steyn	R. Krich		"Subject: Depleted U Options" [Attachments not available but provided in subsequent entry]	(2), (5), (8)
01653	01653	E-mail	12/12/02	J. Steyn	R. Krich		"Subject: DUF6 Disposition – Option 3"	(5)
01654	01674	E-mail	12/12/02	J. Steyn	R. Krich		"Subject: LES DUF6 Disposition [w/ various attachments]"	(2), (5), (8)
01675	01675	E-mail	12/17/02	J. Steyn	R. Krich		"DUF6 Cost Estimates" [Attachment not available]	(2), (8)
01676	01676	E-mail	12/19/02	J. Steyn	R. Krich		"DUF6 Cost Estimates" [Attachment not available]	(2), (8)
01677	01677	E-mail	12/19/02	J. Steyn	R. Krich		"Subject: NTS Disposal Costs"	(5), (8)
01678	01694	Letter/ Work Proposal	10/21/02	K. Wahi (GRAM, Inc.)	G. Dials (formerly of LES)		"Subject: Disposition of Depleted Uranium Tails in the USA"	(2), (5), (8)
01695	01696	Press Release	2/11/03	LES	[NONE]		"LES Reports Formation of Tails Disposition Study Team, Announces Members"	(5)
01697	01711	E-mail	11/26/03	M. Schwartz	R. Krich		"Subject: Tails Section – Proposed Changes"	(2), (5), (8)

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							Attach: marked-up version of draft ER section	
01712	01715	E-mail	02/10/04	M. Schwartz	R. Krich		"Subject: corrections" [w/ attachments]	(2), (8), (9)
01716	01721	Meeting Tr.	12/04/01	ETTP Hearing	[NONE]		Excerpt from Transcript of DOE Meeting re DUF6	(5)
01722	01771	Request for Proposals	10/31/00	DOE			Request for Proposals -- DUF6 Design, Construction, and Operation of Conversion Facilities	(5)
01772	01772	Press Release	08/29/02	DOE			Department of Energy Selects Uranium Disposition Services for Uranium Hexafluoride Conversion Plants in Ohio and Kentucky	(5)
01773	01775	Letter	01/03/95	R. Bernero (NRC)	C. Bradley (DOE)		NRC Letter re DOE request for recommendations for the long-term management of DUF6	(5)
01776	01778	Report excerpt	6/2000	Oak Ridge National Laboratory	DOE		Excerpt from ORNL/TM-2000/161, "Assessment of Preferred Depleted Uranium Disposal Forms" (pp. 10, 21)	(5)
01779	01782	Memorandum of Understanding	6/30/98	DOE USEC			"Memorandum of Agreement Between the United States Department of Energy and the United States Enrichment Corporation Relating to Depleted Uranium"	(5), (8)
01783	01788	Letter	6/18/93	H. Arnold (LES)	J. Hickey (NRC)		Response to 12/14/92 letter re NRC Staff's position on disposition of DUF6 by LES	(2), (5), (8)
01789	01792	Letter/T able	01/14/03	O. Schumacher (Western Mine Engineering)	J. Steyn		Transmittal of models for shrinkage mining with shaft access	(2), (5), (8)

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01793	01794	E-mail	1/30/03	J. Steyn	R. Krich J. Curtiss		Subject: "USEC-DOE DUF6 Agreement"  Attach: DOE-USEC Agreement [Jan. 30, 2003]	(2), (8)
01795	01796	E-mail	1/23/03	L. McCleary	C. Heath		"Subject: RE: Potential disposal of depleted uranium tails"	(5), (8)
01797	01797	E-mail	2/20/03	J. Steyn	R. Krich		"Subject: DUF6 & Envirocare"	(5)
01798	01798	E-mail	6/15/04	D. Simonsen (Envirocare)	A. Zeitoun	A. Rafati T. Rogers T. Harris (NRC) T. Johnson (NRC)	"Subject" Response from Envirocare of Utah, Inc. regarding accepting uranium oxide"	(5)
01799	01799	E-mail	5/24/04	J. Graham (Converdyn)	J. Ferland		"Subject: RE: LES"	(5)
01800	01800	E-mail	1/13/04	R. Cherry (Cotter Corp.)	R. Krich		"Subject: LES" [re comments on Albuquerque Journal article on disposal of DUF6]	(5)
01801	01806	Letter	2/19/03	N. Kilkeary (LES)	C. Atkins		"Subject: Response to Questions"  Attach: "Response to Questions from Congressman Bart Gordon's Office"	(5)
01807	01838	Letter	9/26/03	M. Schwartz	M. Cohen		"Re: Materials Previously Prepared for LES Regarding Tails Disposition" [available attachments provided]	(2), (5), (8)
01839	01839	E-mail	11/24/03	M. Schwartz	R. Krich		"Subject: RE: tails costs"	(2),(8)
01840	01862	E-mail/ Report	1/21/03	J. Steyn	R. Krich M. Lyons		"Subject: DUF6 Report"  Attach: Draft Report ERI-2129-	(2), (8)



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							0302, "Estimated Costs for Disposition of DUF6" (Jan. 2003)	
01863	01868	E-mail/ Report	1/21/03	J. Steyn	R. Krich M. Lyons		"Subject: Summary Report"  Attach: "Summary of Depleted Uranium Disposition Cost Analyses" (Jan. 2003)	(2), (8)
01869	01891	E-mail	1/21/03	J. Steyn	R. Krich		"Subject: DUF6 Final Report"  Attach: Final Report ERI-2129-0302, "Estimated Costs for Disposition of DUF6" (Jan. 2003)	(2), (8)
01892	01896	E-mail	1/13/03	J. Steyn	R. Krich		"Subject: DUF6 Cost Summary"  Attach: "Summary of Depleted Uranium Disposition Cost Analyses"	(2), (8)
01897	01897	E-mail	1/16/03	J. Steyn	R. Krich		"Subject: DUF6 References" [Attachments provided in other entries]	(5), (8)
01898	01898	E-mail	1/16/03	J. Steyn	H. Huie (DOE)		"Subject: DUF6 Contract with UDS"  [Attachment provided in other entries]	(2), (5), (8)
01899	01899	E-mail	1/16/03	J. Steyn	R. Krich M. Lyons		"Subject: DUF6 Summary Change"	(2), (5), (8)
01900	01905	E-mail	1/17/03	J. Steyn	R. Krich M. Lyons		"DUF6 Summary"  Attach: "Summary of Depleted Uranium Disposition Cost Analyses" (Jan. 2003)	(2), (8)
01905	01925	E-mail/ Report	1/19/03	J. Steyn	R. Krich		"Subject: Report, Estimated Costs for Disposition of DUF6"	(8)

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							Attach: Draft ERI Report ERI-2129-0302, "Estimated Costs for Disposition of DUF6" (Jan. 2003)	
01926	01944	E-mail	1/20/03	J. Steyn	R. Krich		"Subject: DUF6 Report"  Attach: Draft ERI Report ERI-2129-0302, "Estimated Costs for Disposition of DUF6" (Jan. 2003)	(8)
01945	01966	E-mail/ Report	1/21/03	J. Steyn	R. Krich M. Lyons		"DUF6 Report" [  Attach: Draft Report ERI-2129-0302, "Estimated Costs for Disposition of DUF6" (Jan. 2003")	(2), (8)
01967	02054	Letter/ Report	5/23/03	D. Stoll (GRAM, Inc.)	P. Upson (formerly of LES)		Letter transmitting documents prepared and submitted by GRAM, Inc. in support of uranium enrichment tails study [available attachments provided]	(2), (5), (8)
02055	02055	E-mail	1/7/04	J. Steyn	R. Krich		"Subject: Envirocare; January 2004"	(5)
02056	02056	E-mail	01/09/04	J. Steyn	R. Krich		"Subject: Barnwell Facility Waste Disposal"	(5)
02057	02060	Reg. Guid.	[NONE]	Atomic Industrial Forum, Inc./National Environment al Studies Project	[NONE]		Excerpt from Chapter 2 of AIF/NESP-036, "Guidelines for Producing Commercial Nuclear Power Plant Decommissioning Cost Estimates"	(7), (8)
02061	02061	E-mail	8/28/02	L. Lessard	D. Marcelli	R. Morgan P. Guglielmino	"Subject: LES-2 Decommissioning Cost Estimate Data"	(7)

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02062	02063	Outline	8/28/02	L. Lessard	[NONE]		Outline entitled "LES-2 Decommissioning Cost Estimate Data, Required for LES-2 License Application" (2 pages)	(7)
02064	02067	Notes	11/26/02	L. Lessard	[NONE]		Draft write-up entitled "Urenco LES-2 Decommissioning Cost Estimate – Review by Framatome ANP DE&S"	(7)
02068	02068	E-mail	5/4/04  12/3/02	L. Lessard  L. Lessard	J. Kay  D. Marcelli R. Morgan		"Subject: FW: Chapter 10 Tables – Status Matrix"  "Subject: Chapter 10 Tables – Status Matrix"  [Attachment not available]	(7)
02069	02071	E-mail	12/6/02  12/3/02	N. Davies  L. Lessard	L. Lessard  N. Davies	R. Huntington I. Crombie C. Andrews A. Brown  D. Marcelli R. Morgan C. Andrews	"Subject: RE: Decommissioning Cost Estimate"  "Subject: Decommissioning Cost Estimate"	(7)
02072	02073	E-mail	12/10/02	A. Azadeh (Duratek)	L. Lessard	J. Dickinson D. Marcelli R. Morgan	"Subject: Re: D&D Cost Estimate for Uranium Contaminated Metals"	(5), (7)
02074	02074	E-mail	5/4/04  12/19/02	L. Lessard  L. Lessard	J. Kay  N. Davies	  D. Goldbach	"Subject: FW: HEP D&D Cost Estimate – Radioactive Waste Costs"  "Subject: HEP D&D Cost Estimate"	(7)

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					C. Andrews	D. Marcelli R. Morgan P. Guglielmino	– Radioactive Waste Costs	
02075	02075	Notes	12/30/02	L. Lessard	[NONE]		Notes of Telecon between L. Lessard and J. Harrison of Envirocare	(7)
02076	02094	E-mail	6/18/04	D. Green	R. Krich		"Subject: RAI Responses – Decommissioning Contingency Factors" [w/ attached RAI responses and SAR tables]	(7)
02095	02096	E-mail	9/26/03	M. Schwartz	M. Cohen	J. Ferland R. Krich J. Steyn	"Subject: Uranium supply facts"  Attach: "Uranium Supply Fact" (Sept. 2003)	(9)
02097	02100	Slides	undated	Urenco, Inc,	[NONE]		Slides re U.S. uranium enrichment needs	(9)
02101	02118	Slides	2002	G. Dials	[NONE]		"A Commitment to Competitive, Domestic Enrichment"	(9)
02119	02143	Press Releases	9/2003	Various	[NONE]		Assorted press releases re the need for and benefits of the proposed NEF	(9)
02144	02144	E-mail	1/13/03	C. Chater (Urenco)	C. Andrews (Urenco)	J. Elliott A. Brown	"Subject: RE: ERI Report – Need Analysis"	(9)
02145	02203	Report	3/3/2003	Ernst & Young	Urenco Limited		"Project LES – Non-Confidential Version – Report for Urenco Limited"	(2), (7), (8), (9)
02204	02204	Article	8/16/04	The Ux Weekly	[NONE]		Article: "A Developing SWU Gap?"	(9)
02205	02206	Notes	2/17/04	G. Wright and D. Prazer (Chillicothe Gazette)	[NONE]		Article: "Competitor not being seen as threat to USEC"	(9)

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02207	02207	E-mail	1/10/03	C. Chater	C. Andrews	J. Elliott	“Subject: Comments on the ERI No Need Analysis”	(9)
02208	02250	Letter/R eport	01/29/03	M. Schwartz	R. Krich		Transmittal of Report, Market for Uranium Enrichment Services,” ERI-2129-0301 dated January 23, 2003  Report Attached	(9)
02251	02293	Report	10/29/03	ERI			ERI-2129-0301 “Market for Uranium Enrichment Services,” (Oct. 29, 2003)	(9)
02294	02299	E-mail	10/31/03	M. Schwartz	M. Cohen R. Krich		“Subject: RE: Modified White Paper ‘Need for the NEF’”	(9)
02300	02302	Letter	02/24/03	M. Schwartz	R. Krich		Letter re (1) why slightly enriched uranium is used as blendstock for downblending HEU; and (2) why tails materials is used to create blendstock to create LEU	(9)
02303	02304	E-mail	11/25/0?	M. Schwartz	E. Maher	R. Krich	“Subject: ERI Need Analysis - Transmittal of Suggested additions to text”	(9)
02305	02309	E-mail	4/12/04	M. Schwartz	M. Cohen	Krich	“Subject: Summary Paper on Need”  Attach: “There is a Need for the National Enrichment Facility”	(9)
02310	02311	Table	05/03	DOE/EIA			Uranium Industry Annual 2002, Table 25	(9)
02312	02314	Letter	07/25/02	W. Magwood (DOE)	M. Virgilio (NRC)		Comments on LES White Papers	(9)

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02315	02318	Web	10/30/02	NRC			"Gas Centrifuge Enrichment Facility Licensing", <a href="http://www.nrc.gov/materials/fuelcycle-fac/gas-centrifuge">www.nrc.gov/materials/fuelcycle-fac/gas-centrifuge</a>	(9)
02319	02325	Web	01/15/03	NRC			"License Renewal" <a href="http://www.nei.org">www.nei.org</a>	(9)
02326	02328	Web	08/27/03	NRC			Status of License Renewal Applications & Industry Activities <a href="http://www.nrc.gov/reactors/operating/licensing/renewal/applications">www.nrc.gov/reactors/operating/licensing/renewal/applications</a>	(9)
02329	02333	Speech	03/05/02	R. Meserve (NRC)			"Perspectives on the Past, Challenges for the Future", presented at 14th Annual NRC RIC	(9)
02334	02339	Web	08/27/03	NRC			"Nuclear Power Upgrades", <a href="http://www.nrc.gov/reactors/operating/licensing/power-updates">www.nrc.gov/reactors/operating/licensing/power-updates</a>	(9)
02340	02361	Report	05/03	DOE/EIA			International Energy Outlook 2003	(9)
02362	02365	Table	2003	World Nuclear Assoc (WNA)			The Global Nuclear Fuel Market Supply and Demand 2003-2025  Tables I.1 and III.1	(9)
02366	02367	Table	05/01	DOE/EIA			International Nuclear Model, PC Version, DOE/EIA, <a href="http://www.eia.doe.gov/cneaf/nuclear/pa">www.eia.doe.gov/cneaf/nuclear/pa</a>	(9)

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							ge/forecast,  (used for world except for U.S.).	
02368	02369	Table	01/03	DOE/EIA			International Nuclear Fuel Cycle Model www.eia.doe.gov/cneaf/nuclear/pa ge/forecast  US Nuclear Fuel Projects 2000- 2025  (used for U.S. only).	(9)
02370	02374	Table	2003	NEA			Nuclear Energy Data,  Fuel Fabrication Reprocessing Capacities Plutonium Usage	(9)
02375	02380	Table	2003	WNA			Excerpt from "The Global Nuclear Fuel Market" (pp. 108-111)	(9)
02381	02385	Article	09/03	Beyer Combs			Article, "The Race is On", <u>Nuclear Engineering International</u>	(9)
02386	02399	Article	07/02				"The Future of SWU", <u>Nukem Market Report</u>	(9)
02400	02407	Article	09/02	Van Namen USEC			"The Nuclear Fuel Industry: Turning Change into Opportunity," presented at The Uranium Institute 25th Annual Seminar	(9)

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02408	02422	Article	10/01/02	Grigoriev Techsnabexp ort			"Techsnabexport-Russian Enrichment Overview", presented at Nuclear Energy Institute International Uranium Fuel Seminar 2002	(9)
02423	02424	Report excerpt	2003	Urenco			Excerpt from Urenco Limited Annual Report and Accounts  Year to 31 December 2002	(9)
02425	02427	Table	2003	NEA			Excerpt from <u>Nuclear Energy Data</u> , Table 6.1 Enrichment Capacities Table 6.2 Enrichment Requirements	(9)
02428	02437	Article	07/02	NUKEM Market Report			"A conversation With Urenco's Maurice Lenders", Nukem Market Report, July 2002.	(9)
02438	02438		10/28/03	R. Krich	M. Schwartz		Record of private communication re Urenco Production Capability	(9)
02439	02440	Article	04/02	<u>Nuclear Engineering International</u>			Excerpt from "Time to Take Stock of the Fuel Cycle"	(9)
02441	02441	Article	09/27/99				Excerpt from "A Fresh FUEL Interview: Eurodif CEO Focuses on Lower Costs, Better Service"	(9)
02442	02442	Article	10/28/02	Nuclear Fuel			Excerpt from "Eurodif Official Expects Smooth Operation of Georges Besse SWU Plant to 2012", Nuclear Fuel	(9)



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02443	02462	Legal	2003	USEC			Form 10-K filing with the SEC for the six month period ending December 31, 2002 (p. 6)	(9)
02463	02468	Paper	09/10/99	Sterba USEC			"Outlook for the Nuclear Fuel Market," presented at the Uranium Institute Annual Symposium 1999	(9)
02469	02474	Paper	09/06/02	D. Spurgeon USEC			"Fueling the Nuclear Renaissance", presented at WNA Annual Symposium	(9)
02475	02482	Press Release	07/30/03	USEC			"USEC Reports Improved Gross Margin From Continued Cost Control", Press Release	(9)
02483	02484	Article	12/05/02				"USEC Announcement," The Paducah Sun  Centrifuge Complex	(9)
02485	02492	Paper	5/03	Korotkevich, Knutarev Soloviev			"Current State and Perspectives on the Development of the Russian Enrichment Industry and its Impact on the World Uranium Market," presented at the WNA Midterm Meeting, Moscow	(9)
02493	02497	Paper	10/03/01	Shidlovsky Minatom			"The Russian Uranium Enrichment Industry Today and Tomorrow", presented at NEI International Uranium Fuel Seminar 2001	(9)
02498	02499	Article	11/11/91				"MAP I Official Says All Four Soviet SWU Plants are in Russian Republic," Nuclear Fuel	(9)

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02500	02503	Article	05/94	Grey The Uranium Institute			Excerpt from "Up Front in the CIS," Nuclear Engineering International	(9)
02504	02507	FRN	02/02/00				"Uranium From Russia; Preliminary Results of Sunset review of Suspended Antidumping Duty Investigation", <a href="http://ia.ita.doc.gov/frn/summary/russia/00-4619.txt">ia.ita.doc.gov/frn/summary/russia/ 00-4619.txt</a> ,  65 FR 10473	(9)
02508	02590	FRN	10/30/92				"Antidumping: Uranium <i>from</i> Kazakhstan, Kyrgyzstan, Russia, Tajikistan, Ukraine, and Uzbekistan; Suspension of Investigations and Amendment of Preliminary Determinations"  57 FR 49220	(9)
02591	02591	Article	11/06/02				"EU Pressed to Tighten Nuclear Safety Standards" <a href="http://www.eubusiness.com">www.eubusiness.com</a>	(9)
02592	02620	Article	04/02	NUKEM			"Minatom Rising" <u>Nukem Market Report</u> , page 24.	(9)
02621	02622	Web	01/16/03	WNA			WNA "WNA Trade Briefings" <a href="http://www.world-nuclear.org/tradeissues/tbriefings/enrichedtails">www.world- nuclear.org/tradeissues/tbriefings/ enrichedtails</a>	(9)
02623	02630	Paper	05/03	V.M. Korotkevich			"Current State and Perspectives on the Development of the Russian	(9)

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							Enrichment Industry and its Impact on the World Uranium Market"presented at the WNA Midterm Meeting, Moscow	
02631	02633	Table	2003	NEA			Nuclear Energy Data, "Table 6.1 - - Enrichment Capacities" and "Table 6.2 -- Enrichment Requirements"	(9)
02634	02634	Article	12/11/02				"Brazil Opens Uranium Enrichment Plant"  Reuters News Service	(9)
02635	02638	Web	05/02	Nuclear Threat Initiative (NTI)			"China Profiles" www.nti.org/db/china/uenrich	(9)
02639	02640	Article	05/17/99	NuclearFuel			"China Moved Centrifuge Complex to Keep Enriching U at Lanzhou" NuclearFuel	(9)
02641	02643	Web		Japan Nuclear Cycle Development Institute			"Uranium Enrichment Operations"  www.jnc.go.jp/j ncweb/rdproj ect/n3n5	(9)
02644	02644	Web Press Release	10/06/98	Japan NuclearFuel Limited			"Start of Full Scale Operations at the RE-2C Production Facility at the Rokkasho Uranium Enrichment Plant, www.jnfl.co.jp/public	(9)
02645	02645	Press Release Web	02/28/00	Japan NuclearFuel Limited			"JNFL Announces Suspension of Full Scale Cascade Operation at Uranium Enrichment Plant RE-IA	(9)

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							Facility"	
02646	02649	Press Release	10/06/00	Japan NuclearFuel Limited			"The Future of Uranium Enrichment Operations"  www.jnfl.co.jp/public	(9)
02650	02651	Press Release	06/19/02	USEC			"Governments Approve New USEC-Russian Agreement"  Press Release	(9)
02652	02653	Article	06/24/02				"Fuel Companies, Other Experts Warn About Possible Impacts of New HEU Deal"  NuclearFuel	(9)
02654	02656	Article	08/09/99				"German-Russian Project Expanding to Blend Weapons HEU with REPU"  NuclearFuel	(9)
02657	02660	Chart	11/90	EI			Excerpts from EEI Enrichment Handbook, Report NFC-90- 001, Section 3	(9)
02661	02663	Article	08/19/02	Platts Nuclear Fuel			"Framatome, Elektrostal Looking to Double Business in Down- Blended HEU Fuel"	(9)
02664	02669	Paper	10/10/95	E. Mikerin A. Minatom G. Soloviev A. Chernov			"The Industrial Process of Blending Russian Weapons HEU into LEU Commercial Reactors presented at the NEI International Uranium Fuel Seminar	(9)
02670	02670	Chart	11/02/01	DOE			"Surplus HEU Inventory"  www.aty12.doe.gov/hdpo	(9)

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02671	02682	FRN	11/19/01	EPA			<p>"Blending of Surplus HEU From the Department of Energy, to Low Enriched Uranium for Subsequent use as Reactor Fuel at the TVA Browns Ferry Nuclear Plant"</p> <p>Notice of Issuance of ROD, www.epa.gov/fedrgstr/EPAIMPA CT/2001/November/Day191i2884</p> <p>66 FR 57997</p>	(9)
02683	02710	Report	12.00	DOE			Report to Congress on Maintenance of Viable Domestic Uranium, Conversion and Enrichment Industries, page 6	(9)
02711	02725	Report/ Table	1997	D. Albright et al.			Excerpt from Plutonium and Highly Enriched Uranium 1996, World Inventories, Capabilities and Policies, Oxford University Press, Table 4.3	(9)
02726	02729	Article	10/14/02	Platts Nuclear Fuel			"Cogema Signs MOU With Urenco on Joint Venture on Centrifuge, Plans GDP Replacement Plant"	(9)
02730	02731	Press Release	07/23/02	Urenco			"U.S. Uranium Enrichment Partnership Expands/Appoints New President"	(9)
02732	02733	Article	09/02/03				<p>"LES to Build \$1.2 Billion Uranium Enrichment Facility: Company Chooses Lea County New Mexico"</p> <p>Energy Markets</p>	(9)

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02734	02739	Article	09/03/03	R. Trout			"County Stands United in Billion-dollar Project"  The Hobbs News-Sun,	(9)
02740	02741	Article	12/05/02	J. Walker			"USEC Announcement"  The Paducah Sun	(9)
02742	02747	Paper	09/02	D. Spurgeon			"Fueling the Nuclear Renaissance," presented at the WNA Symposium	(9)
02748	02755	Press Release	07/30/03	USEC			USEC Inc., "USEC Reports Improved Gross Margin From Continued Cost Control"	(9)
02756	02757	Article	05/17/99	Platts Nuclear Fuel			"China Moved Centrifuge Complex to Keep Enriching V' at Lanzhou"  NuclearFuel	(9)
02758	02758	Article	12/11/02	Forbes.com, Reuters			"Brazil opens uranium enrichment plant"	(9)
02759	02762	Web	01/23/03	NTI			"Uranium Enrichment" -- China	(9)
02763	02774	Paper	04/02	F. Rives Entergy			"Fuel Security - What is it and Can it Really be Achieved?" presented at Nuclear Energy Institute Fuel Cycle 2002	(9)
02775	02785	Slides	10/01/02	D. Culp Duke Energy			"Security of Supply_Fact or Fiction", presented at Nuclear Energy Institute International Uranium Fuel Seminar 2002	(9)

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02786	02787	Table	05/03	DOE/EIA			"Uranium Industry Annual 2002, Table 25 (p. 25)"	(9)
02788	02790	FRN	02/13/02				"Notice of Amended Final Determination of Sales at Less Than Fair Value and Antidumping Duty Order: Low Enriched Uranium From France" ia.ita.doc.gov/frn/0202frn/02-3538.txt, (67 FR 6680)	(9)
02791	02793	FRN	2/13/02				"Notice of Amended Final Determination and Notice of Countervailing Duty Order: Low Enriched Uranium From France" ia.ita.doc.gov/frn/0202frn/02-3537.txt,  Federal Register (67 FR 6689)	(9)
02794	02795	Letter	10/25/01	C. McNeill - Exelon M. Tuckman - Duke	Pres. Bush		Letter re U.S. uranium enrichment market	(9)
02796	02805	Letter	11/13/02	J. O'Neill Shaw Pittman	Lesar - NRC		Comments on LES White Papers on behalf of specified utilities	(9)
02806	02807	Article	03/18/02	Platts Nuclear Fuel			"ICF Report on USEC Surfaces"	(9)
02808	02809	Article	12/05/02	J. Walker			"USEC Announcement," The Paducah Sun	(9)
02810	02815	Paper	09/02	Spurgeon			Fueling the Nuclear Renaissance presented at the WNA Symposium	(9)
02816	02817	Article	07/15/02	The Ux Weekly			"Forum Looks at Nonproliferation Challenges", Remarks by J.	(9)

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							Timbie, Department of State at the Ninth Annual International Nuclear Materials Policy Forum, July 2002, The Ux Weekly	
02818	02819	Report	1997	D. Albright et al.			Excerpt from <u>PU and HEU 1996 World Inventories, Capabilities and Policies</u> page 441.	(9)
02820	02842	Article	04/02	NUKEM			"Minatom Rising"  Nukem Market Report, page 24	(9)
02843	02850	Paper	5/03	V. Korotkevich, A. Knutarev G. Soloviev			"Current State and Perspectives on the Development of the Russian Enrichment Industry and its Impact on the World Uranium Market," presented at the WNA Midterm Meeting, Moscow	(9)
02851	02868	LD	06/17/02	DOE USEC			Agreement Between the U.S. Department of Energy and USEC Inc., Article 5.B	(9)
02869	02960	Trans.	1/24/95	Alderson Reporting Co.	[NONE]		Transcript for deposition of David Osterberg in LES-1 proceeding	
02961	02962	E-mail/ Fax	10/27/03	J. Shaw  D. Titus (PNM)	R. Campbell S. Rogers  J. Shaw	R. Greenleaf	PNM Valve Regulator Information Natural Gas	(10)
02963	02963	E-mail	10/17/03	C. Funk (LGE)	K. Lowrey (LGE)		Natural Gas Pipe Estimate -- discusses materials of construction for natural gas pipe	(10)



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				R. Campbell	J. Shaw	C. Funk		
02964	02964	E-mail	10/17/03	J. Shaw	K. Lowrey R. Campbell	R. Campbell J. Shaw B. Lewis	Natural Gas Pipe Estimate	(10)
			10/17/03	K. Lowrey	C. Funk			
			10/17/03	C. Funk	K. Lowrey	C. Funk		
			10/17/03	R. Campbell	J. Shaw			
02965	02966	Letter	11/30/03	J. Shaw (LGE)	D. Titus (PNM)	Project File (LGE) R. Krich (Exelon) B. Dossey (Gas Services Regional Operations)	NEF Memorandum of Understanding – regarding natural gas supply	(10)
02967	02967	Drawing	8/26/03	D. Muth (Pettigrew & Assoc, P.A.)	[NONE]		Boundary Survey, Sections 32 & 33, T21SR38E, NMPM – identifies pipeline locations, right- of-ways, easements	(10)
02968	02968	Drawing gasline. Drawing	6/30/04	Not specified	[NONE]		LES Underground Pipeline & Exclusion Zones	(10)
02969	02969	Report	10/2/03	J. Shaw	[NONE]		Telephone Call Record with D. Titus (PNM) regarding Availability of Natural Gas	(10)
02970	02978	Report L4-53- 52-STU	10/22/03	S. Rogers (LGE)	[NONE]		Study – NEF Fuel Supply	(10)
02979	02980	E-mails	8/04/04	F. Sauve	C. Funk		LES NEF Natural Gas Radius of Exposure  [includes a copy of response to	(10)

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							NEF Action Item 22-003 (which provides preliminary design for the natural gas pipeline routing to the NEF]	-
02981	02982	Memorandum	6/29/04	C. Funk F. Sauve J. Shaw	R. Krich	D. Green	"LG Response to NEF Action Item – No. 22-005"  Attach: "Figure NG-1, Preliminary Natural Gas Routing for NEF"	(10)
02983	02984	E-mail	6/28/04	F. Sauve	D. Green G. Harper	J. Shaw C. Funk	"Subject: RE: Natural Gas Figure, NEF Action Item 22-005, Comments"	(10)
02985	02987	E-mail	6/18/04	F. Sauve	D. Green G. Harper	J. Shaw C. Funk R. Greenleaf D. Holland	"Subject: Natural Gas Figure, NEF Action Item # 22-005 (018511)  Attach: Figure, "Preliminary Natural Gas Routing"	(10)
02988	02990	E-mail	8/2/04	F. Sauve	R. Campbell	J. Shaw C. Funk	"Subject: RE: LES NEF Nat Gas Radius of Exposure"  Attach: LG Response to NEF Action Item – No. 22-005" (6/29/04)	(10)
02991	02994	E-mail	6/21/04	F. Sauve	C. Funk	J. Shaw	"Subject: RE: Natural Gas Figure, NEF Action Item 22-005, Comments"  Attach: Figure w/ handwritten notes	(10)
02995	02996	E-mail	6/21/04	F. Sauve	D. Green	G. Harper J. Shaw	"Subject: RE: Natural Gas Figure, NEF Action Item 22-005,	(10)

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						C. Funk	Comments"	
02997	02999	E-mail	6/21/04	F. Sauve	C. Funk	J. Shaw R. Punch	"Subject: FW: Natural Gas Figure, NEF Action Item 22-005, Comments"  Attach: Figure, "Preliminary Natural Gas Routing"	(10)
03000	03000	E-mail	6/8/04	F. Sauve	C. Funk	J. Shaw Keith Lowrey	"Subject: FW: Natural Gas Pipeline Design Details Request"	(10)
03001	03003	E-mail	6/18/04	F. Sauve	D. Green G. Harper	J. Shaw R. Greenleaf D. Holland C. Funk	"Subject: Natural Gas Figure, NEF Action Item # 22-005 (018511)  Attach: Figure, "Preliminary Natural Gas Routing"	(10)
03004	03004	E-mail	6/7/04	D. Green	F. Sauve J. Shaw	R. Krich G. Harper	"Subject: Natural Gas Pipeline Design Details Request"	(10)
03005	03007	E-mail	6/28/04	F. Sauve	D. Green G. Harper	J. Shaw C. Funk	"Subject" RE: Natural Gas Figure, NEF Action Item 22-005, Comments" (w/ attach)	(10)
03008	03009	E-mail	6/7/04	D. Green	F. Sauve J. Shaw	R. Krich G. Harper	"Subject: Natural Gas Pipeline Design Details Request"	(10)
03010	03010	E-mail	7/22/04	G. Harper	R. Krich		"Subject: NRC Questions from May Site Visit"	(10)
03011	03011	E-mail	8/2/04	R. Campbell	F. Sauve	J. Shaw	"Subject: LES NEF Nat Gas Radius of Exposure"	(10)
03012	03012	E-mail	8/2/04	J. Shaw	F. Sauve R. Campbell	C. Funk	"Subject: RE: LES NEF Nat Gas Radius of Exposure"	(10)
03013	03014	Memora ndum	---	R. Dunn (Sid Richardson Energy Services Co.)	R. Campbell		Memo providing aerial map showing 14" and 16" pipelines in Sections 32 and 33	(10)

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03015	03016	Letter	9/22/03	R. Dunn (Sid Richardson Energy Services Co.)	R. Campbell		Letter providing aerial map showing 14" and 16" pipelines in Section 32 and 33	(10)
03017	03017	E-mail	12/18/03	S. Thomson	J. Snooks		"Subject: Pipeline Hazard Calc. – Downloaded Database"	
03018	03019	Notes	6/30/03 to 9/4/03	J. Snooks	[NONE]		<p>"Telephone Chronology – Regulatory Compliance Programs – Marlborough"</p> <p>"Subject: LES-NM: Gas Lines"</p> <p>Documents phone calls from 6/30/03 to 9/4/03 between Snooks and various entities re location of pipelines.</p>	(10)
03020	03020	Report	[NONE]	[NONE]	[NONE]		Apparent excerpt from unknown report or analysis entitled "3.8 – Oil and Gas Pipeline Hazard Assessment"	(10)
03021	03021	Drawing	8/29/85 8/30/85 (Rev. 1)	Big Three Industries, Inc. (Houston)	[NONE]		Property Plat – "Pipeline Right-of-Way Crossing State on New Mexico Public Lands"	(10)
03022	03059	Calc.	12/1/03	S. Thomson J. Snooks			FINAL "Calculation 32 – 2400572 – 00, Natural Gas Pipeline Hazard Risk Determination, Revision 0"	(10)
03060	03106	Calc.	12/12/03	S. Thomson J. Snooks			FINAL "Calculation 32 – 2400572 – 01, Natural Gas Pipeline Hazard Risk Determination, Revision 1"	(10)
03107	03161	Calc.	1/16/04	S. Thomson			FINAL "Calculation 32 – 2400572	(10)

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				J. Snooks			– 02, Natural Gas Pipeline Hazard Risk Determination, Revision 2"	
03162	03204	Calc.	12/18/03	S. Thomson J. Snooks			<p>"Calculation 32 – 2400572 – 01, Natural Gas Pipeline Hazard Risk Determination, Revision 1"</p> <p>Includes Calculation Summary Sheet and Rev. 1 of Calculation. Also includes numerous handwritten notes and "Post-It" Notes.</p>	(10)
03205	03209	Calc.	12/11/03	S. Thomson J. Snooks			Comments on portions of draft Calculation 32-2400572-01	
03210	03251	Calc.	Not specified	S. Thomson J. Snooks			Revisions to "Calculation 32 – 2400572 – 00, Natural Gas Pipeline Hazard Risk Determination, Revision 0"	(10)
03252	03290	Calc.	12/1/03	S. Thomson J. Snooks			Calculation 32 – 2400572 – 00, Natural Gas Pipeline Hazard Risk Determination, Revision 0" with revised CSS	
03252	03327	Calc.	11/24/03	S. Thomson J. Snooks			Draft version of "Calculation 32 – 2400572 – 00, Natural Gas Pipeline Hazard Risk Determination, Revision 0"	(10)
03328	03364	Calc.	11/22/03	S. Thomson J. Snooks			Draft version of "Calculation 32 – 2400572 – 00, Natural Gas Pipeline Hazard Risk Determination, Revision 0"	(10)
03365	03399	Calc.	11/20/03	S. Thomson J. Snooks			Draft version of "Calculation 32 – 2400572 – 00, Natural Gas Pipeline Hazard Risk	(10)

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							Determination, Revision 0"	
03400	03433	Fax/ Calc.	11/5/03	S. Thomson	J. Snooks		Fax forwarding Thomson's comments on draft version of "Calculation 32 – 2400572 – 00, Natural Gas Pipeline Hazard Risk Determination, Revision 0" (undated)	(10)
03434	03487	Calc.	1/16/04	S. Thomson	[NONE]		Document Release Form for "Calculation 32 – 2400572 – 02, Natural Gas Pipeline Hazard Risk Determination, Revision 2"  Attachments include Calculation Summary Sheet, Record of Revisions, and Calculation itself.	(10)
03488	03488	E-mail	1/29/04	J. Copeland	S. Thomson		"Subject: RE: 32-2400572-02"	(10)
03489	03489	E-mail	1/19/04	J. Snooks	S. Thomson		"Subject: RE: Pipeline Calc – Shipped"	(10)
03490	03490	E-mail	1/16/04	S. Thomson	J. Snooks		"Re: Pipeline Hazard Calc. – Fax	(10)
03491	03492	E-mail	1/13/04	J. Snooks	S. Thomson	G. Harper	"Subject: RE: Pipeline Hazard Calc. Rev. 2"	(10)
03493	03494	E-mail	1/6/04	J. Snooks	S. Thomson		"Subject: RE: Pipeline Hazard Calc. Rev. 2"	(10)
03495	03495	E-mail	12/18/03	S. Thomson	J. Snooks		"Subject: Rev 3 [2] – Pipeline Hazard Calc"	(10)
03496	03496	Table	1/5/04	[NONE]	[NONE]		"Table 1 – Pipeline Statistic for 1998 to 2001 (Source: Official Website for Office of Pipeline Safety: ops.dot.gov, Reference 7)  Excerpted from draft version of	(10)

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							"Calculation 32 – 2400572 – 00, Natural Gas Pipeline Hazard Risk Determination, Revision 2"	
03497	03499	Notes	1/5/04	S. Thomson	[NONE]		Handwritten notes (pencil) re natural gas explosions (3 pages)	(10)
03500	03501	Notes	[NONE]	S. Thomson	[NONE]		Handwritten notes re natural gas explosions risks	(10)
03502	03546	Calc.	12/19/03	S. Thomson J. Snooks	[NONE]		Copy of excerpt from draft version of "Calculation 32 – 2400572 – 01, Natural Gas Pipeline Hazard Risk Determination, Revision 1" with numerous handwritten comments in red ink and pencil	(10)
03547	03599	Calc.	1/6/04	S. Thomson J. Snooks			Draft version of "Calculation 32 – 2400572 – 02, Natural Gas Pipeline Hazard Risk Determination, Revision 2"  Includes Calculation Summary Sheet and Rev. 2 of Calculation. Also includes numerous handwritten notes and "Post-It" Notes [copy with notes attached].	(10)
03600	03644	Calc.	12/19/03	S. Thomson J. Snooks			Draft version of "Calculation 32 – 2400572 – 02, Natural Gas Pipeline Hazard Risk Determination, Revision 2"	(10)
03645	03664	Calc.	1/6/04	S. Thomson J. Snooks			Excerpts from draft version of "Calculation 32 – 2400572 – 02, Natural Gas Pipeline Hazard Risk	(10)

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<b>Doc Begin</b>	<b>Doc End</b>	<b>Doc Type</b>	<b>Doc Date</b>	<b>Author/ "From"</b>	<b>Recipient/ "To"</b>	<b>Cc: or Fw:</b>	<b>Title/Subject</b>	<b>Relevant Contention<sup>1</sup></b>
							Determination, Revision 2"	
03665	03670	Web/ Tables	12/18/03	[NONE]	[NONE]		5 pages printed from <a href="http://ops.dot.gov">http://ops.dot.gov</a> , re: "Annual Mileage Totals Transmission – Distribution" and "Incident and Accident Data"	(10)
03671	03675	Data	[NONE]				Printout entitled "NT.LEAK.TXT – Natural Gas Transmission Incidents data file fields" (5 pages)	(10)
03676	03676	Data	[NONE]				Printout entitled "T_READ.ME"	(10)
03677	03677	Table/ Data	[NONE]				Printout entitled "TEL_read.me." Identifies enclosed files.	(10)
03678	03679	Table/ Data	[NONE]				Printout entitled NTELE.TXT – Telephonics data fields" (2 pages)	(10)
03680	03693	Table/ Data	12/18/03				Printout entitled "T_DATA Incident Types 1998-2001" (7 pages). Contains handwritten notes.	(10)
03694	03701	Table/ Data	12/30/03, revised 1/5/04				Table entitled "Incidents and Telephonic Records 1998 – 2001" (8 pages). Contains extensive handwritten notes.	(10)
03701	03708	Table/ Data	12/29/03				Table entitled "T_DATA Incident Types 1998 – 2001" (7 pages). Contains extensive multi-colored highlighting and handwritten notes.	(10)
03709	03714	Table/	12/19/03				Table entitled "T_DATA Incident	(10)



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Doc Begin	Doc End	Doc Type	Doc Date	Author/ "From"	Recipient/ "To"	Cc: or Fw:	Title/Subject	Relevant Contention <sup>1</sup>
		Data					Types 1998 – 2001" (12/19/03 unadjusted version) (6 pages). Contains some handwritten notes.	
03715	03721	Table/ Data	[NONE]				Unnamed table containing incident data for 1998 – 2001 (7 pages)	(10)
03722	03728	Table/ Data	12/18/03				Unnamed table containing incident data for 1998 – 2001 ("from Moses. file) (7 pages). Contains purple/orange highlighting and some handwritten notes.	(10)
03729	03751	Table/ Data	12/29/03				Unnamed table containing incident file information for 1998 (23 pages). Contains highlighting and handwritten notes.	(10)
03752	03849	Table/ Data	12/29/03				Unnamed table containing incident file information for 1999 through 2001 (98 pages). Contains highlighting and handwritten notes.	(10)
03850	03850	E-mail	12/12/03	J. Snooks	S. Thomson		"Subject: Pipeline Hazard Calc. Rev. 1 Comments" (attachment missing)	(10)
03851	03851	E-mail	12/12/03	S. Thomson	J. Snooks		"Hazard Pipeline Calc. Rev. 1 Comments"	(10)
03852	03852	E-mail	12/11/03	S. Thomson	J. Snooks		"Subject: RE: Calc Copy Request"	(10)
03853	03853	E-mail	12/11/03	J. Snooks	S. Thomson		"Subject: Pipeline Rev."	
03854	03854	E-mail	12/11/03	S. Thomson	J. Snooks		"Subject: RE Calc Copy Request"	(10)
03855	03855	E-mail	12/11/03	J. Snooks	S. Thomson		"Subject: RE Calc Copy Request"	(10)
03856	03856	E-mail	12/5/03	S. Thomson	J. Snooks		"Subject: 99% There – Pipeline	

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							Calc"	
03857	03862	E-mail	12/8/03	S. Thomson	J. Snooks		"Subject: Pipeline Calc Comments 12-5-03"  Attachment – Handwritten comments on select pages of Calculation 32-2400572-00.	(10)
03862	03864	E-mail	12/4/03	J. Snooks	S. Thomson		"Subject: FW: Calc Questions" (forwarding earlier e-mail from J. Snooks to G. Harper); includes some handwritten notes	(10)
03865	03865	E-mail	11/24/03	S. Thomson	J. Snooks		"Subject: FW: FRED No."	(10)
03866	03866	E-mail	11/20/03	J. Snooks	S. Thomson		"Revised Pipeline Calc"	(10)
03867	03867	E-mail	11/5/03	S. Thomson	J. Snooks		"Subject: Natural Gas Pipeline Calc."	(10)
03868	03868	E-mail	11/3/03	M. Yeung	S. Thomson		"Subject: gas pipeline"	(10)
03869	03869	E-mail	11/5/03	S. Thomson	J. Snooks		"Subject: Natural Gas Pipeline Calc."	(10)
03870	03872	Calc.	12/10/03	J. Snooks S. Thomson	[NONE]		Signed Calculation Summary Sheet and Design Verification Checklist for "Calculation 32-2400572-00, Natural Gas Pipeline Hazard Risk Determination"  Contains handwritten note: "Superseded by revision 1 – rev. 0 dated 12/1/03 already made it into system."	(10)
03873	03878	Reg. Guid.	2/1978	NRC	[NONE]		Regulatory Guide 1.91 (Revision 1), "Evaluations of Explosions	(10)

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							Postulated to Occur On Transportation Routes Near Nuclear Power Plants"	
03879	03879	E-mail	6/29/04	S. Thomson	G. Harper		"Subject: ISA-41"  Pertains to need to revise the pipeline hazard probability in the SAR.	(10)
03880	03880	Drawing	6/30/04	LES	[NONE]		"Figure NG-1 – Preliminary Natural Gas Routing for NEF"	(10)
03881	03881	E-mail	11/21/03	S. Thomson	J. Snooks		"Subject: Credible/Not Credible?"	(10)
03882	03882	Notes	10/22/03	J. Snooks	[NONE]		Draft paragraph re natural gas pipeline hazard assessment	(10)
03883	03883	E-mail	11/21/03	S. Thomson	J. Snooks		"Subject: Highway and Pipeline Calcs"	(10)
03884	03884	E-mail	12/18/03	S. Thomson	J. Snooks		"Subject: More Thought"  [Notes that some explosions are associated with leaks and not ruptures and some with the incident type "other"]	(10)
03885	03885	E-mail	12/1/03	S. Thomson	J. Snooks		"Subject: Pipeline Calc – Final"	(10)
03886	03886	E-mail	11/21/03	S. Thomson	J. Snooks		"Subject: Pipeline Calc Reminder"	(10)
03887	03887	E-mail	11/24/03	S. Thomson	J. Snooks		"Subject: Pipeline Calc."	(10)
03888	03888	E-mail	1/16/03	S. Thomson	J. Snooks		"Subject: Pipeline Calc – Fax"	(10)
03889	03889	E-mail	12/11/03	S. Thomson	J. Snooks		"Subject: Pipeline Hazard Calc. Rev. 1 Comments"	(10)
03890	03890	E-mail	1/6/04	S. Thomson	J. Snooks		"Subject: Pipeline Hazard Calc Rev. 2"	(10)

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03891	03908	Calc.	10/17/03	J. Snooks	[NONE]		Electronic file entitled "Pipeline Hazard Calculation.doc" – draft of "Calculation 32 – 2400572 – 02, Natural Gas Pipeline Hazard Risk Determination"	(10)
03909	03934	Calc.	10/24/03	J. Snooks	[NONE]		Electronic file entitled "Pipeline Hazard Calculationx1.doc" – draft of "Calculation 32 – 2400572 – 02, Natural Gas Pipeline Hazard Risk Determination"	(10)
03935	03970	Calc.	11/22/03	J. Snooks	[NONE]		Electronic file entitled "Pipeline Hazard Calculationx2.doc" – draft of "Calculation 32 – 2400572 – 02, Natural Gas Pipeline Hazard Risk Determination"	(10)
03971	04006	Calc.	11/22/03	J. Snooks	[NONE]		Electronic file entitled "Pipeline Hazard Calculationx3.doc" – draft of "Calculation 32 – 2400572 – 02, Natural Gas Pipeline Hazard Risk Determination"	(10)
04007	04042	Calc.	11/25/03	J. Snooks	[NONE]		Electronic file entitled "Pipeline Hazard Calculationx3a.doc" – draft of "Calculation 32 – 2400572 – 02, Natural Gas Pipeline Hazard Risk Determination"	(10)
04043	04078	Calc.	12/1/03	J. Snooks	[NONE]		Electronic file entitled "Pipeline Hazard Calculationx3b.doc" – draft of "Calculation 32 –	(10)

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							2400572 – 02, Natural Gas Pipeline Hazard Risk Determination"	
04079	04114	Calc.	12/4/03	J. Snooks	[NONE]		Electronic file entitled "Pipeline Hazard Calculationx3c1.doc" – draft of "Calculation 32 – 2400572 – 02, Natural Gas Pipeline Hazard Risk Determination"	(10)
04115	04150	Calc.	12/1/03	J. Snooks	[NONE]		Electronic file entitled "Pipeline Hazard Calculationx3c.doc" – draft of "Calculation 32 – 2400572 – 02, Natural Gas Pipeline Hazard Risk Determination"	(10)
04151	04194	Calc.	12/11/03	J. Snooks	[NONE]		Electronic file entitled "Pipeline Hazard Calculationx4.doc" – draft of "Calculation 32 – 2400572 – 02, Natural Gas Pipeline Hazard Risk Determination"	(10)
04195	04239	Calc.	12/12/03	J. Snooks	[NONE]		Electronic file entitled "Pipeline Hazard Calculationx5.doc" – draft of "Calculation 32 – 2400572 – 02, Natural Gas Pipeline Hazard Risk Determination"	(10)
04240	04240	Notes	7/27/04	J. Snooks	[NONE]		"Pipeline Question Responses"  [Notes/draft responses re NRC questions]	(10)

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04241	04241	Notes	7/30/04	J. Snooks	[NONE]		Revised version of "Pipeline Question Responses"  [Notes/draft responses re NRC questions]	(10)
04242	04242	E-mail	11/20/03	S. Thomson	J. Snooks		"Subject: RE: Revised Pipeline Calc."	(10)
04243	04243	E-mail	12/10/03	S. Thomson	J. Snooks		"Signed Cover Sheet and DVC – Pipeline Hazard Calc"	(10)
04244	04244	E-mail	12/1/03	S. Thomson	J. Snooks		"Subject: Signed Coversheet – Pipeline Calc"	(10)
04245	04245	E-mail	10/31/03	S. Thomson	J. Snooks		"Subject: TNT Equivalent"	(10)
04246	04246	E-mail	12/19/03	S. Thomson	J. Snooks		Untitled e-mail re natural gas pipeline calculation	(10)
04247	04247	E-mail	6/19/04	D. Green	F. Sauve J. Shaw	G. Harper	"Natural Gas Figure, NEF Action Item 22-005, Comments"	(10)
04248	04248	E-mail	6/7/04	D. Green	F. Sauve J. Shaw	R. Krich G. Harper	"Subject: Natural Gas Pipeline Design Details Request"	(10)
04249	04250	E-mail	9/4/03	J. Snooks	G. Harper		"Subject: LES Gas Lines and Oil Site"	(10)
04251	04252	E-mail	10/22/03	J. Snooks	D. Marcelli		"Subject: RE: GAS Pipeline hazard"  Attach: untitled narrative re underground natural gas pipeline	(10)
04253	04254	E-mail	6/8/04	G. Harper	D. Green		"Subject: FW: Pipeline Calc Revisions"	(10)
04255	04255	E-mail	6/7/04	G. Harper	D. Green		"Subject: Request for LG on Gas Pipeline"	(10)

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04256	04258	Legal	11/26/85	Big Three Industries, Inc.	New Mexico State Land Office		"Application for Right-of-Way Easement" (3 pages)	(10)
04259	04259	Drawing	8/29/85 8/30/85 (Rev. 1)	Big Three Industries, Inc. (Houston)	[NONE]		Property Plat – "Pipeline Right-of-Way Crossing State of New Mexico Public Lands"	(10)
04260	04270	Legal	10/7/86	New Mexico State Land Office	Big Three Industries, Inc.		"Assignment of Right of Way and Easement"	(10)
04271	04272	Legal	5/23/62	State of New Mexico	Lea County, NM		"Grant of Right of Way"	(10)
04273	04277	Legal	10/2/85	New Mexico State Land Office	Big Three Industries, Inc.		"Grant of Right of Way" (5 pages)	(10)
04278	04279	Legal	11/24/93	New Mexico State Land Office	El Paso Natural Gas Co. Leopartners, L.P.		"Assignment of Right of Way and Easement"	(10)
04280	04281	Legal	5/23/62	State of New Mexico	E. S. (Johnny) Walker, Lea County, NM		"Grant of Right of Way" (Permit No. RW-15449)	(10)
04282	04286	Legal	6/10/35	State of New Mexico	Gypsy Oil Co.		"Oil and Gas Lease" (Lease No. B-4467)	(10)
04287	04292	Legal	8/29/49	State of New Mexico	El Paso Natural Gas Co.		"Permit for Right-of-Way and Easement" (Permit No. L-2673)	(10)
04293	04294	Legal	9/25/46	State of New Mexico	El Paso Natural Gas Co.		"Permit for Right-of-Way and Easement" (Permit No. M-2273)	(10)
04295	04322	Letter	6/18/03	J. D. Norby (Director of Public Works - Lea County, New Mexico)	G. A. Harper (Framatome-ANP)	None	Pipe Lines Locations - w/ the following maps enclosed.  -West Texas CO <sub>2</sub> Pipeline S.V.3, M.L.V4, S.V.4	(10)

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							<ul style="list-style-type: none"> <li>-Topographic Map</li> <li>-Sid Richardson Energy Services Co., Pages 33, 34, 35, 47, 48 (Jan 2003)</li> <li>-All American Pipeline – West Texas North and West Texas South Areas for Wasson South Crude Lines – Lea County – Henrick – McCamey</li> <li>- 3 section maps showing ownership</li> <li>-Map showing WCS'</li> <li>- Lea County New Mexico (South Portion)</li> <li>- Williams Energy Services – 3" Adobe Antelope Lateral, 3" Getty Grama Lateral, Lea County, New Mexico</li> <li>-WCS Andrews Site, Sample Location Map</li> <li>-Sid Richardson Energy Services Co., Page 23</li> <li>-Sid Richardson Gasoline Co., Pages 60, 75, and 76</li> <li>-Line Map, Blinbry-Drinkard SWD System, Lea County, New Mexico</li> <li>- Duke Energy, Eunice, New Mexico Area</li> <li>- Duke Energy Field Services – Map of Southeastern New Mexico</li> <li>- Sid Richardson Energy Services Co., Pages 32 (Dec 2000), 33 (June 2001), 46 (Dec 2000), 47 (Jan 2001)</li> <li>-USGS Map - Hobbs, New Mexico; Texas</li> </ul>	



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							- Map showing oil and gas field, pumping stations, etc. in the Lea County vicinity	
04323	04324	E-mail	8/3/04	A. Wade	R. Krich		"Subject: Barr Email"	(1)
04325	04330	E-mail	12/19/02	C. Andrews	D. Marcelli N. Panzarino		"Subject: FW: Dose Assessment LES-2 Plant Revision B" (forwards dose rate data from Urenco Nederland)  Attachment – "Paper No. UPD/0203044, Revision B, Assessment of Radiation Doses by Workers at the Hartsville Enrichment Plant" (12/19/02)	(1)
04331	04332	Report	2001	Urenco	[NONE]		Excerpt ("Radiological Safety") from Urenco "Health, Safety and Environmental Report 2001"	(1)
04333	04340	Calc.	9/29/03	A. Brown			"FANP Document No. 32-2400000-01, National Enrichment Facility – Plant Facts"	(1)
04341	04341	Drawing					FANP Document No. 02-5034018B-01, Uranium Byproduct Cylinders (UBC) Storage Pad, Lockwood Greene Drawing 1400-M-2500, Rev. 0.	(1)
04342	04342	E-mail	10/20/03	J. Pelczar	M. Strum		"Subject: resuspension"	(1)
04343	04343	E-mail	9/22/03	M. Fuller	M. Strum	Edward Maher	"Subject: Requested Information"	(1)
04344	04345	E-mail	9/16/03	T. Messier	G. Harper D. Pepe M. Kennedy B. Hubbard	J. Hamawi M. Strum F. Seifae	"Subject: NRC PAVAN Accident Atmospheric Dispersion Factor Code – Report by J. H and Ted M"	(1)

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04346	04347	E-mail	9/4/03	T. Messier	G. Harper E. Maher	M. Strum J. Hamawi T. Messier	"Subject: Met Data for Use in URENCO Project"	(1)
04348	04348	E-mail	9/12/02	N. Panzarino	W. McKelvy (LG)	A. Brown G. Harper R. Morgan	"Subject: Contamination Monitors"	(1)
04349	04352	E-mail	9/15/03	G. Harper	N. Panzarino		"FW: tails cylinders numbers"  Attach: "Position – UBC Storage and Tails Disposition for the National Enrichment Facility"	(1)
04353	04359	Report	Rev. A (9/22/03)	A. Funk	[NONE]		L4-50-05-STU, "UBC Storage Pad Study"	(1)
04360	04363	Report	1/13/03	J. Shaw	C. Davies		"Subject: Measurement of neutron dose rates around 48" vessels"	(1)
04364	04366	E-mail	2/26/04	D. Davidson (Cogema)	J. Ferland		"Subject: NDA"  Final Signed Confidentiality Agreement attached	(5)
04367	04367	E-mail	8/12/04	J. Curtiss	Other parties		"Subject: ER Discussion of Impacts of Deconversion Facility"	(6)
04368	04368	E-mail	4/29/04	D. Green	R. Krich		"Subject: SP1 Decommissioning"	(7)
04369	04373	E-mail	06/21/04	J. Curtiss	D. Pato C. Coppin L. Lovejoy		Subject: LES Response to NRC RAI on Decommissioning Contingency Factor  Follow-up to the discussion at the Prehearing conference  ATT: RAI response on Decommissioning	(7)
04374	04375	E-mail	7/7/04  7/7/04  7/7/04	J. Curtiss  J. Curtiss  L. Lovejoy	R. Krich  L. Lovejoy  J. Curtiss		"Subject: LES licensing proceeding" [re contingency factor issue]	(7)

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			7/6/04	J. Curtiss	L. Lovejoy			
			7/2/04	L. Lovejoy	J. Curtiss			
04376	04376	E-mail	7/6/04	J. Curtiss	D. Pato		Subject: 25% [Decommissioning] contingency for NEF Facility Decommissioning  Inquiry as to whether issues has been reviewed with AG's expert	(7)
04377	04377	E-mail	7/9/04	D. Pato	Service List		"Subject: New Mexico Attorney General's Notification of Licensing Board of Status of Position on Facility Decommissioning Contingency Factor Issue"	(7)

# **Attachment C**

**PUBLICLY AVAILABLE DOCUMENTS**  
**RELEVANT TO THE ADMITTED CONTENTIONS**

**I. RADIATION PROTECTION PROGRAM**

- (1) 10 C.F.R. Part 20, Standards For Protection Against Radiation, Appendix B, Table 2, Annual Limits on Effluent Concentrations (2003) (For NRC effluent concentration limits).
- (2) American National Standard (ANSI), 2001, "Uranium Hexafluoride packaging for transport," Figure 9.5, UF<sub>6</sub> Cylinder 48Y, ANSI N14.1-2001 (For UBC storage cylinder dimensions)
- (3) 49 CFR, Transportation, Subpart I, Radioactive Materials, Part 173.443, Contamination Control (Oct.1, 2002) (For limits on surface contamination of cylinders offered for transport).
- (4) CRC Handbook of Chemistry and Physics, 65<sup>th</sup> Edition, (1984-1985), CRC Press, Inc., Boca Raton, Florida (For information on the chemical properties of UF<sub>6</sub>)
- (5) G. Croff, "ORIGEN 2.1 - Isotope Generation and Depletion Code - Matrix Exponential Method," Oak Ridge National Laboratory, RSIC Computer Code Collection CCC-371 (Aug. 1991) (For information on ORIGEN-2, the industry standard computer code used by LES in defining the source term (activity) and associated photon spectra emanating from natural, enriched, and depleted uranium).
- (6) ISSN 0198-5124, "2002 Local Climatological Data, Annual Summary with Comparative Data, Midland-Odessa, Texas (MAF)," U.S. Department of Commerce (For 2002 annual atmospheric temperature and pressure data measured at Midland-Odessa, Texas)
- (7) ISSN 0198-3512, "2002 Local Climatological Data, Annual Summary with Comparative Data, Roswell, New Mexico (ROW)", U.S. Department of Commerce (For 2002 annual atmospheric temperature and pressure data measured at Roswell, New Mexico).
- (8) 10 C.F.R. Part 20 (For most limiting occupational dose criterion for on-site workers (5 rem/year) and for any unrestricted areas on site (2 mrem/hr); applies to determination of dose equivalent from the UBC storage pad).
- (9) 40 C.F.R. Part 190 (For most limiting dose contribution at site boundary).
- (10) MCNP4C Manual, Monte Carlo N-Particle Transport Code System, RSICC Computer Code Collection, Oak Ridge National Laboratory (For information on the MCNP computer code used to model and determine the dose equivalent from the UBC storage pad).

- (11) EPA 520/1-88-020, Federal Guidance Report No. 11, "Limiting Values of Radionuclide Intake and Air Concentration, Dose Conversion Factors for Inhalation, Submersion, and Ingestion", (ORNL, Sept. 1988) **(For Tables of Dose Conversion Factors for both the inhalation and ingestion exposure pathways).**
- (12) EPA 402-R-93-081, Federal Guidance Report No. 12, External Exposure to Radionuclides in Air, Water, and Soil", (ORNL, Sept. 1993) **(For Tables of Dose Conversion Factors for direct dose from material deposited on the ground plane or from the passing cloud).**
- (13) NUREG-1484, Vol. 1; "Final Environmental Impact Statement for Construction and Operation of Claiborne Enrichment Center, Homer, Louisiana", Docket No. 70-3070, USNRC (Aug. 1994) **(For estimating the scaled annual release of uranium as a bounding value for the dose calculations).**
- (14) NUREG-75/014 (WASH-1400), "Reactor Safety Study: An Assessment of Accident Risks in U.S. Commercial Nuclear Power Plants – Appendix VI", USNRC (Oct. 1975) **(For calculating resuspension factors over time).**
- (15) USNRC Regulatory Guide 1.109, Rev. 1; "Calculation of Annual Doses to Man from Routine Releases of Reactor Effluents for the Purpose of Evaluating Compliance with 10 CFR Part 50, Appendix I" (Oct. 1977) **(For modeling effluent releases and calculating doses to members of the public (including occupancy factors)).**
- (16) B. Shleien (editor), "The Health Physics and Radiological Health Handbook", Revised Edition, (1992) ( ISBN 0-917251-05-9), Published Scinta, Inc. **(For the specific activity of the various uranium isotopes).**
- (17) ICRP Publication 72; "Age-Dependent Doses to Members of the Public from Intake of Radionuclides: Part 5 Compilation of Ingestion and Inhalation Dose Coefficients", International Commission on Radiological Protection (Sept. 1995) **(For the calculation of age-dependent dose factor).**
- (18) Bowman, Hermann, and Brady, "SCALE-4 Analysis of Pressurized Water Reactor Critical Configurations: Volume 2 – Sequoyah Unit 2 Cycle 3" ORNL/TM-12294/V2 **(For formulas for calculating uranium isotopic concentrations in feed, product and tails, in wt%).**
- (19) G. Croff, "ORIGEN 2.1 – Isotope Generation and Depletion Code – Matrix Exponential Method", Oak Ridge National Laboratory, RSIC Computer Code Collection CCC-371 (Aug. 1991) **(For the decay constants used in the calculation of the amount of activity for each isotope in the release mix).**
- (20) U.S. DOE, "Handbook: Airborne Release Fractions / Rates and Respirable Fractions for Non-Reactor Nuclear Facilities", Vol.1 – Analysis of Experimental Data. DOE-HDBK-

- 3010-94, U.S. Department of Energy (Dec. 1994) **(For the resuspension rate of uranic waste in soil contaminated by leaks from large outdoor pools).**
- (21) NUREG/CR-4653; "GASPAR II – Technical Reference and User Guide" Prepared by Pacific Northwest Laboratories (PNL-5907), for US NRC, published date March 1987 **(For the bio-uptake factors for soil to vegetation).**
- (22) NUREG/CR-3332, "Radiological Assessment" A Textbook on Environmental Dose Analysis, J.E. Till, USNRC, September 1983 **(For calculating resuspension factors over time).**
- (23) NUREG/CR-0130, "Technology, Safety and Costs of Decommissioning a Reference Pressurized Water Reactor Power Station" (June 1978) **(For the model used to calculate the dose to the general public from the transportation of UF<sub>6</sub> and solid waste).**
- (24) 49 CFR Part 173, "Shippers – General Requirements for Shipments and Packagings," Sec. 173.441, "Radiation Level Limitations," and 173.443, "Contamination Control" **(for requirements and radiation dose limits applicable to the shipment of radioactive materials).**
- (25) U.S. Census Bureau; GCT-PH1-R. "Population, Housing Units, Area and Density: 2000, Data set : Census 2000 Summary File 1 (SF 1), Geographic Area: New Mexico – Place & County", <http://factfinder.census.gov/>.
- (26) U.S. Census Bureau; GCT-PH1-R. "Population, Housing Units, Area and Density: 2000, Data set : Census 2000 Summary File 1 (SF 1), Geographic Area: Texas – County", <http://factfinder.census.gov/>.
- (27) U.S. Census Bureau; GCT-PH1. "Population, Housing Units, Area and Density: 2000, Data set : Census 2000 Summary File 1 (SF 1), Geographic Area: Texas – Population of Texas Cities Arranged in Alphabetical Order", <http://www.tsl.state.tx.us.ref/abouttx/popcity12000.html>.
- (28) U.S. Census Bureau; PCT12. "Sex By Age [209] – Universe: Total population, Data set : Census 2000 Summary File 1 (SF 1), Geographic Area: New Mexico / Texas – Counties", <http://factfinder.census.gov/>.
- (References (25) through (28) – For population data to determine doses to infants, children, teens and adults was obtained from the following references)**
- (29) Environmental Protection Agency (EPA) Support Center for Regulatory Air Models (SCRAM) World Wide Web site, [www.epa.gov/scram001](http://www.epa.gov/scram001) **(For EPA computer codes MET144 and STAR used to process meteorological data and produce joint frequency distributions, respectively).**
- (30) Lakes Environmental World Wide Web site, <http://www.lakes->

environmental.com/lakewrpl.html (For commercial code WRPLOT View Version 3.5 used to produce wind rose plots).

- (31) U.S. NRC Regulatory Guide 1.145, "Atmospheric Dispersion Models for Potential Accident Consequence Assessments at Nuclear Power Plants", Revision 1, 1983 (For guidance on determining site boundary distances).
- (31) U.S. NRC computer code XOQDOQ (For determining dose impacts from routine radiological emissions from the ground-level source, i.e., atmospheric dispersion/deposition factors).
- (32) "Radiation Shielding" by J. Kenneth Shultis and Richard E. Faw, Prentice Hall PTR (1996) (For the neutron spectrum produced by the Am241 - Fluorine (alpha,n) reaction, so as to determine neutron source strength and spectra in UF<sub>6</sub> as a function of enrichment).
- (33) "Neutron Production in UF<sub>6</sub> from the Decay of Uranium Nuclides", W. B. Wilson, J. E. Stewart, R. T. Perry, Transportation and Safeguards (For the neutron yield from fluorine (in UF<sub>6</sub>) (alpha, neutron) reaction)
- (34) Report No: NRPB/VR/3/12978, "Measurement of neutron dose rates around 48" tails vessels", (Jan. 13, 2003) (For use in normalization of UF<sub>6</sub> Monte Carlo N-Particle Transport (MCNP) code calculations). [Copy provided by LES].
- (35) 10 C.F.R. 20.1301 (100 mrem/yr TEDE) and 40 C.F.R. Part 190 (25 mrem/yr whole body, 25 mrem/yr any organ, and 75 mrem/yr thyroid) (For regulatory dose limits (for all effluent pathways combined) to the maximum exposed individual member of the public).

## **II. DUF6 DISPOSAL COST ESTIMATES AND DUF6 STORAGE & DISPOSAL**

- (1) Memorandum from J. Taylor to NRC Commissioners, SECY-91-019, "Disposition of Depleted Uranium Tails from Enrichment Plants" (Jan. 25, 1991) [Accession No. 9102010170]
- (2) Martin Marietta, "The Ultimate Disposition of Uranium" (Dec. 1990). [See LES Document Log at LES-01357 to 01594].
- (3) Letter from W.H. Arnold (LES) to R. Bernero (NRC) to Forwarding Application for License to Construct & Operate Uranium Enrichment Facility, Vols. 1-8 of SAR, Vols. 1-3 of Environmental Report and Emergency Plan (January 31, 1991). [Accession Package No. 9102060078]
- (4) Letter from J. Hickey (NRC) to W.H. Arnold (LES) to (September 22, 1992). [Accession No. 9209250162]



- (5) Letter from P. LeRoy (LES) to J. Hickey (NRC) to (December 14, 1992). [Accession No. 9212170191]
- (6) Letter from W.H. Arnold (LES) to J. Hickey (NRC) (June 18, 1993). [See LES Document Log at LES-01356 to 01357] [Accession No. 9306280182]
- (7) Letter from J. Hickey (NRC) to P. LeRoy (LES) (June 30, 1993). [See LES Document Log at LES-01350 to 01355] [Accession No. 9307080234]
- (8) Letter from P. LeRoy (LES) to J. Hickey (NRC) forwarding (1) “Depleted UF6 Disposition Study,” Prepared by Duke Engineering & Services, Inc. (Sept. 1990) and (2) Letter from F.A. Shallo (Cogema, Inc.) to LES (Oct. 16, 1991). [Accession Package No. 9110080107 for DUF6 study]
- (9) U.S. Nuclear Regulatory Commission, NUREG-1484, “Final Environmental Impact Statement for the Construction and Operation of Claiborne Enrichment Center, Homer Louisiana, Docket No. 70-3070, Louisiana Energy Services L.P., NRC/NMSS” (Vol. 1) (Aug. 1994)
- (10) U.S. Nuclear Regulatory Commission NUREG-1491, “Safety Evaluation Report for Claiborne Enrichment Center, Homer Louisiana, Docket No. 70-3070, Louisiana Energy Services L.P., NRC/NMSS” (Vols. 1 & 2) (Jan. 1994).
- (11) Citizens Against Nuclear Trash (CANT) Petition for Waiver of 10CFR61.55(a)(3) & 10CFR61.55(a)(6) & for Classification of Depleted U tails as Greater-Than Class-C (GTCC) Radioactive Waste, dated January 17, 1995. [Accession No. 9501270140]
- (12) Louisiana Energy Services' Response in Opposition to CANT Petition for Waiver of 10CFR61.55(a)(3) & 10CFR61.55(a)(6) & for Classification of Depleted U tails as GTCC radioactive waste, dated February 1, 1995. [Accession No. 9502090036]
- (13) NRC Staff Response in Opposition to CANT Petition for Waiver of 10CFR61.55(a)(3) & 10CFR61.55(a)(6) & for Classification of Depleted U tails as GTCC radioactive waste, dated February 6, 1995. [Accession No. 9502160119]
- (14) Cost Analysis Report for the Long-Term Management of Depleted Uranium Hexafluoride, UCRL-AR-127650, Lawrence Livermore National Laboratory, E. Hatem, J. Zoller, L. Szytel (May 1997) (“LLNL Report”).  
<http://web.ead.anl.gov/uranium/documents/docindex/index.cfm>
- (15) U.S. Department of Energy, “Final Programmatic Environmental Impact Statement for Alternative Strategies for the Long-Term Management and Use of Depleted Uranium Hexafluoride” (Apr. 1999)  
<http://web.ead.anl.gov/uranium/documents/nepacomp/peis/parts/maintext.cfm>

- (16) U.S. Department of Energy, "Final Plan for the Conversion of Depleted Uranium Hexafluoride, As Required by Public Law 105-204" (July 1999).  
<http://web.ead.anl.gov/uranium/mgmtuses/convers/index.cfm>
- (17) U.S. Department of Energy, "Record of Decision for Long-Term Management and Use of Depleted Uranium Hexafluoride," 64 Fed. Reg. 43,358 (Aug. 10, 1999)
- (18) U.S. Department of Energy, "Assessment of Preferred Depleted Uranium Disposal Forms" (ORNL/TM-2000/161, June 2000)  
<http://web.ead.anl.gov/uranium/documents/disposal/index.cfm>
- (19) Letter from E. Leeds (NRC) to Department of Energy, "Comments on DUF<sub>6</sub> Materials Use Roadmap, Draft, Dated September 1, 2000" (Oct. 18, 2000). [Accession No. ML003762080]
- (20) U.S. Department of Energy, "DUF<sub>6</sub> Materials Roadmap" (ORNL-6968, Aug. 27, 2001).  
<http://web.ead.anl.gov/uranium/documents/progplan/index.cfm>
- (21) Six LES pre-application policy issues "white papers" [Accession No. ML022350051]
- (22) Letter from W. Magwood (DOE) to M. Virgilio (NRC), "DOE Comments on LES White Papers" (July 25, 2002). [(Accession No. ML022350130)]
- (23) Letter from S. Toelle (USEC) to M. Lesar (NRC), "USEC Comments on Policy Issues Related to Licensing a Uranium Enrichment Facility (67 FR 61932)" (Nov. 4, 2002). [Accession No. ML023160548]
- (24) Letter from G. Dials (LES) to M. Lesar (NRC) regarding additional LES comments on LES policy or "white" papers (Nov. 12, 2002). [Accession No. ML023190324]
- (25) Letter from R. Pierson (NRC) to R. Krich (LES), "Louisiana Energy Services Policy Issues" (Mar. 24, 2003) [Accession No. ML030430260]
- (26) Letter from J. Ferland to New Mexico Governor Bill Richardson (regarding storage and disposal of Uranium Byproduct Cylinders and financial assurance) (Aug. 6, 2003).
- (27) E-mail from R. Krich to T. Johnson (regarding J. Ferland's Bio and W. Magwood's Testimony) (Oct. 31, 2003). [Accession No. ML040200605]
- (28) Letter from J. Ferland to New Mexico Governor Bill Richardson (regarding storage and disposal of Uranium Byproduct Cylinders and financial assurance) (Aug. 6, 2003).
- (29) E-mail from P. Barr to M. Cohen (LES) and T. Johnson (NRC) (regarding NEF depleted storage tails and production) (Dec. 26, 2003).

- (30) U.S. Nuclear Regulatory Commission, "Issuance of Environmental Scoping Meeting Summary Report Related to the Intent to Prepare an Environmental Impact Statement for the Louisiana Energy Services National Enrichment Facility."
- (31) NEF # 04-018 - LES RAI Response D-4 (Tails Disposition/Contingency Factor), (pp. 112-13) [Accession Package No. ML041480416]
- (32) NEF # 04-019 - LES RAI Response ER RAI 2.5 (Depleted Uranium, (Att-1, p. 13) [Accession Package No. ML041770112]

### **III. WATER AND WATER SUPPLY IMPACTS**

- (1) NEF # 04-019 - ER RAI 2-2 and Figure ER RAI 2-2 (Septic Tanks/Leach Fields), (Att-1, Pg 6/Att-3 Figs) [Accession Package No. ML041770112]
- (2) NEF # 04-019 - ER RAI 2-3 (Treated Effluent Evaporation Basin (TEEB)), (Att-1, Pgs 7-10) [Accession Package No. ML041770112]
- (3) NEF # 04-019 - ER RAI 2-4 (Uranium Byproduct Cylinder (UBC) Storage Pad, (Att-1, Pgs 11-12) [Accession Package No. ML041770112]
- (4) NEF # 04-019 - ER RAI 3.1 (Geology/Soils), (Att-1, Pgs 18-19) [Accession Package No. ML041770112]
- (5) NEF # 04-019 - ER RAI 3.2 (Water Resources), (Att-1, Pg 20) [Accession Package No. ML041770112]
- (6) NEF # 04-019 - ER RAI 4.2 (Water Resources Impacts) & Tables: 4-2A.1a, 4-2A.1b, 4-2A.2a, 4-2A.2b, 4.2A.3a, 4.2A.3b [Accession Package No. ML041770112]
- (7) NEF # 04-019 - ER RAI 6-1 and Figure ER RAI 6-1C, (Att-1, Pgs 58-60/Att-3 Figs) [Accession Package No. ML041770112]
- (8) E-mail to T. Johnson, T. Harris & LES re: Water Supply for Proposed LES Facility (10/31/03) [Accession No. ML040200334]
- (9) "Evaluation of Potential Groundwater Impacts by the WCS Facility in Andrews County, Texas." [Accession No. ML041770128]
- (10) "Geology of the WCS-Flying 'W' Ranch, Andrews County, Texas." [Accession No. ML041910475]
- (11) "Groundwater Non-Radiological Analytical Report for Monitoring Well MW-2, First Sampling Event." [Accession No. ML041830557]

- (12) "Groundwater Non-Radiological Analytical Report for Monitoring Well MW-2, Second Sampling Event." [Accession No. ML041910477]
- (13) "Groundwater Non-Radiological Analytical Report for Monitoring Well MW-2, Third Sampling Event." [Accession No. ML041910479]
- (14) "Hydrogeologic Investigation Section 32; Township 21 Range 38, Eunice, NM [Accession No. ML041910481]
- (15) Drawing, Electric Log [Accession No. ML041830565]
- (16) "RCRA Permit Application for a Hazardous Waste Storage Treatment and Disposal Facility Andrews County, Texas, Section VI: Geology Report" [Accession No. ML041910484]
- (17) Waste Control Specialists 2002 Annual Groundwater Monitoring Report [Accession No. ML041830571]
- (18) Waste Control Specialists, Section VI, Geology Report [Accession No. ML041910489]

#### **IV. DECOMMISSIONING**

- (1) NEF # 04-017 - Decommissioning Cost Estimates [Withheld From Public Disclosure Due to Classified Nature]
- (2) NEF # 04-018 - LES RAI Response D-1 and Tables D-1-.1A - D.1.14 (Decommissioning), (pp. 107-108 & Att-2) -- [Accession Package No. ML041480416]
- (3) D-4 (Tails Disposition/Contingency Factor), (pp. 112-13) [Accession Package No. ML041480416]
- (4) NUREG-1757, Vols. 1-3, "Consolidated NMSS Decommissioning Guidance"

#### **V. IMPACTS OF THE DECONVERSION FACILITIES**

- (1) U.S. Department of Energy, "Final Environmental Impact Statement for Construction and Operation of a Depleted Uranium Hexafluoride Conversion Facility at the Paducah Kentucky Site, " (June 2004)  
<http://web.ead.anl.gov/uranium/documents/paddeis/index.cfm>
- (2) U.S. Department of Energy, "Final Environmental Impact Statement for Construction and Operation of a Depleted Uranium Hexafluoride Conversion Facility at the Portsmouth Ohio Site, " (June 2004)  
<http://web.ead.anl.gov/uranium/documents/portdeis/index.cfm>

**VI. NEED FOR THE FACILITY**

See “List of Documents Relevant to Admitted Contentions,” Documents LES-02204 through LES-02868, for publicly available materials relevant to this issue.

**VII. NATURAL GAS-RELATED ACCIDENT RISKS**

- (1) NEF#04-035, “Subject: Clarifying Information Related to External Hazards Analyses,” Enclosure 1, Responses 9-13, 16 (Aug. 31, 2004)

# **Attachment D**

DOCUMENTS WITHHELD UNDER A CLAIM OF PRIVILEGE

Doc Type	Date	Author/ "From"	Recipient/ "To"	Cc: or Fw:	Title/Subject	Relevant Contention(s) <sup>1</sup>	Privilege Asserted <sup>2</sup>
Legal Memo	12/14/01	J. Curtiss	P. Lenny		Recommended initiatives in support of a new enrichment facility	(5)	AWP; ACP
Legal Memo	1/3/02	J. Curtiss	P. Lenny		Treatment of depleted uranium	(5)	AWP; ACP
Legal Memo	2/26/02	J. Curtiss	P. Lenny		Lessons Learned Review	(9)	AWP; ACP
Legal Memo	5/20/02	B. Poole	J. Curtiss		"Need" analysis under NEPA	(9)	AWP
Legal Memo	8/7/02	M. Rafky	J. Curtiss		DOE contracts for depleted tails deconversion facilities	(5), (6)	AWP
Legal Memo	8/9/02	P. Malia Blom	J. Curtiss		Expert witness testimony in Claiborne Enrichment Center (CEC) proceeding	(5), (9)	AWP
Attorney Notes	9/5/02	M. O'Neill	[NONE]		Typewritten notes re CLI-98-3	(9)	AWP
Legal Memo	9/6/02	A. Hermann	J. Curtiss		Outcome of pertinent issues in CEC proceeding	(2), (5), (8), (9)	AWP
Attorney Notes	9/9/02	M. O'Neill	[NONE]		Typewritten notes re LBP-96-5	(9)	AWP
Legal Memo	9/10/02	M. O'Neill	J. Curtiss		NEPA "need" issue in CEC proceeding	(9)	AWP

<sup>1</sup> **Contention Key:** (1) = Radiation Protection; (2) = DUF6 Disposal Cost Estimates; (3) = Water Impacts; (4) = Water Supply Impacts; (5) = DUF6 Storage and Disposal; (6) = Deconversion Facility Impacts; (7) = Decommissioning Costs; (8) = Cost of DUF6 Mgmt/Disposal; (9) = Need for Facility; (10) = Natural Gas Accident Risk

<sup>2</sup> **Privilege Key:** AWP = Attorney Work Product; ACP = Attorney-Client Privileged; TPM = Trial Preparation Materials (Work Product)

Doc Type	Date	Author/ "From"	Recipient/ "To"	Cc: or Fw:	Title/Subject	Relevant Contention(s) <sup>1</sup>	Privilege Asserted <sup>2</sup>
Legal Memo	9/23/02	J. Curtiss M. Rafky M. O'Neill	G. Dials		Legal framework for management and disposition of depleted uranium materials	(2), (5), (8)	AWP; ACP
Legal Memo	9/26/02	M. O'Neill	J. Curtiss		Strategy for conducting legal review of LES-2 environmental report		AWP; ACP
Legal Memo	9/30/02	B. Poole M. O'Neill	J. Curtiss		Criteria/standards associated with hearing on uranium license application	(5), (9)	AWP
Legal Memo	10/2/02	M. O'Neill	J. Curtiss R. Krich		Strategy for legal review of LES license application	(5), (9)	AWP, ACP
E-mail	10/18/02	J. Curtiss	K. Schnoebelen		"Subject: RE: LES Contracts"		ACP
E-mail	10/21/02	D. Marcelli	R. Krich	L. Lessard R. Morgan J. Curtiss E. Maher J. Snooks	"Subject: FW: Tails Papers"  Attach: Legal Memorandum from J. Curtiss, M. O'Neill, and M. O'Neill re legal framework for management and disposition of depleted uranium materials (9/25/02)	(2), (5), (8)	ACP, AWP
E-mail	10/23/02	J. Curtiss	longnassoc@aol.com		"Subject: Cost of DUF6 disposal under the DOE/USEC Agreement"	(2), (8)	ACP
Legal Memo	10/24/02	A. Cottingham	J. Curtiss		Decommissioning funding requirements relating to depleted uranium disposition costs	(2), (8)	AWP
E-mail	10/29/02	J. Curtiss	M. Stovall	J. Curtiss	Subject: Tails Talking Points: Background Information Mgmt. & Disposition of Depleted Tails	(5)	AWP
Legal Memo	11/1/02	M. O'Neill	[NONE]		Issues relating to the cost of depleted uranium disposition	(2), (5), (7), (8)	AWP



Doc Type	Date	Author/ "From"	Recipient/ "To"	Cc: or Fw:	Title/Subject	Relevant Contention(s) <sup>1</sup>	Privilege Asserted <sup>2</sup>
Attorney Notes	11/6/02	M. O'Neill	[NONE]		Notes re USEC accrued liability for DUF6 disposition	(2), (8)	AWP
Legal Memo	11/19/02	M. O'Neill	J. Curtiss		Review of DOE DUF6 contract with Uranium Disposition Services	(2), (5), (8)	AWP
Legal Memo	11/21/02	M. O'Neill	J. Curtiss		Statutory basis for DOE contract with Uranium Disposition Services	(2), (5), (8)	AWP
Legal Memo	12/18/02	M. O'Neill	J. Curtiss		NEPA "need" and "alternatives" analysis	(5), (9)	AWP;; ACP
Attorney Notes	12/18/02	M. O'Neill	[NONE]		Notes re LES consideration of need for and alternatives to facility in environmental report	(9)	AWP
Legal Memo	12/26/02	J. Curtiss M. O'Neill	R. Krich		Memo providing legal review comments on ERI Report entitled "Market for Uranium Enrichment Services"	(9)	ACP; AWP
Legal Memo	1/2/03	M. O'Neill	File		Memo re record of conference call with R. Krich and M. Schwartz	(9)	ACP; AWP
E-mail	01/10/03	J. Curtiss	M. Rafky		"Subject: FW: Tails Disposal Costs"  Forwards proprietary e-mail (1/9/03) from C. Andrews to R. Krich re tails disposal costs	(2), (8)	AWP; ACP
E-mail	01/20/03	J. Curtiss	R. Krich	M. Lyons	"Subject: Conversion Costs for Depleted Tails"	(2), (8)	ACP
Legal Memo	1/22/03	J. Curtiss B. Poole M. Rafky M. O'Neill	R. Krich		Comments on revised draft environmental report and safety analysis report for proposed Hartsville Enrichment Plant	(2), (8), (9)	AWP; ACP
E-mail	02/18/03	J. Curtiss	J. Tuohy		"Subject: DUF6 Estimate"  [re the per kg cost for UDS contract]	(2), (8)	ACP; AWP

Doc Type	Date	Author/ "From"	Recipient/ "To"	Cc: or Fw:	Title/Subject	Relevant Contention(s) <sup>1</sup>	Privilege Asserted <sup>2</sup>
E-mail	02/19/03 2/18/03	J. Curtiss G. Dials	R. Krich J. Curtiss D. Campbell D. Wild	C. Heath	"Subject: FW: Next steps with Envirocare"  Attach: Draft Letter to Envirocare characteristics of depleted uranium sesquioxide product	(5), (8)	ACP [portion of attachment is proprietary]
Letter	3/07/03	M. Schwartz	R. Krich		Letter transmitting proposed response to November 14, 2002 comments by Arjun Makhijani and Annie Makhijani on the LES "white papers"	(9)	TPM
Legal Memo	4/6/03	B. Poole	J. Curtiss		Decommissioning funding and financial assurance	(2), (7), (8)	AWP
Legal Memo	4/7/03	M. Rafsky	J. Curtiss		Financial qualifications license conditions imposed by NRC in CEC proceeding	(9)	AWP
E-mail	7/2/03	J. Curtiss	R. Krich	J. Ferland	"Subject: FW: Cost Estimate for DUF6 Conversion"	(2), (8)	ACP
E-mail	7/2/03	J. Curtiss	J. Ferland	R. Krich	"Subject: RE Cost Estimate for DUF6 Conversion"	(2), (8)	ACP, AWP
E-mail	7/3/03	J. Curtiss	J. Ferland R. Krich		Subject: FW: Re: Cost Estimate for DUF6 Conversion"	(2), (8)	ACP
E-mail	7/03/03	J. Curtiss	J. Ferland R. Krich		"Subject: Proposed Agreement between LES and WCS Regarding Storage of Depleted Tails "	(5)	ACP, AWP
Legal Memo	9/25/03	J. Curtiss B. Poole	R. Krich		Contested issues resolved by the NRC in the Claiborne (LES-1) proceeding	(2), (5), (8), (9)	ACP, AWP

Doc Type	Date	Author/ "From"	Recipient/ "To"	Cc: or Fw:	Title/Subject	Relevant Contention(s) <sup>1</sup>	Privilege Asserted <sup>2</sup>
E-mail	10/10/03	J. Ferland	R. Krich		"Subject: FW: Urenco Future Capacity"	(9)	TPM
E-mail	10/21/03	M. Cohen	J. Curtiss J. Ferland R. Krich J. Nugent		"Subject: RE: DOE Requests to Questions from Senator Domenici on LES"	(5)	ACP; AWP
	10/21/03	J. Curtiss	J. Ferland M. Cohen R. Krich J. Nugent		Attach: "LES"  [same subject]		
E-mail	10/22/03	J. Curtiss	J. Ferland	G. Lowther	Revisions to Resolution re SWU Contracts (w/ 2 attachments)	(9)	AWP; ACP
E-mail	10/29/03	J. Curtiss	J. Ferland	G. Lowther C. Hadee	Proposed Resolutions – Establishment of LES Subsidiary; Authority to Enter into SWU Contracts	(9)	AWP; ACP
Memo	11/2003	J. Curtiss B. Poole M. O'Neill	R. Krich		Assorted memos providing legal review comments on draft NEF Environmental Report	various	ACP; AWP
E-mail	1/6/04	M. Schwartz	R. Krich		"Subject: Critique of Timbers Paper" (w/ attachment)  Attach: ERI comments on "The Isaiah Project: How new nuclear power plants can eliminate more nuclear warheads," remarks presented by USEC President and CEO W. Timbers at NEI International Uranium Fuel Seminar in San Diego (Oct. 13, 2003)	(9)	TPM
E-mail	1/16/04	J. Curtiss	M. Lyons	J. Nugent M. Cohen	"Subject: Letter from Gov. Taft to Chairman Diaz on Depleted Uranium"  Attach: Letter from Ohio Governor Bob	(5)	ACP

DocType	Date	Author/ "From"	Recipient/ "To"	Cc: or Fw:	Title/Subject	Relevant Contention(s) <sup>1</sup>	Privilege Asserted <sup>2</sup>
					Taft to NRC Chairman Niles Diaz (Jan. 15, 2004)		
E-mail	1/16/04	J. Curtiss	J. Ferland R. Krich M. Cohen J. Lawrence J. Nugent	G. Lowther	"Subject: FW: Letter from Governor Taft to Chairman Diaz re: Depleted Uranium"	(5)	ACP, AWP
E-mail	2/2/04	J. Curtiss	J. Ferland M. Cohen R. Krich J. Lawrence Nugent		Subject: LES and DOE's Portsmouth Cold Shutdown Budget  Attach: E-mail from R. Witzel (Longnecker & Assoc.) to C. Pryor (Urenco, Inc.) re LES Project and DOE budget hearings	(5), (9)	ACP
E-mail and Attorney Notes	02/6/04	J. Curtiss	M. Stovall		Subject: FW: Possible Areas for Intervener Contentions  Attach: Outline re "Possible Areas for Intervener Contentions"	various	AWP
E-mail	2/9/04	M. Schwartz	R. Krich		"Subject: CNIC – Cheney" [re scoping comments on depleted uranium waste classification issue]	(5), (8)	TPM
E-mail	02/10/04	J. Ferland	J. Curtiss M. Cohen J. Lawrence		"Subject: Utility Involvement"	(9)	TPM; ACP
E-mail	2/10/04 2/10/04	T. Potter M. Schwartz	M. Schwartz T. Potter		"Subject: Comparison of depleted UF6 with TRU, etc." [re Makhijani scoping comments]  Attach: "Comments of the Institute for Energy and Environmental Research on the	(5), (8)	TPM

Doc Type	Date	Author/ "From"	Recipient/ "To"	Cc: or Fw:	Title/Subject	Relevant Contention(s) <sup>1</sup>	Privilege Asserted <sup>2</sup>
					proposed uranium enrichment plant in New Mexico," Arjun Makhijani (Jan. 7, 2004)		
E-mail	2/11/04	J. Ferland	M. Cohen J. Curtiss R. Krich J. Lawrence		"Subject: Utilities and comments to the NRC"	(9)	TPM; ACP
		J. Ferland	D. Culp	M. Cohen R. Krich	"Subject: RE: NRC Federal Register Notice"		
E-mail	02/12/04	M. Schwartz	T. Potter		"Subject: Clarification"  [re depleted uranium disposal form]	(5), (8)	TPM
E-mail	2/13/04	M. Schwartz	R. Krich		"Subject: Proposed response to comparisons with depleted uranium"  Attach: Draft report re depleted uranium comparison to TRU by T. Potter (Feb. 13. 2004)	(5), (8)	TPM
E-mail	2/17/04	R. Krich	M. Schwartz		"Subject: Proposed response to comparisons with depleted uranium"	(5), (8)	TPM
E-mail	2/17/04	M. Schwartz	R. Krich		"Subject: Proposed response to comparisons with depleted uranium"	(5), (8)	TPM
E-mail	2/17/04	M. Schwartz	T. Potter		"Subject: LES Response"  [re comparison of Depleted DU6 with TRU]	(5), (8)	TPM
E-mail	2/18/04	T. Potter	M. Schwartz		"Subject: RE: LES response"	(5), (8)	TPM
E-mail	2/18/04	M. Schwartz	R. Krich		"Subject: Response to DUF6 Comparisons"  Attach: Final report re depleted uranium comparison to TRU by T. Potter (Feb. 13. 2004)	(5), (8)	TPM

Doc Type	Date	Author/ "From"	Recipient/ "To"	Cc: or Fw:	Title/Subject	Relevant Contention(s) <sup>1</sup>	Privilege Asserted <sup>2</sup>
E-mail	3/1/04	J. Curtiss	J. Ferland R. Krich M. Cohen J. Lawrence J. Nugent		"Subject: Comments of Arjun Makhijani on LES"  Attach: Staff of Senate Subcomm. of the Comm. on Appropriations, 108th Cong., Energy and Water Development Appropriations for Fiscal Year 2004 45 (Comm. Print 2003), pp. 1, 45, 55, 56 [publicly available]	(5), (8)	ACP; AWP
E-mail	4/6/04	L. Rose (Montgomery & Andrews, P.A.)	G. Harper D. Gallegos		"Subject: Comments on draft air quality and ground water discharge permit applications"	(3)	ACP; AWP
E-mail	4/9/04	G. Harper	F. Bellini J. Snooks		"Subject: FW: Comments on draft air quality and ground water discharge permit applications" [forwarding preceding 4/6/04 e-mail]	(3)	ACP; AWP
E-mail	4/9/04 4/6/04 4/6/04 4/5/04	R. Krich J. Curtiss S. Kidd J. Curtiss	M. Schwartz R. Krich J. Curtiss S. Kidd		"Subject: FW: WNA Report"	(9)	ACP; TPM
E-mail	4/11/04 4/6/04	R. Krich J. Curtiss	G. Harper M. Schwartz J. Ferland R. Krich J. Lawrence	L. Rose G. Harper	"Subject: FW: Transmittal of NIRS/Public Citizen Contentions"	All admitted contentions	ACP
E-mail	4/12/04	M. Schwartz	M. Cohen	R. Krich	"Subject: Summary Paper on Need"	(9)	TPM

Doc Type	Date	Author/ "From"	Recipient/ "To"	Cc: or Fw:	Title/Subject	Relevant Contention(s) <sup>1</sup>	Privilege Asserted <sup>2</sup>
E-mail	4/13/04	M. Schwartz	R. Krich		"Subject: Questions regarding response to Public Citizen/ NIRS"	(2), (5), (8)	TPM
E-mail	4/13/04	R. Krich	M. Schwartz		"Subject: FW: letter to the editor"	(5)	TPM
E-mail	4/14/04	G. Harper	R. Krich	L. Rose; M. Lyons	[re depleted tails versus transuranic waste] "Subject: RE: Insert for GW Permit"		ACP; AWP
E-mail	4/15/04	L. Rose	G. Harper; R. Krich; D. Gallegos		Attach: Legal review comments on "Ground Water Insert – Ground Water Standards Compliance Demonstration"		
E-mail	4/15/04	L. Rose	G. Harper; R. Krich; D. Gallegos		"Subject: RE: Insert for GW Permit"	(3)	ACP; AWP
E-mail	4/16/04	M. Schwartz	R. Krich		[redacted version provided]		
E-mail	4/16/04	M. Schwartz	R. Krich		"Subject: Status re proposed responses to NIRS/PC Contentions"	(9)	TPM
E-mail	4/20/04	R. Krich	M. Schwartz		"Subject: FW – Questions for Rod Krich re Contentions"	(2), (5), (8), (9)	ACP; AWP
	4/16/04	J. Curtiss	R. Krich				
	4/16/04	M. O'Neill	J. Curtiss				
E-mail	4/20/04	M. Schwartz	M. O'Neill	R. Krich	"Subject: Proposed LES Responses to NIRS/PC Contentions 5.1 and 5.2" [w/ attachment]	(9)	TPM; ACP
E-mail	4/27/04	M. O'Neill	M. Schwartz	J. Curtiss R. Krich	"Subject: LES Responses to Hearing Request"s"	various	ACP; AWP
					Attach: draft response to contentions		
E-mail	4/29/04	M. Schwartz	M. O'Neill		"Subject: Re: LES - Response to Hearing Requests"	various	ACP; TPM

Doc Type	Date	Author/ "From"	Recipient/ "To"	Cc: or Fw:	Title/Subject	Relevant Contention(s) <sup>1</sup>	Privilege Asserted <sup>2</sup>
E-mail	5/4/04	J. Curtiss	R. Krich		"Subject: Framework for DUF6 for Disposal"  Attach: "Overview of Framework for DOE to accept DUF6 for Disposal"	(5)	ACP; AWP
E-mail	5/10/04	J. Curtiss	R. Krich		"Subject: "Providing UDS Contract Information on NMAG"	(2), (8)	ACP
E-mail	5/10/04	J. Curtiss	R. Krich		"Subject: Proprietary email from Chris Andrews"	(2)	ACP [also contains proprietary information]
E-mail	5/13/04	M. Schwartz	R. Krich		"Subject: Tails disposal cost contingency"  [w/ attachment re tails disposal contingency issue]	(2), (8)	TPM
E-mail	5/19/04 5/19/04 5/18/04	M. Schwartz R. Krich M. Schwartz	R. Krich M. Schwartz R. Krich		"Subject: RE: Thoughts regarding NIRS/PC reply"	(5), (9)	TPM
E-mail	5/19/04	J. Curtiss	D. Repka M. O'Neill		"Subject: FW: Thoughts regarding NIRS/PC reply"  [w/ attachment re proposed LES response to NIRS/PC contention]	(9)	ACP; TPM
E-mail	5/19/04	J. Curtiss	R. Krich		Subject: FW: Thoughts regarding NIRS/PC reply	(8), (9)	ACP; TPM
E-mail	5/19/04 5/19/04	J. Curtiss M. Cohen	M. Cohen J. Curtiss J. Nugent		"Subject: RE: Revised Legislative Language"	(5)	ACP; AWP



Doc Type	Date	Author/ "From"	Recipient/ "To"	Cc: or Fw:	Title/Subject	Relevant Contention(s) <sup>1</sup>	Privilege Asserted <sup>2</sup>
	5/18/04	J. Curtiss	J. Lawrence M. Cohen J. Nugent J. Lawrence				
E-mail	5/19/04	J. Curtiss	M. Cohen		"Subject: FW: Revised Legislative"	(5)	ACP
E-mail	5/19/04	J. Curtiss	R. Krich		"Subject: USEC DFP Estimates for DUF6 Disposition"	(2), (8)	ACP; AWP
Notes	5/20/04	F. Bellini	[NONE]		Notes re Santa Rosa Formation Description	(3)	TPM
E-mail	5/27/04	J. Curtiss	J. Ferland	R. Krich M. Cohen J. Lawrence J. Nugent	"Subject: Meeting with Magwood"	(5)	ACP; AWP
E-mail	5/28/04	J. Curtiss	R. Krich		"Subject: Framework for Discussions with DOE on DUF6 Disposal by DOE" (w/ attachment)	(5)	ACP; AWP
E-mail	6/3/04	R. Krich	M. Schwartz		"Subject: Follow-up to Conference Call"	(8)	TPM
	6/2/04	M. Schwartz	R. Krich		[re credit for deconversion process byproduct material; depleted uranium transportation costs]		
	6/2/04	R. Krich	M. Schwartz				
	6/2/04	M. Schwartz	R. Krich				
E-mail	6/2/04	J. Curtiss	M. Cohen	J. Nugent	"Subject: RE: Leg. – DOE takes UF6 out of NM"	(5)	ACP; AWP
E-mail	6/2/04	J. Curtiss	J. Nugent		"Subject: FW: Framework for Discussions with DOE on DUF6 Disposal by DOE" (w/ attachment)	(5)	ACP; AWP

Doc Type	Date	Author/ "From"	Recipient/ "To"	Cc: or Fw:	Title/Subject	Relevant Contention(s) <sup>1</sup>	Privilege Asserted <sup>2</sup>
Attorney Notes	6/04	J. Curtiss M. O'Neill	[NONE]		Notes prepared for LES Prehearing Conference	various	AWP; TPM
E-mail	6/4/04	M. Schwartz	R. Krich		"Subject: LES Misc"	(8)	TPM
E-mail	6/7/04	J. Curtiss	R. Krich		"Subject: Talking Points for Meeting [re disposition of DUF6 by DOE under 3113]"	(5)	ACP; AWP
E-mail	6/10/04	J. Curtiss	R. Krich M. Cohen J. Nugent J. Ferland		"Subject: RE: DEO [DOE] call today"	(5)	ACP
E-mail	6/10/04 6/10/04 5/13/04	J. Curtiss R. Krich M. Schwartz	M. O'Neill J. Curtiss R. Krich		"Subject: FW: Tails disposal cost contingency"	(2), (8)	ACP; TPM
E-mail	6/14/04	J. Snooks	G. Harper		"Subject: NIRS Contention 6" [re natural gas pipeline]	(10)	TPM
Slides	6/16/04	J. Ferland	Urenco Limited Board Meeting		Excerpt from Board Meeting slides re depleted tails disposal	(5)	TPM
E-mail	6/22/04	J. Curtiss	R. Krich		Subject: Magwood Questions on DUF6 [asked in telecon]		ACP
E-mail	6/22/04	J. Curtiss	R. Krich	J. Nugent	"Subject: DOE Testimony before Senate Energy Committee"	(5)	ACP; AWP
E-mail	6/22/04	R. Krich	M. Schwartz		"Subject: FW: NRC Review of USEC DFP"	(2), (8)	TPM; ACP; AWP

Doc Type	Date	Author/ "From"	Recipient/ "To"	Cc: or Fw:	Title/Subject	Relevant Contention(s) <sup>1</sup>	Privilege Asserted <sup>2</sup>
	6/21/04	J. Curtiss	R. Krich				
E-mail	6/23/04	J. Curtiss	R. Krich		"Subject: RE: Magwood Questions on DUF6"	(5)	ACP; AWP
	6/23/04	R. Krich	J. Curtiss				
	6/22/04	J. Curtiss	R. Krich				
Slides	6/23/04	J. Ferland	[NONE]		Excerpt from "Utilities Briefing" re strategy for disposing of depleted uranium	(5)	TPM
E-mail	6/25/04	J. Curtiss	R. Krich	J. Lawrence	"Subject: Analysis of Impacts of Building and Operating Deconversion Facility"	(6)	ACP; AWP
E-mail	6/25/04	D. Gallegos	G. Harper		"NIRS Document Review"  [w/ attachment re NM Groundwater Discharge Permit Application]	(3)	TPM
E-mail	6/28/04	G. Harper	D. Green		"Subject: FW: NIRS and ER Update"	(3)	TPM
E-mail	6/4/04	J. Steyn	S. Zytel (LLNL)		"Subject: DUF6 Transportation Questions" [re LLNL transportation costs]	(8)	TPM
Notes/ Analysis	7/1/04	ERI	[NONE]		Notes/tables prepared by ERI re effect of shipping distances on depleted uranium transportation costs	(8)	TPM
E-mail	7/4/04	R. Krich	M. Schwartz		"Subject: Follow-up to conference call" [re LLNL transportation costs]	(8)	TPM
	7/1/04	M. Schwartz	R. Krich				
E-mail	7/9/04	J. Curtiss	A. Wade M. Cohen J. Ferland	D. Repka M. O'Neill	"Subject: FW: [NMAG's] Notification of Licensing Board of Status of Petition on Facility Decommissioning Contingency"	(7)	ACP; AWP

Doc Type	Date	Author/ "From"	Recipient/ "To"	Cc: or Fw:	Title/Subject	Relevant Contention(s) <sup>1</sup>	Privilege Asserted <sup>2</sup>
			J. Lawrence R. Krich Nugent		Factor Issue"		
E-mail	7/9/04	J. Curtiss	R. Krich		"Subject: 25% Contingency – NRC Staff Position"	(7)	ACP
E-mail	7/21/04	J. Kay	G. Harper		"Subject: LES Contention on Decommissioning Costs"  [w/ attachment re decommissioning cost estimates]	(7)	TPM
E-mail	7/23/04	F. Bellini	G. Harper		"Subject: CJI Document info on GW migration"  [w/ attachment re groundwater migration]	(3)	TPM
Notes	None specified	F. Bellini	[NONE]		Notes re groundwater migration parameters	(3)	TPM
E-mail	7/28/04	J. Ferland	R. Krich		"Subject: Support for Need Analysis"	(3)	TPM
E-mail	8/10/04	J. Curtiss	R. Krich		"Subject: Analysis of Acceptability of Disposing of DUF6 at Envirocare"  Attach: "Evaluation of the Acceptability of Potential Depleted Uranium Hexafluoride Conversion Products at the Envirocare Disposal Site"	(5), (8)	ACP; AWP
E-mail	8/13/04	J. Curtiss	R. Krich D. Repka M. O'Neill		"Subject: Challenges to 3113 Option"	(5)	ACP; AWP

# **Attachment E**

**LIST OF DOCUMENTS TO BE WITHHELD FROM PUBLIC DISCLOSURE AS CONFIDENTIAL/PROPRIETARY**

Doc Begin	Doc End	Doc Type	Date	Author/ "From"	Recipient/ "To"	Cc: or Fw:	Title/Subject	Relevant Contention(s) <sup>1</sup>
LES-PRO- 00001	00006	E-mail	10/29/02	N. Davies	L. Lessard	R. Huntington I. Crombie	"Subject: RE: Chapter 10 & Decommissioning Cost"	(7)
			10/22/02	L. Lessard	N. Davies	C. Andrews D. Marcelli P. Guglielmino	Attach: "USJV (LES-2) – Decommissioning Cost Estimate/Process Flow"  "Subject: FW: Chapter 10 & Decommissioning Cost"	
			9/30/02	L. Lessard	N. Davies	D. Marcelli R. Morgan P. Guglielmino	"Subject: FW: Chapter 10 & Decommissioning Cost"	
			9/27/02	L. Lessard	D. Marcelli	R. Morgan A. Mancini P. Guglielmino	"Subject: Chapter 10 & Decommissioning Cost"	
00007	00008	E-mail	5/4/04	L. Lessard	J. Kay		"Subject: FW: Decommissioning"	(7)
			12/3/02	L. Lessard	D. Goldbach		"Subject: RE: Decommissioning"	
00009	00011	E-mail	5/4/04	L. Lessard	J. Kay		"Subject: FW: Decommissioning Cost Estimate"	(7)
			12/5/02	L. Lessard	D. Goldbach D. Marcelli		"Subject: RE: Decommissioning Cost"	

<sup>1</sup> **Contention Key:** (1) = Radiation Protection; (2) = DUF6 Disposal Cost Estimates; (3) = Water Impacts; (4) = Water Supply Impacts; (5) = DUF6 Storage and Disposal; (6) = Deconversion Facility Impacts; (7) = Decommissioning Costs; (8) = Cost of DUF6 Mgmt/Disposal; (9) = Need for Facility; (10) = Natural Gas Accident Risk

Doc Begin LES-PRO	Doc End	Doc Type	Date	Author/ From	Recipient/ To	Cc: or Fw:	Title/Subject	Relevant Contention(s) <sup>1</sup>
			12/5/02	D. Marcelli	L. Lessard D. Goldbach		Estimate” “Subject: RE: Decommissioning Cost Estimate”	
			12/4/02	L. Lessard	D. Goldbach	D. Marcelli	“Subject: RE: Decommissioning Cost Estimate”	
			12/3/02	D. Goldbach	L. Lessard		“Subject: RE: Decommissioning”	
			12/3/02	L. Lessard	D. Goldbach		“Subject: RE: Decommissioning”	
			12/3/02	D. Goldbach	L. Lessard		“Subject: Decommissioning”	
00012	00015	E-mail	5/4/02	L. Lessard	J. Kay		“Subject”: FW: Decommissioning Cost Estimate”	(7)
			12/16/02	L. Lessard	H. van der Tuuk	N. Davies R. Huntington D. Marcelli	“Subject: RE: Decommissioning Cost Estimate”	
			12/16/02	H. van der Tuuk	L. Lessard	N. Davies R. Huntington	“Subject: RE: Decommissioning Cost Estimate”	
			12/12/02	L. Lessard	N. Davies	R. Huntington H. van der Tuuk C. Andrews D. Marcelli	“Subject: RE: Decommissioning Cost Estimate”	
			12/10/02	N. Davies	L. Lessard	R. Huntington H. van der Tuuk	“Subject: RE: Decommissioning Cost Estimate”	

Doc Begin	Doc End	Doc Type	Date	Author/ "From"	Recipient/ "To"	Cc: or Fw:	Title/Subject	Relevant Contention(s) <sup>1</sup>
LES-PRO								
			12/9/02	L. Lessard	N. Davies	C. Andrews C. Andrews D. Marcelli	"Subject: RE: Decommissioning Cost Estimate"  "Subject: RE: Decommissioning Cost Estimate"	
00016	00019	E-mail	1/7/03	R. Huntington	L. Lessard	C. Andrews A. Brown H van der Tuuk	"Subject: Waste Volumes for HEP Decommissioning"	(7)
00018	00019	E-mail	6/2/04	A. Brown	C. Chater	R. Krich	"Subject: FW: disclosure 'commercial in confidence'"	(7)
00020	00025	Letter E-mail	6/18/04 1/9/03	R. Krich C. Andrews	NRC/NMSS R. Krich	A. Brown	"Subject: Tails Disposal Cost" [provided as attachment to NEF#04-015 – only attachment (e-mail is proprietary)]	(2), (8)
00026	00027	Slide	2/21/03	G. Dials	O. Kingsley		Excerpt from presentation slides re "Project Update Meeting with Oliver Kingsley, CEO and President, Exelon Generation"	(9)
00028	00040	Meeting Summary	6/22/04	Urenco, Inc.	[NONE]		Relevant Excerpts from "Forty-Eighth Meeting of the Board of Directors of Urenco, Inc." (June 22, 2004)	(9)
00041	00179	Letter	12/16/03	D. Miller	J.M. Elliott		Letter enclosing executed <i>three</i> LES contracts (all dated 12/11/03) with three different utilities and copies of contract notices sent to each of the utilities.  [Contracts and contract notices are included]	(9)
00180	00189	Letter	1/28/03	K. Schnobelen	Utility Fuel Manager		Letter to a <i>fourth</i> utility re "Revised LES Proposal" and forwarding "Term Sheet	(9)



Doc Begin	Doc End	Doc Type	Date	Author/ "From"	Recipient/ "To"	Cc: or Fw:	Title/Subject	Relevant Contention(s) <sup>1</sup>
LES-PRO-							for a Uranium Enrichment Contract" (1/28/03)	
00190	00190	Letter	3/20/03	Utility Fuel Manager	K. Schnoebelen		Letter from <i>fourth</i> utility expressing non-binding intent of that utility to negotiate with LES for purchase of enrichment services	(9)
00191	00229	Legal	8/12/03	LES/fourth utility	[NONE]		Draft uranium enrichment services contract between LES and the <i>fourth</i> utility (8/12/03 Rev. 1)	(9)
00230	00231	Letter	1/27/03	Fuel Manager for fifth utility	K. Schnoebelen		Letter expressing interest of <i>fifth</i> utility in making a commitment to purchase enrichment services from LES	(9)
00232	00277	Legal	8/30/04	LES/fifth utility	[NONE]		Draft uranium enrichment services contract between LES and <i>fifth</i> utility (8/30/04)	(9)
00278	00383	Report	11/7/02	Urenco Projects Division –  R. Huntington H. van der Tuuk N. Davies A. Brown	Leo Lessard		"USJV (LES-2), UPD/0202880A, Decommissioning Cost Estimate"	(2), (7), (8)
00384	00489	Report w/ notes	11/2002	Same as Above	Same as Above		Annotated version of "USJV (LES-2), UPD/0202880A, Decommissioning Cost Estimate" (i.e., contains handwritten figures/notes of Leo Lessard)	(2), (7), (8)