

Louisiana Energy Services Gas Centrifuge Facility

The History of Licensing

While the Louisiana Energy Services (LES) Gas Centrifuge Facility was in the licensing phase, the following content was maintained as part of the NRC public webpage. This content will no longer be updated due to the operational status of the facility. The archived content, however, will continue to be publically-available for informational uses. The documents referenced are available in the NRC document reading room or on the Agencywide Documents Access and Management System (ADAMS) at the following link: <https://www.nrc.gov/reading-room/adams.html#web-based-adams>.

Please find all current licensing documents and inspection reports in the NRC document reading room or on ADAMS.

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Background

The Louisiana Energy Services (LES) partnership is owned entirely by URENCO. Exelon, Duke Power, and Entergy were previously partners in LES but dropped out of the partnership following the issuance of the license to construct and operate a uranium enrichment facility. LES uses Enrichment Technology Company's gas centrifuge technology that was developed and is also being used in four enrichment plants in Europe.

Regulation and Legislation

In 1990, Congress passed the Solar, Wind, Waste, and Geothermal Power Production Incentives Act. Among other things, this legislation amended the Atomic Energy Act of 1954 to require licensing of uranium enrichment facilities under U.S. Nuclear Regulatory Commission (NRC) regulations in 10 CFR Parts 40 and 70. The act also stated that the construction and operation of a uranium enrichment facility is considered a major Federal action significantly affecting the quality of the human environment for the purposes of the National Environmental Policy Act (NEPA) of 1969. Therefore, an Environmental Impact Statement (EIS) needs to be prepared for this type of facility. Under the legislation, an adjudicatory hearing on the licensing of the construction and operation is required. This hearing must be completed before issuance of a license. The act also requires the applicant to obtain public liability insurance for the facility and requires the NRC to inspect the facility before operations begin to ensure that the plant is constructed to meet the license requirements.

License Application History

On December 12, 2003, LES submitted a license application and environmental report to NRC for a proposed gas centrifuge uranium enrichment plant having a capacity of 3 million Separative Work Units (SWU)/year. Appendix A, Licensing Documents, contains references to these original documents. The most current documents can be found in NRC web-based ADAMS.

On September 2, 2003, LES announced its site selection as Lea County, New Mexico.

On January 30, 2004, the Commission issued an order initiating the LES proceeding applicable to its application for a uranium enrichment plant. The Order offered an opportunity for a hearing, ordered the use of the new 10 CFR Part 2 hearing procedures and a 30-month licensing review schedule, and addressed several policy issues applicable to uranium enrichment facility licensing.

On April 19, 2004, NRC provided the staff's initial technical review of the license application that identified a need for additional information. LES submitted its response to the NRC's request for additional information (RAI) on May 19, 2004. A second RAI was sent to LES on April 29, 2004, concerning the preparation of an EIS for the proposed facility. LES submitted responses to the RAI regarding its environmental review on May 20, 2004, and June 10, 2004. Appendix B contains a record of the NRC RAI letters and RAI responses from the licensee.

On October 20, 2004, an RAI on the decommissioning funding plan was sent to LES. LES provided responses on December 10, 2004; January 7, 2005; March 3, 2005; March 29, 2005; and April 8, 2005. The March 29 and April 8 responses contain proprietary information.

On January 28, 2005, an additional RAI on environmental impacts was sent to LES. LES responded to this request on February 11, 2005.

LES was licensed to produce 5.7 million SWU/year.

On June 23, 2006, NRC issued a license to LES to construct and operate a uranium enrichment facility. The license was issued following favorable hearing decisions by the Atomic Safety and Licensing Board.

Appendix C, License Application Review Schedule, contains a record of important milestones met by the NRC and licensee.

Safety Evaluation Report

On December 12, 2003, Louisiana Energy Services submitted an application for a uranium enrichment facility. On June 15, 2005, the NRC staff completed its review of the application and documents the results in the Safety Evaluation Report for the National Enrichment Facility in Lea County, New Mexico, Louisiana Energy Services (NUREG-1827).

The review evaluated the potential adverse impacts of facility operation on worker and public health and safety under both normal operating and accident conditions. The review also considered physical protection of special nuclear material (SNM) and classified matter, material control and accounting of SNM, and the management organization, administrative programs, and financial qualifications provided to ensure the safe design and operation of the facility.

The NRC staff concluded, in this Safety Evaluation Report, that the applicant's descriptions, specifications, and analyses provided an adequate basis for safety and safeguards of facility operations and that operation of the facility did not pose an undue risk to worker and public health and safety.

NRC staff issued a Safety Evaluation Report Supplement on criticality safety issues on March 3, 2006. The supplement addressed issues related to the criticality safety validation report. NRC staff concluded that LES had adequately addressed the validation of its computer codes used in evaluating nuclear criticality safety issues.

On April 6, 2006, NRC staff issued a Safety Evaluation Report Supplement on DOE's cost estimate for the disposition of depleted uranium. NRC staff concluded that DOE's cost estimate was reasonable and complied with its regulations.

On May 16, 2006, NRC staff issued a Safety Evaluation Report Supplement on changes in the LES partnership agreement, whereby URENCO, the principle general partner, purchased the shares of Westinghouse Enrichment Company. NRC staff concluded that the change presented adequately described the corporate identity, structure, and financial information required under the regulations; that LES was financially qualified to build and operate the proposed facility; and that LES met the requirements for Foreign Ownership, Control, and Influence.

Appendix D, Safety Evaluation Report Revisions, contains the dates in which the NRC received revisions from the licensee.

Appendix A. Licensing Documents

The documents in this chart represent the Louisiana Energy Services National Enrichment Facility Safety Analysis Report updated through Revision 7, June 2005, and the Environmental Report updated through Revision 5, June 2005.

Document Submitted	ADAMS Accession Number
National Enrichment Facility Executive Summary	ML040350107
National Enrichment Facility Executive Summary - Spanish Translation	ML051780373
Revision 7 of National Enrichment Facility License Application and Integrated Safety Analysis Summary - Transmittal letter	ML060820185
National Enrichment Facility, Rev. 7 to Safety Analysis Report, Cover through Page 3.4-86 of the Integrated Safety Analysis Summary	ML060680653
National Enrichment Facility, Rev. 7, Integrated Safety Analysis Summary Tables	ML060680655
National Enrichment Facility, Rev. 5 to Environmental Report, Cover through Table 2.4.2	ML060680657
National Enrichment Facility, Rev. 5 to Environmental Report, Section 3 through End	ML060680659
National Enrichment Facility, Rev. 8 Replacement Pages to Safety Analysis Report	ML060550016
National Enrichment Facility, Rev. 9 Replacement Pages to Safety Analysis Report	ML060960349
National Enrichment Facility, Rev. 10 Replacement Pages to Safety Analysis Report and Rev. 6 Replacement Pages to Environmental Report	ML061390145
National Enrichment Facility, Rev. 11 Replacement Pages to Safety Analysis Report and Rev. 7 Replacement Pages to Environmental Report	ML061390031
National Enrichment Facility, Rev. 12 Replacement Pages to Safety Analysis Report and Rev. 4 of the Emergency Plan, and Rev. 5 of the Fundamental Nuclear Materials Control Program	ML063480025

National Enrichment Facility, Rev. 12 Replacement Pages to Safety Analysis Report and Rev. 8 to Environmental Report	ML070320302
National Enrichment Facility, Rev. 12a Replacement Pages to Safety Analysis Report and Rev. 8a to Environmental Report	ML071010539

Appendix B. Requests for Additional Information and Responses

Date	Description
03/03/2005	National Enrichment Facility, Clarifying Information Related to the Decommissioning Funding Plan (ADAMS Accession Number ML050690170)
02/11/2005	Response to NRC Request for Additional Information Related to Preparation of the Final Environmental Impact Statement for the National Enrichment Facility (ADAMS Accession Number ML050530326)
01/28/2005	Request for Additional Information Related to the Preparation of a Final Environmental Impact Statement for the Louisiana Energy Services Proposed National Enrichment Facility (ADAMS Accession Number ML050280390)
01/07/2005	Louisiana Energy Services, L.P., Response to NRC Request for Additional Information Regarding Depleted Uranium Hexafluoride Disposition Costs (ADAMS Accession Number ML050130145)
12/10/2004	Louisiana Energy Services, L.P., Response to NRC Request for Additional Information Regarding Decommissioning Funding (ADAMS Accession Number ML043560369)
10/20/2004	Louisiana Energy Services, Request for Additional Information, Decommissioning Funding (ADAMS Accession Number ML042600287)
06/10/2004	Response to NRC Request for Additional Information Regarding the National Enrichment Facility Environmental Report - Waste Management (ADAMS Accession Number ML041690139)
05/20/2004	Response to NRC Request for Additional Information Regarding the National Enrichment Facility Environmental Report - References ML041840423 ML041840427 ML041840433 ML041830570
05/20/2004	Response to NRC Request for Additional Information Regarding the National Enrichment Facility Environmental Report, Attachments 4-6 (ADAMS Accession Number ML041770128)
05/20/2004	Response to NRC Request for Additional Information Regarding the National Enrichment Facility Environmental Report, Attachments 1-3 (ADAMS Accession Number ML041770121)

05/20/2004	Response to NRC Request for Additional Information Regarding the National Enrichment Facility Environmental Report (ADAMS Accession Number ML041770117)
04/29/2004	Request for Additional Information Related to the Preparation of an Environmental Impact Statement for the Louisiana Energy Services Proposed National Enrichment Facility (ADAMS Accession Number ML041210126)
04/19/2004	Request for Additional Information on Louisiana Energy Services Project License Application (ADAMS Accession Number ML041100816)

Appendix C. License Application Review Schedule

Based on the Commission's January 30, 2004 order to complete the Louisiana Energy Services license application review within 30 months, the NRC staff developed a license review schedule. Below is a record of major NRC milestones and the dates on which they occurred.

C = completed. This chart was last updated on August 16, 2006.

Date	Action
03/19/2002 C	(NMSS) LES begins pre-application discussions
12/15/2003 C	(NMSS) LES submits gas centrifuge facility application
12/15/2003 C	(NMSS) LES submits Environmental Report
01/22/2004 C	(NMSS) NRC completes acceptance review of application
02/04/2004 C	(NMSS) NRC issues notice of intent (NOI) for EIS scoping meetings
02/06/2004 C	(NMSS) NRC issues Notice of Opportunity for Public Hearing
03/04/2004 C	(NMSS) Conduct EIS scoping meetings
04/19/2004 C	(NMSS) Issue RAI for application (allow 30 days to respond)
04/23/2004 C	(NMSS) Issue EIS scoping summary report
04/30/2004 C	(NMSS) Complete technical review of Environmental Report/issue RAI
05/19/2004 C	(NMSS) LES responds to application RAI
05/20/2004 C	(NMSS) LES responds to Environmental Report RAI
09/02/2004 C	(NMSS) Issue draft EIS for public comment
10/14/2004 C	(NMSS) Conduct EIS public meetings
01/07/2005 C	(NMSS) EIS public comment period ends
06/15/2005 C	(NMSS) Issue final EIS
06/15/2005 C	(NMSS) Issue final SER
02/13/2006 C	(ASLB) Complete evidentiary hearings for contested hearing

03/06/2006 C	(ASLB) Complete evidentiary hearings for mandatory hearing
05/31/2006 C	(ASLB) ASLB issues initial decision on contested hearing
06/23/2006 C	(ASLB) ASLB issues decision on mandatory hearing
06/23/2006 C	(NMSS) Staff issues license
08/01/2006 C	(NMSS) LES begins construction of facility
09/30/2009	(NMSS) LES completes construction of first cascade
11/15/2009	(REG II) Complete inspection of first cascade construction
12/15/2009	(NMSS) Issue Federal Register notice on first cascade construction inspection results
12/30/2009	(NMSS) LES begins facility operation of first cascade
12/31/2015	(NMSS) LES begins full capacity operations at 5.7 million SWU

ASLB = Atomic Safety and Licensing Board

NMSS = The Office of Nuclear Material Safety and Safeguards

REG II = NRC Region II in Atlanta, GA

Appendix D. Safety Analysis Report Revisions

The following is a list of the revisions to the Safety Analysis Report and Environmental Report received by the NRC.

Safety Analysis Report Revision Number	Date
Revision 1	February 27, 2004
Revision 2	July 30, 2004
Revision 3	September 30, 2004
Revision 4	April 22, 2005
Revision 5	April 29, 2005
Revision 6	May 25, 2005
Revision 7	June 10, 2005
Revision 8	February 16, 2006
Revision 9	February 28, 2006
Revision 10	March 16, 2006
Revision 11	March 24, 2006
Revision 12	October 23, 2006
Revision 12a	April 10, 2007
Revision 13	July 30, 2007
Revision 14	October 12, 2007
Revision 15	November 17, 2007
Revision 16	January 30, 2008
Revision 17	November 19, 2008
Revision 18	January 23, 2009

Revision 19	March 5, 2009
Revision 20	August 21, 2009
Revision 21	September 15, 2009
Revision 22	November 3, 2009
Revision 23	November 25, 2009
Revision 24	January 4, 2010
Revision 25	March 25, 2010
Revision 26	February 05, 2010
Revision 27	March 15, 2010
Revision 29	October 25, 2010
Revision 30	January 16, 2011
Revision 31	October 13, 2011
Revision 32	January 3, 2012
Environmental Report	
Revision 1	February 27, 2004
Revision 2	July 30, 2004
Revision 3	September 30, 2004
Revision 4	April 22, 2005
Revision 5	June 10, 2005
Revision 6	March 16, 2006
Revision 7	March 24, 2006
Revision 8	January 29, 2007
Revision 8a	April 10, 2007

Revision 9	July 30, 2007
Revision 10	January 30, 2008
Revision 11	October 30, 2008
Revision 12	January 23, 2009
Revision 13	March 5, 2009
Revision 14	September 15, 2009
Revision 15	November 3, 2009
Revision 16	November 25, 2009
Revision 17	February 1, 2010
Revision 18	March 25, 2010
Revision 19	January 16, 2011
Revision 20	January 3, 2012

Appendix E. Environmental Review

The NRC developed, as required by the National Environmental Policy Act (NEPA), an Environmental Impact Statement (EIS) for "major Federal actions significantly affecting the quality of the human environment." Licensing a uranium enrichment facility was considered a "major Federal action" which required an EIS.

The NRC staff held a public meeting on the scope of the EIS for the proposed National Enrichment Facility (NEF) to be constructed and operated by LES on March 4, 2004 in Eunice, New Mexico. The public was encouraged to provide comments on the NRC's scoping process. These comments are provided in the chart below.

The NRC issued its draft EIS on September 17, 2004 for public comment. NRC staff held a public meeting on October 14, 2004, in Eunice, New Mexico, to provide an opportunity for the public to comment on the draft EIS. The public comment period closed on January 7, 2005.

On June 15, 2005, the NRC staff issued Environmental Impact Statement for the Proposed National Enrichment Facility in Lea County, New Mexico — Final Report (NUREG-1790). In the final EIS, the staff analyzed the environmental impacts from the proposed NEF and determined that such impacts generally would be small to moderate. In preparing the final EIS, the staff addressed nearly 4200 comments on the draft EIS that were received from approximately 400 individuals. The chart below contains a record of these comments.

Public Comments on Scoping Process	ADAMS Accession Number	Date
1. Comment from Phillip Barr	ML040540536	10/28/03
2. Comment from Lee Cheney	ML040540546	10/18/03
3. Comment from Joseph Shearer	ML040540549	10/28/03
4. Comment from John Grove	ML040540552	10/31/03
5. Comment from Phillip Barr	ML040540555	12/06/03
6. Comment from Phillip Barr	ML040830242	01/11/04
7. Comment from Phillip Barr	ML040540557	01/09/04
8. Comment from Phillip Barr	ML040540666	01/23/04
9. Comment from Kevin Doyle	ML040540671	02/04/04
10. Comment from Phillip Barr	ML040540677	02/13/04

11. Comment from Phillip Barr	ML040540686	02/16/04
12. Comment from Phillip Barr	ML040540695	02/17/04
13. Comment from Phillip Barr	ML040560622	02/20/04
14. Comment from Orti Tucker	ML040560563	02/23/04
15. Comment from Stephen & Liz Hurst	ML040560569	02/23/04
16. Comment from Phillip Barr	ML040560572	02/23/04
17. Comment from Phillip Barr	ML040580317	02/25/04
18. Comment from Mark Dimsha	ML040580319	02/25/04
19. Comment from Vina Colley	ML040650368	03/02/04
20. Comment from Charles M. Driver	ML040750458	03/04/04
21. Comment from Phillip Barr	ML040750461	03/04/04
22. Comment from Ron Curry	ML040750513	02/04/04
23. Comment from Tom and Carlyn Jarvis	ML040750521	03/04/04
24. Comment from Lee Cheney	ML040750531	03/05/04
25. Comment from Phillip Barr	ML040750538	03/08/04
26. Comment from Phillip Barr	ML040750545	03/08/04
27. Comment from Phillip Barr	ML040750556	03/08/04
28. Comment from Phillip Barr	ML040750568	03/10/04
29. Comment from Lee Cheney	ML040750580	03/10/04
30. Comment from Senator Jeff Bingaman	ML040750586	03/10/04
31. Comment from Darrold E. Stephenson	ML040750592	03/04/04
32. Comment from Rose M. Gardner	ML040750598	03/11/04
33. Comment from Fred & Delphina	ML040750603	03/04/04

34. Comment from Maurice Gardner	ML040750606	03/11/04
35. Comment from Lee Cheney	ML040750610	03/11/04
36. Comment from Mayor Robert P. Wallach, Commissioners, Gary Fonay, Hector Ramirez, Joseph Calderon, John Boyd, Monty Newman	ML040750617	03/11/04
37. Comment from Diane Ventura	ML040770047	03/11/04
38. Comment from Lee Cheney	ML040770046	03/04/04
39. Comment from Cheryl Eckhardt	ML040840205	03/09/04
40. Comment from Phillip Barr	ML040840211	03/11/04
41. Comment from Phillip Barr	ML040840214	03/12/04
42. Comment from Phillip Barr	ML040840216	03/12/04
43. Comment from Lee Cheney	ML040840218	03/13/04
44. Comment from Phillip Barr	ML040840219	03/13/04
45. Comment from Lee Cheney	ML040840225	03/13/04
46. Comment from Phillip Barr	ML040840229	03/14/04
47. Comment from Phillip Barr	ML040840233	03/14/04
48. Comment from R Gardner	ML040840238	03/16/04
49. Comment from Delphina Ortiz	ML040840240	03/15/04
50. Comment from Paul Campbell	ML040840243	03/16/04
51. Comment from Lisa Kirkpatrick	ML040840246	03/17/04
52. Comment from Chairman Buster Goff	ML040840251	03/16/04
53. Comment from Carroll H. Leavell	ML040840253	03/04/04
54. Comment from Governor Bill Richardson	ML040840257	03/16/04
55. Comment from Concerned Citizens for Nuclear Safety	ML040840270	03/16/04

56. Comment from Don Reese	ML040840272	03/01/04
57. Comment from Toni Nolan Trujillo	ML040840274	03/29/04
58. Comment from Superintendent Stan Rounds	ML040840275	03/04/04
59. Comment from President Ray Battaglini	ML040840279	02/27/04
60. Comment from Samuel S. Spencer Jr.	ML040840283	03/04/04
61. Comment from Erika Valdez	ML040840285	03/04/04
62. Comment from Principal Joseph E. Jimenez	ML040840286	03/16/04
63. Comment from Governor Bill Richardson	ML040830194	03/16/04
64. Comment from Marie K. Jimenez, Parole Officer	ML040830221	03/16/04
65. Comment from Rose Barrientes de Scott	ML040830225	03/03/04
66. Comment from Nick Barrientes	ML040830231	03/03/04
67. Comment from Alberto Caballero	ML040830236	03/03/04
68. Comment from Asst. Principal Kevin Black	ML040830265	03/16/04
69. Comment from Principal Pat McMurray	ML040830270	03/16/04
70. Comment from Alicia N. Montanez	ML040830272	03/03/04
71. Comment from John Smith	ML040830274	03/03/04
72. Comment from Ross Black	ML040830277	03/16/04
73. Comment from John Good	ML040830282	03/16/04
74. Comment from Pam Oleanas	ML040830287	03/16/04
75. Comment from T J Parks	ML040830292	03/02/04
76. Comment from Guy Kesner, District Manager	ML040830297	03/03/04
77. Comment from David A. Clark, President	ML040830335	03/16/04
78. Comment from Kim J. Smith	ML040830337	03/16/04

79. Comment from Janet Mitchell	ML040830340	03/16/04
80. Comment from Twilla Parker	ML040830342	03/03/04
81. Comment from Brian Burke	ML040830347	03/16/04
82. Comment from Hector Ramirez	ML040830353	03/03/04
83. Comment from Robert Wallach	ML040830360	03/03/04
84. Comment from Pat McCasland	ML040830365	03/16/04
85. Comment from Danny Rawlinson	ML040830369	03/16/04
86. Comment from Joseph Calderon	ML040830380	03/16/04
87. Comment from Steve Stephenson	ML040830391	03/16/04
88. Comment from Jerry Harper	ML040830393	03/02/04
89. Comment from Bill Weaver	ML040830397	03/16/04
90. Comment from Silva Peters	ML040830293	03/16/04
91. Comment from JoAnn Davis	ML040830299	03/16/04
92. Comment from Fay Thompson	ML040830305	03/16/04
93. Comment from Shirley Martin	ML040830310	03/16/04
94. Comment from Debbie Robertson	ML040830315	03/16/04
95. Comment from Paul Campbell	ML040830323	03/16/04
96. Comment from Mary J. Fuller	ML040830330	02/26/04
97. Comment from Mayor Monty Newman	ML040830333	02/27/04
98. Comment from Tanya White	ML040830336	02/26/04
99. Comment from Kristi Martinez	ML040830343	03/16/04
100. Comment from Mike Westbrook	ML040830355	03/16/04
101. Comment from Gary Baez	ML040830359	03/16/04

102. Comment from Shawn Cantt	ML040830425	03/16/04
103. Comment from Kim Fielfer	ML040830432	03/16/04
104. Comment from Leon & Jeannie Anderson	ML040830438	03/03/04
105. Comment from Carrol H. Leavell	ML040830445	03/16/04
106. Comment from Phillip Barr	ML040830454	03/16/04
107. Comment from Phillip Barr	ML040830459	03/17/04
108. Petition for Support	ML040850556	03/17/04
109. Comment from Earl James	ML040830463	03/17/04
110. Comment from Phillip Barr	ML040830466	03/17/04
111. Comment from Janet Greenwald	ML040830471	03/17/04
112. Comment from Mark Bremer	ML040840291	03/17/04
113. Comment from Michael Mariotte	ML040840292	03/18/04
114. Comment from Coila Ash	ML040840294	03/18/04
115. Comment from John Grove	ML040840296	03/18/04
116. Comment from Nicole Rosmarino	ML040840298	03/18/04
117. Comment from Joseph Malherek	ML040840300	03/18/04
118. Comment from Arjun Makhijani	ML041140146	03/18/04
119. Comment from I. Barraza	ML040840302	03/18/04
120. Comment from Phillip Barr	ML040840303	03/18/04
121. Comment from Don Hancock	ML040840370	03/18/04
122. Comment from Rose Gardner	ML040840287	02/04/04
123. Comment from Robert Rutkowski	ML040840485	03/18/04
124. Comment from Penny McMullen	ML040840488	03/22/04

125. Comment from Leslie Theiss	ML040850493	03/16/04
126. Comment from Phillip Barr	ML040900267	03/12/04
127. Comment from Karen Stevens	ML040900266	02/27/04
128. Comment from Joseph P. Malherek	ML041120446	04/17/04
129. Comment from Lee Cheney	ML041340189	04/22/04
130. Comment from Lee Cheney	ML041340419	05/07/04
131. Comment from Phillip Barr	ML041340421	05/10/04
132. Comment from Phillip Barr	ML041340426	05/19/04
133. Comment from Phillip Barr	ML041420300	05/04/04
134. Comment from Hector Ramirez	ML041540366	06/01/04
135. Comment from Rose Gardener	ML041660255	07/01/04
136. Comment from Phillip Bar	ML041830244	07/01/04
137. Comment from Unknown	ML041890193	07/01/04
138. Comment from Linda Johnson	ML041890199	07/01/04
139. Comment from Helen Holt	ML041890201	07/01/04
140. Comment from Dale Betlin	ML041890208	07/01/04
141. Comment from Bob Dalterson	ML041890212	07/01/04
142. Comment from John W. Dittrich	ML041890219	07/01/04
143. Comment from Eunice Well	ML041890252	06/01/04
144. Comment from John M. White	ML041890253	07/07/04
145. Comment from Sara Parker	ML041890254	07/01/04
146. Comment from Peggy Suter	ML041890255	07/01/04
147. Comment from Donna D. Walker	ML041890256	07/01/04

148. Comment from James Woodring	ML041890258	07/01/04
149. Comment from Elsie Jones	ML041890259	07/01/04
150. Comment from Sharon Clouse	ML041890228	07/01/04
151. Comment from Elaine Furr	ML041890231	07/01/04
152. Comment from Betty Fung	ML041890234	07/01/04
153. Comment from Jim Venson	ML041890237	07/01/04
154. Comment from Author Unknown	ML041890240	07/01/04
155. Comment from Author Unknown	ML041890244	07/01/04
156. Comment from Allen Frederickson	ML041890248	07/01/04
157. Comment from Jerry Elston	ML041890251	07/01/04
158. Comment from Author Unknown	ML041890448	07/01/04
159. Comment from Johnny Houston	ML041890451	07/01/04
160. Comment from Author Unknown	ML041890454	07/01/04
161. Comment from Jerome Longchase	ML041890460	07/01/04
162. Comment from Daniel L. Davis	ML041890465	07/01/04
163. Comment from Dustin Davis	ML041890468	07/01/04
164. Comment from Mark Smith	ML041890469	07/01/04
165. Comment from Gertrude I. Marteniz	ML041890472	07/01/04
166. Comment from Virginia Rielsen	ML041890439	07/01/04
167. Comment from Author Unknown	ML041890442	07/01/04
168. Comment from Author Unknown	ML041890447	07/01/04
169. Comment from Author Unknown	ML041890455	07/01/04
170. Comment from Judith Dean	ML041890458	07/01/04

171. Comment from Elda Smith	ML041890475	07/01/04
172. Comment from Kevin Jones	ML041890501	07/01/04
173. Comment from Ramona Fredeck	ML041890503	07/01/04
174. Comment from Author Unknown	ML041890505	07/01/04
175. Comment from Josh C. Rutt	ML041890509	07/01/04
176. Comment from Mark Woodell	ML041890512	07/01/04
177. Comment from Vicki York	ML041890513	07/01/04
178. Comment from Author Unknown	ML041890453	07/01/04
179. Comment from E. W. McCasland	ML041890464	07/01/04
180. Comment from Kendra Murrill	ML041890471	07/01/04
181. Comment from Alanna Bracewell	ML041890516	07/01/04
182. Comment from D. Mapp	ML041890520	07/01/04
183. Comment from Phillip Barr	ML041940393	07/01/04
184. Comment from Phillip Barr	ML041940408	07/01/04
185. Comment from Amy Williams	ML041980029	07/01/04
186. Comment from Phillip Barr	ML041980031	07/01/04

Response to Public Comments	ADAMS Accession Number	Date
Response to Phillip Barr	ML041740359	5/21/04
Scoping Summary Report	ML041050128	04/23/04

Appendix F. Public Involvement - Meeting Archive

Meetings and Other Interactions Between LES and NRC	
Meeting Date	Subject
09/12/2012	Meeting Summary: Met to discuss security issues at the Louisiana Energy Services (LES) URENCO USA (UUSA) Site <ul style="list-style-type: none"> Meeting Summary (Not Publicly Available)
08/09/2012	Meeting Summary: Met to discuss potential plant expansion <ul style="list-style-type: none"> Meeting Summary (Not Publicly Available)
07/10/2012	Meeting Summary: Met to discuss Louisiana Energy Services construction issues <ul style="list-style-type: none"> Meeting Summary (ADAMS Accession Number ML12195A293)
05/17/2012	Meeting Summary: Met to discuss configuration control of Department of Energy (DOE) accredited classified computer networks with DOE and UUSA <ul style="list-style-type: none"> Meeting Summary (Not Publicly Available)
04/10/2012	Meeting Summary: Met to discuss Louisiana Energy Services Performance Review <ul style="list-style-type: none"> Meeting Summary (ADAMS Accession Number ML12108A233)
04/05/2012	Meeting Summary: Met to discuss potential plant expansion <ul style="list-style-type: none"> Meeting Summary (Not Publicly Available)
02/21/2012	Meeting Summary: Met to discuss rejection of update to the FNMCP <ul style="list-style-type: none"> Meeting Summary (Not Publicly Available)
01/19/2012	Meeting Summary: Met to discuss new planned IROFS <ul style="list-style-type: none"> Meeting Summary (Not Publicly Available)
07/11/2011	Meeting Summary: Meeting to discuss commercial grade dedication issues <ul style="list-style-type: none"> Meeting Summary (ADAMS Accession Number ML111930385)
04/12/2011	Meeting Summary: Louisiana Energy Services Performance Review <ul style="list-style-type: none"> Meeting Summary (Not Publicly Available)

03/29/2011	<p>Closed Meeting Notice: Meeting to discuss circumstances related to several potential security violations</p> <ul style="list-style-type: none"> • Meeting Notice (Not Publicly Available)
03/03/2011	<p>Meeting Summary: Louisiana Energy Services Management Meeting</p> <ul style="list-style-type: none"> • Meeting Summary (Not Publicly Available)
07/08/2010	<p>Meeting Notice: Louisiana Energy Services Public Meeting</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML101970498)
05/04/2010	<p>Meeting Summary: Louisiana Energy Services Public Meeting</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML101230387)
03/16/2010	<p>Meeting Summary: Louisiana Energy Services Management Meeting</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML090930077)
03/05/2010	<p>Meeting Summary: Louisiana Energy Services Public Meeting</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML100640608)
12/08/2009	<p>Meeting Summary: Louisiana Energy Services Management Meeting</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML1093570479)
03/16/2009	<p>Meeting Summary: Louisiana Energy Services Management Meeting</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML090980358)
10/02/2008	<p>Meeting Summary: License Performance Review</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML082900961)
06/27/2008	<p>06/19/08 Meeting Summary: Louisiana Energy Services Management Meeting</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML081770173)
01/02/2008	<p>12/17/07 LES Meeting Summary</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML073550462)
11/30/2007	<p>12/17/07 Meeting Notice: Meeting with Louisiana Energy Services to Discuss Project Management Issues and Status Related to the Licensee's Gas Centrifuge Uranium Enrichment Facility to be Constructed in Eunice, NM</p> <ul style="list-style-type: none"> • Meeting Notice (ADAMS Accession Number ML073340479)

09/18/2007	<p>Closed Meeting Notice: Meeting with Louisiana Energy Services to Discuss Additional Security Measures Order on Protection of Classified Information for the National Enrichment Facility</p> <ul style="list-style-type: none"> • Meeting Notice (ADAMS Accession Number ML072400045)
09/14/2007	<p>Closed Meeting Notice: Meeting with Louisiana Energy Services to Discuss Proprietary Structural Design Changes for the National Enrichment Facility</p> <ul style="list-style-type: none"> • Meeting Notice (ADAMS Accession Number ML072400039)
09/12/2007	<p>Closed Meeting Notice: Meeting with Louisiana Energy Services to Discuss Additional Security Measures Order on Physical Security for the National Enrichment Facility</p> <ul style="list-style-type: none"> • Meeting Notice (ADAMS Accession Number ML072400020)
06/11/2007	<p>Louisiana Energy Services Management Meeting</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML071650409)
12/12/2006	<p>Louisiana Energy Services Quarterly Management Meeting</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML063550412)
08/10/2006	<p>Louisiana Energy Services Public Meeting</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML062410178)
05/23/2006	<p>Louisiana Energy Services Quarterly Management Meeting</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML061580032)
02/10/2006	<p>In-Office-Review Summary: Louisiana Energy Services Nuclear Criticality Safety Validation and Verification Report</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML060450577)
12/20/2005	<p>Louisiana Energy Services Management Meeting</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML060040027)
08/02/2005	<p>Louisiana Energy Services Public Meeting Summary</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML052220491)
05/31/2005	<p>In-Office-Review Summary: Louisiana Energy Services Decommissioning Funding</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML052030342)

05/18/2005	<p>Louisiana Energy Services Quarterly Management Meeting</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML051460216)
04/19/2005	<p>In-Office-Review Summary: Louisiana Energy Services Decommissioning Funding</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML051190243)
01/12/2005	<p>January 12, 2005, Meeting Summary: Louisiana Energy Services Quarterly Management Meeting</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML050140065)
11/10/2004	<p>Summary of meeting with Louisiana Energy Services about the LES Gas Centrifuge Uranium Enrichment Plant</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML043240259)
10/21/2004	<p>Louisiana Energy Services Quarterly Management Meeting</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML04000098)
09/09/2004	<p>In-Office-Review Summary: Louisiana Energy Services Safe-By-Design Approach</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML042590644)
07/08/2004	<p>Louisiana Energy Services Criticality Issues Meeting</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML043550286)
06/24/2004	<p>Louisiana Energy Services Quarterly Management Meeting</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML041890291)
05/27-28/2004	<p>Louisiana Energy Services' In-Office Review, Hobbs, New Mexico and Site Visit, Eunice, New Mexico</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML042040279)
03/25/2004	<p>Louisiana Energy Services Quarterly Management Meeting</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML040900434)
03/09-10/2004	<p>Louisiana Energy Services' Integrated Safety Analysis In-Office Review</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML043550254)

02/26/2004	<p>Louisiana Energy Services' Approach for Preparing the Integrated Safety Analysis</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML040630042)
11/04/2003	<p>Public Meeting on the Louisiana Energy Services Proposed Enrichment Plant in Eunice, New Mexico</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML033170151)
10/01-03/2003	<p>Meetings with Local Officials Related to the Louisiana Energy Services Proposed Enrichment Plant in Eunice, New Mexico</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML032890065)
03/06-07/2003	<p>Conference call to discuss Quality Assurance Summary</p> <ul style="list-style-type: none"> • Call summary (ADAMS Accession Number ML030920635)
02/12/2003	<p>Louisiana Energy Services State Senate Hearing</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML030710415)
11/18/2002	<p>Louisiana Energy Services Smith County Commission Meeting and Macon County Public Information Forum</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML023520474)
10/21/2002	<p>Trousdale County Commission Meeting Summary</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML023020641)
10/14/2002	<p>LES Public Information Forum Meeting Summary</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML022980342)
10/03/2002	<p>Louisiana Energy Services Pre-Application Meeting on Site Characterization</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML030210165)
09/24-25/2002	<p>Meeting with State Officials and County Executives on LES proposed application</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML022750535)
09/05/2002	<p>LES Pre-Application Meeting on Operational Experience and Quality Assurance</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML022660310)

08/08/2002	<p>LES Pre-Application Meeting on Instrumentation and Controls and Integrated Safety Assessment</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML022250407)
06/25/2002	<p>Louisiana Energy Services Pre-Application Meeting on Information Security</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML021830691)
05/29/2002	<p>Louisiana Energy Services Pre-Application Meeting on Information Security</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML021760394)
05/21-23/2002	<p>Foreign Trip</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML022100265)
04/30/2002	<p>LES Pre-Application Meeting on General Policy Issues</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML021480298)
03/19/2002	<p>LES Pre-Application Meeting on General Licensing Issues</p> <ul style="list-style-type: none"> • Meeting Summary (ADAMS Accession Number ML021010042)

Appendix G. Indirect Transfer of License

On October 19, 2007, LES submitted a request for indirect transfer of license. In this request, LES proposed to: (1) restructure itself from a Limited Partnership to a Limited Liability Company; and (2) reorganize the ownership arrangement of URENCO Deelnemingen BV, a current partner of LES. No physical changes to the LES facility or operational changes were proposed.

On January 31, 2008, in accordance with 10 CFR 2.1301(b), NRC published a *Federal Register* notice on the consideration of the application and offering an opportunity to provide comments and petition for a hearing. No comments or petitions for a hearing were received.

The following is a list of correspondence applicable to this licensing action:

Document	Date	ADAMS Accession Number
LES request for indirect transfer of license	10-19-07	ML073580228
NRC acceptance review	11-07-07	ML073170148
LES revision of proprietary designation	11-05-07	ML073120014
NRC approval of request to withhold information	11-30-07	ML073330368
<i>Federal Register</i> Notice	01-31-08	ML073551143
NRC approval of Indirect Transfer of License	04-03-08	ML080800028
Amendment to License	05-09-08	ML081160192

Appendix H. Inspection Reports

NRC inspection reports issued in the 2007 to 2012 timeframe are referenced below.

Inspection Report Numbers	Date	ADAMS Accession Number
70-3103/2007-001	01-19-07	ML070190661
70-3103/2007-001	05-24-07	ML071440430
70-3103/2007-002	08-16-07	ML072280647
70-3103/2007-003	11-02-07	ML073060571
70-3103/2007-004	03-07-08	ML080670475
70-3103/2008-001	04-24-08	ML081160345
70-3103/2008-002	07-10-08	ML081930118
70-3103/2008-003	10-30-08	ML083040618
70-3103/2009-001	03-26-09	ML090850669
70-3103/2009-002	06-30-09	ML091770643
70-3103/2009-003	09-30-09	ML092730612
70-3103/2009-004	12-21-09	ML093511013
70-3103/2009-006	10-14-09	ML092820188
70-3103/2009-007	01-27-2010	ML100271177
70-3103/2009-008	03-18-2010	ML100770218
70-3103/2010-005	03-26-2010	ML100850424
70-3103/2010-006	05-03-2010	ML101230475
70-3103/2010-007	03-31-2010	ML100900329
70-3103/2010-008	04-27-2010	ML101170813
70-3103/2010-009	05-07-2010	ML101300087

70-3103/2010-010	05-28-2010	ML101480080
70-3103/2010-202	06-04-2010	ML101480060
70-3103/2010-001	06-30-2010	ML101810503
70-3103/2010-011	07-16-2010	ML101970444
70-3103/2010-012	07-21-2010	ML102020385
70-3103/2010-013	08-20-2010	ML102320298
70-3103/2010-203	11-26-2010	ML103130421
70-3103/2010-014	12-09-2010	ML103430490
70-3103/2010-003	12-17-2010	Not Publicly Available
70-3103/2010-015	12-22-2010	ML103560272
70-3103/2010-004	01-13-2011	ML110130336
70-3103/2010-205	02-07-2011	Not Publicly Available
70-3103/2011-006	03-31-2011	ML11090A037
70-3103/2011-002	04-29-2011	ML111190268
70-3103/2011-008	06-15-2011	ML111660886
70-3103/2011-010	06-22-2011	ML111730397
70-3103/2011-003	07-26-2011	ML112070634
70-3103/2011-011	09-19-2011	ML11263A098
70-3103/2011-202	09-22-2011	Not Publicly Available
70-3103/2011-201	10-05-2011	ML111040039
70-3103/2011-004	10-28-2011	ML11301A218
70-3103/2011-203	11-29-2011	Not Publicly Available
70-3103/2011-012	12-07-2011	ML113410075

70-3103/2011-009	12-08-2011	ML11342A131
70-3103/2011-204	12-15-2011	Not Publicly Available
70-3103/2011-007	12-16-2011	ML11353A102
70-3103/2011-013	01-25-2012	ML12025A286
70-3103/2011-005	01-30-2012	ML12030A239
70-3103/2012-201	04-19-2012	ML12108A130
70-3103/2012-202	05-01-2012	Not Publicly Available
70-3103/2012-003	07-06-2012	ML12188A105
770-3103/2012-204	07-12-2012	Not Publicly Available