

IN THE UNITED STATES COURT OF APPEALS
FOR THE DISTRICT OF COLUMBIA CIRCUIT

OHIO NUCLEAR-FREE)	
NETWORK and BEYOND)	
NUCLEAR,)	
Petitioners,)	
)	
v.)	No. 21-1162
)	
UNITED STATES NUCLEAR)	
REGULATORY COMMISSION and)	
the UNITED STATES OF AMERICA)	
Respondents)	

CERTIFIED INDEX TO THE RECORD

I certify to the best of my knowledge and belief that the documents listed on the attached index constitute the record before the agency relating to the NRC's approval of the license amendment request, dated June 11, 2021, that is attached to the Petition for Review in this matter filed by Petitioners on August 2, 2021.

The parties have agreed the joint appendix prepared in this matter can include documents listed in this certified index as well as the materials to which they cite.

Respectfully Submitted,

/s/ Eric V. Michel

ERIC V. MICHEL

Senior Attorney

Office of the General Counsel

U.S. Nuclear Regulatory Commission

September 20, 2021

CERTIFIED INDEX TO RECORD

OHIO-NUCLEAR FREE NETWORK and BEYOND NUCLEAR v. UNITED STATES
NUCLEAR REGULATORY COMMISSION and UNITED STATES OF AMERICA
(No. 21-1162)

	DESCRIPTION	DOCUMENT DATE	ACCESSION NUMBER	AVAILABILITY
1	NRC, NUREG-1601, "Chemical Process Safety at Fuel Cycle Facilities"	1997-08-31	ML20210J626	Public
2	NRC, NUREG/CR-6410, "Nuclear Fuel Cycle Facility Accident Analysis Handbook"	1998-03-31	ML072000468	Public
3	NRC, NUREG/CR-6504, "An Updated Nuclear Criticality Slide Rule," Volume 2	1998-04-30	ML20236S695	Public
4	NRC, NUREG/CR-6698, "Guide for Validation of Nuclear Criticality Safety Calculational Methodology," Revision 0	2001-01-31	ML050250061	Public
5	NRC, NUREG-1513, "Integrated Safety Analysis Guidance Document"	2001-05-31	ML011440260	Public
6	NRC Letter to USEC Inc. Providing Final Safety Evaluation Report, Finding of No Significant Impact, and Environmental Assessment for the Lead Cascade Facility	2004-01-28	ML040280479	Non-Public
7	NRC Final Safety Evaluation Report of the USEC Inc. American Centrifuge Lead Cascade Facility at Piketon, Ohio	2004-01-31	ML040280554	Non-Public
8	NRC, "Final Environmental Assessment of the USEC Inc. American Centrifuge Lead Cascade Facility at Piketon, Ohio"	2004-01-24	ML040210751	Public
9	NRC, "Redacted License for the American Centrifuge Lead Cascade Facility"	2004-02-24	ML062630432	Public
10	NRC, "License for the USEC Inc. American Centrifuge Plant"	2007-04-13	ML070400284	Non-Public

11	USEC Inc., "Environmental Report for the American Centrifuge Plant in Piketon, Ohio, Revision 0," (NRC Docket Number 70-7004)	2004-08-31	ML043620221	Public
12	NRC, "Environmental Impact Statement for the Proposed American Centrifuge Plant in Piketon, Ohio, Final Report, NUREG-1834, Vol. 1"	2006-04-30	ML061250131	Public
13	NRC, Consolidated Decommissioning Guidance (Volumes 1-3) NUREG-1757	2006-09-01	NRC Public Web Site	Public
14	NRC, NUREG-1851, "Safety Evaluation Report for the American Centrifuge Plant in at Piketon, Ohio"	2006-09-30	ML062700087	Public
15	NRC, Information Notice (IN) 2007-13, "Use of As-Found Conditions to Evaluate Criticality-Related Process Upsets and Fuel Cycle Facilities"	2007-04-04	ML070710036	Public
16	NRC, Regulatory Guide 1.28, "Quality Assurance Program Criteria (Design and Construction)," Rev. 4	2010-06-30	ML100160003	Public
17	USEC Inc., NR-3605-0006, Decommissioning Funding Plan for the American Centrifuge Plant	2011-10-31	ML21153A407	Non-Public
18	NRC, "U.S. Nuclear Regulatory Commission Final Report to Congress on Health, Safety, and Environmental Conditions at the Gaseous Diffusion Plants Located Near Paducah, Kentucky, and Portsmouth, Ohio, October 1, 2013, to February 2, 2015"	2015-02-02	ML15289A308	Public
19	NRC, FCSE-ISG-15, "Natural Phenomena Hazards in Fuel Cycle Facilities"	2015-06-26	ML15121A044	Public

20	NRC, NUREG-1520, "Standard Review Plan for Fuel Cycle Facilities License Applications," Rev. 2	2015-09-30	ML15176A258	Public
21	NRC, "NRC Inspection Report No. 07007003/2018001(DNMS) – American Centrifuge Operating, LLC, Lead Cascade Facility"	2018-09-12	ML18260A122	Public
22	DOE/USEC, "Amendment to Appendix 1 Lease Agreement Between the U.S. Department of Energy and United States Enrichment Corporation for the Gas Centrifuge Enrichment Plant"	2019-06-27	ML21109A010	Non-Public
23	American Centrifuge Operating, LLC, "Submittal of Nuclear Criticality Safety Code Validation for the American Centrifuge Plant," ACO 19-0030 (Cover Letter)	2019-12-05	ML19352G024	Public
24	American Centrifuge Operating, LLC, "Security Facility Approval for Classified Work: Review of Security Program and Applicable Security Plans for American Centrifuge Operating, LLC's Technology and Manufacturing Center in Oak Ridge, Tennessee" ACO 20-0004 (Cover Letter)	2020-02-06	ML20050F863	Public
25	American Centrifuge Operating, LLC, "License Amendment Request for American Centrifuge Operating, LLC's Transportation Security Plan," ACO 20-0008 (Cover Letter)	2020-03-10	ML20108F542	Public
26	American Centrifuge Operating, LLC, "License Amendment Request for American Centrifuge Operating, LLC's Security Plan(s)" ACO 20-0009 (Cover Letter)	2020-03-31	ML20136A471	Public

27	American Centrifuge Operating, LLC, "Quality Assurance Program Description for the American Centrifuge Plant, Piketon, Ohio," ACO 20-0010 (Enclosure 4 to Cover Letter)	2020-04-16	ML20125A105 (ML20125A126 -ADAMS Pkg.)	Public
28	American Centrifuge Operating, LLC, "License Amendment Request for American Centrifuge Operating, LLC' s License Application and Supporting Documents for the American Centrifuge Plant," ACO 20-0010	2020-04-22	ML20125A103 (ML20125A126 -ADAMS Pkg.)	Public
29	American Centrifuge Operating, LLC, "License Application for the American Centrifuge Plant Chapters 1 – 3"	2020-04-22	ML20125A108 (Part 1)	Public
30	American Centrifuge Operating, LLC, "License Application for the American Centrifuge Plant Chapters 4 - 11"	2020-04-22	ML20125A116 (Part 2)	Public
31	American Centrifuge Operating, LLC, "License Amendment Request for American Centrifuge Operating, LLC' s License Application and Supporting Documents for the American Centrifuge Plant," ACP ISA Addendum 1 for HALEU Demonstration Parts 1 and 2	2020-04-22	ML20125A117 (Part 1); ML20125A106 (Part 2)	Non-Public
32	American Centrifuge Operating, LLC, "License Amendment Request for American Centrifuge Operating, LLC' s License Application and Supporting Documents for the American Centrifuge Plant," ACO 20-0013 (Cover Letter & Enclosure 1)	2020-05-07	ML20139A100	Public
33	American Centrifuge Operating "Environmental Report for the American Centrifuge Plant in Piketon, Ohio"	2020-05-07	ML20139A098 (Part 1); ML20139A097 (Part 2)	Public

34	American Centrifuge Operating, LLC, "Resubmittal of Enclosure to License Amendment Request for American Centrifuge Operating, LLC's License Application and Supporting Documents for the American Centrifuge Plant," ACO 19-0025 (Cover Letter & Encl. 1)	2020-06-17	ML20174A144	Public
35	American Centrifuge Operating, LLC, "License Amendment Request for American Centrifuge Operating, LLC's License Application and Supporting Documents for the American Centrifuge Plant," ACO 20-0021	2020-06-23	ML20314A098	Non-Public
36	NRC's Acceptance for Detailed Review of Centrus Energy Corp.'s License Amendment Application for its American Centrifuge Plant High Assay Low Enriched Uranium Program Submitted on April 22, 2020 and May 7, 2020"	2020-06-23	ML20162A261	Public
37	NRC's Acceptance for Detailed Review of Centrus Energy Corp.'s Physical Security Plan submitted June 23, 2020, Provided by Y. Faraz in an E-Mail Summary of Conference call from Y. Faraz of NRC to K. Wiehle of Centrus Conference Call Summary ML20203M196 to K. Wiehle of ACO"	2020-07-21	ML20288A247 ADAMS Pkg, ML20288A248 (public), ML20288A249 (non-public), ML20203M188 (non-public)	Mixed Availability Public and Non- Public

38	American Centrifuge Operating, LLC, "License Amendment Request for American Centrifuge Operating, LLC's License Application and Supporting Documents for the American Centrifuge Plant," ACO 20-0029 (Cover Letter for Providing Supplemental Response to NRC Question Discussed in a July 20, 2020 Conference Call)	2020-08-05	ML20314A099	Public
39	NRC, "Summary of Onsite Review of Centrus' HALEU Amendment Application's Nuclear Criticality Safety and Integrated Safety Analysis," Memorandum	2020-08-26	ML20237F263	Public
40	"E-Mail from Y. Faraz of NRC Forwarding Draft RAIs to K. Wiehle of ACO"	2020-08-31	ML20245E408	Non-Public
41	NRC, "Request for Additional Information Regarding Centrus Energy Corp. American Centrifuge Operation American Centrifuge Plant High Assay Low Enriched Uranium Program Amendment"	2020-09-11	ML20245E173 (ADAMS Pkg.); ML20245E175 (public); ML20245E176 (non-public); ML20245E177 (public)	Mixed Availability
42	"E-Mail from Y. Faraz of NRC Providing August 31, 2020 Site Visit Summary to D. Marcano of NRC"	2020-10-08	ML20283A343	Public
43	American Centrifuge Operating, LLC. "Response to Requests for Additional Information Related to American Centrifuge Operating LLC's License Amendment Request," ACO 20-0036	2020-10-14	ML20301A436 (ADAMS Pkg. ML20301A440)	Public

44	American Centrifuge Operating, LLC, "Enclosure 1 - Responses to NRC's Requests for Additional Information Related to the License Amendment Request for the High Assay Low Enriched Uranium Demonstration Program - License Application Chapters 4, 6, 7, and 11"	2020-10-14	ML20301A439	Public
45	American Centrifuge Operating, LLC, "Response to Requests for Additional Information Related for American Centrifuge Operation LLC's License Amendment Request," ACO 20-0036	2020-10-14	ML20301A436 (ADAMS Pkg. ML20301A440)	Public
46	"Response to NRC Staff Comments for American Centrifuge Operating, LLC's Fundamental Nuclear Material Control Plan," ACO 20-0035	2020-10-15	ML20300A480	Non-Public
47	American Centrifuge Operating, LLC, "Proposed Changes for [Request for] Additional Information Related for American Centrifuge Operating, LLC's License Amendment Request"	2020-10-19	ML20301A264	Non-Public
48	American Centrifuge Operating, LLC, DAC-3901-0005, Rev. 2, Evaluation of No Need for an Emergency Plan for the HALEU Demonstration	2020-10-29	ML20335A331	Non-Public
49	NRC, "Summary of Conference Call Between NRC and Centrus/ACO to Discuss FNMCP RAI Responses," (cover letter)	2020-11-11	ML20321A147	Public

50	NRC, "Request for Additional Information Regarding Centrus Energy Corp. American Centrifuge Operating, LLC Physical Security Plan for the American Centrifuge Plant High Assay Low Enriched Uranium Program Amendment," (Cover Letter)	2020-12-15	ML20338A149	Public
51	American Centrifuge Operating, LLC, "Supplement to American Centrifuge Operating, LLC Security Plan License Amendment Request," ACO 20-0038	2020-12-29	ML21036A190	Public
52	American Centrifuge Operating, LLC, "Supplemental Response to NRC Staff Comments for American Centrifuge Operating, LLC's Fundamental Nuclear Material Control Plan," ACO 21-0002 (E-mail)	2021-01-14	ML21036A188	Public
53	NRC, "Approval of American Centrifuge Operating's License Amendment Request for the Classified Matter Protection Plan for American Centrifuge Operating's Technology and Manufacturing Center in Oak Ridge Tennessee"	2021-03-25	ML21067A085	Public
54	NRC, "Materials License SNM-2011, Amendment 12 for American Centrifuge Operating, LLC"	2021-03-25	ML21067A090	Public
55	Letter from Terry Lodge re: American Centrifuge Plant; Docket Number 70-7004; License Number SNM-2011 License Amendment Request for American Centrifuge Operating, LLC's License Application for the American Centrifuge Plant (ACP) in Piketon, Ohio	2021-03-30	ML21090A056	Public

56	Letter from Kelly L. Fitch to John W. Lubinski; American Centrifuge Operating, LLC, "DOE's HALEU Demonstration Contract Number 89303519CNE000005, awarded May 31, 2019 and definitized on October 31, 2019"	2021-04-27	ML21127A153	Public
57	American Centrifuge Operating, LLC, "DOE's HALEU Demonstration Contract Number 89303519CNE000005 Awarded May 31, 2019 and Definitized on October 31, 2019"	2021-04-27	ML21127A153	Public
58	Letter from Kelly L. Fitch to John W. Lubinski; Issuance of Final Revision for American Centrifuge Operating, LLC's License Application and Supporting Documents - EPID Numbers: L-2020-LLA-0085 and L-2020-SPR-0009; and Supporting Documents	2021-05-25	ML21148A261	Non-Public
59	Issuance of Final Revision for American Centrifuge Operating LLC's License Application and Supporting Documents	2021-05-25	ML21152A073 (ADAMS Pkg.)	Non-Public
60	American Centrifuge Operating LLC, "Revision for American Centrifuge Operating, LLC's License Application and Supporting Documents	2021-05-25	ML21148A148	Non-Public
61	American Centrifuge Operating, LLC, "Revision for American Centrifuge Operating, LLC's License Application and Supporting Documents"	2021-05-25	ML21148A147	Public
62	E-mail Response to Terry Lodge Letter on Centrus-ACO'S HALEU Demonstration Amendment Request	2021-05-28	ML21148A270	Public
63	LA-3605-0001, License Application for the American Centrifuge Plant in Piketon, Ohio, Revision 54	2021-05-31	ML21152A164	Non-Public

64	LA-3605-0002, Environmental Report for the American Centrifuge Plant	2021-05-31	ML21153A417	Non-Public
65	Withheld Appendix D of LA-2605-0001, License Application for the American Centrifuge Plant	2021-05-31	ML21152A163	Non-Public
66	Withheld Appendix F of LA-3605-0001, License Application for the American Centrifuge Plant	2021-05-31	ML21154A171	Non-Public
67	Appendix C, Cost Comparison to Construct and Operate the American Centrifuge Plant	2021-05-31	ML21154A165	Non-Public
68	Appendix D, Decommissioning Cost Estimate Tables (Proprietary)	2021-05-31	ML21154A169	Non-Public
69	Withheld Appendix B of LA-3605-0001, License Application for the American Centrifuge Plant	2021-05-31	ML21154A166	Non-Public
70	Appendix E, LA-3605-0002, Export Controlled Information	2021-05-31	ML21154A167	Non-Public
71	Appendix E, Event Frequency Development	2021-05-31	ML21154A172	Non-Public
72	Appendix E, LA-3605-0001, License Application Proprietary and Export Controlled Information	2021-05-31	ML21154A170	Non-Public
73	LA-3605-0003, Integrated Safety Analysis (ISA) Summary for the American Centrifuge Plant	2021-05-31	ML21154A239	Non-Public
74	ISA Summary for the American Centrifuge Plant	2021-05-31	ML21154A283	Non-Public
75	LA-3605-003A, Addendum 1 of the Integrated Safety Analysis (ISA) Summary for the American Centrifuge Plant - HALEU Demonstration	2021-05-31	ML21155A024	Non-Public
76	NR-3605-0005, Fundamental Nuclear Material Control Plan for the American Centrifuge Plant	2021-05-31	ML21154A207	Non-Public

77	NR-3605-000SB, Addendum 1 of the Fundamental Nuclear Material Control Plan for the American Centrifuge Plant - HALEU Demonstration	2021-05-31	ML21154A206	Non-Public
78	Appendix F, Figures Containing Export Controlled Information	2021-05-31	ML21154A208	Non-Public
79	Rev 23 to NR-3605-0003, "Quality Assurance Program Description for the American Centrifuge Plant	2021-05-31	ML2116A272	Non-Public
80	Appendix A, Integrated Safety Analysis	2021-06-01	ML21148A293	Non-Public
81	U.S. Nuclear Regulatory Commission, "Environmental Assessment and Finding Of No Significant Impact for the American Centrifuge Plant HALEU Demonstration Program License Amendment"	2021-06-07	ML21085A705	Public
82	Approval of Centrus/ACO's Haleu Demonstration Amendment	2021-06-11	ML21138A826 (ADAMS Pkg.)	Public
83	Letter from Jacob I. Zimmerman, Chief Fuel Facility Licensing Branch, Division of Fuel Management, Office of Nuclear Material Safety & Safeguards to Kelly L. Fitch, Regulatory Manager, American Centrifuge Operating, LLC, "License Amendment 13-- Approval to Operate 16 Centrifuges to Demonstrate Production of High-Assay Lo-Enriched Uranium in Piketon, Ohio Until May 31, 2021"	2021-06-11	ML21138A827	Public
84	Safety Evaluation Report	2021-06-11	ML21148A291	Public
85	Appendix B, Minimum Margin of Subcriticality	2021-06-11	ML21148A294	Non-Public
86	Appendix C, Material Control & Accounting	2021-06-11	ML21152A021	Non-Public
87	Appendix E, Emergency Management	2021-06-11	ML21152A029	Non-Public
88	Complete ACP License	2021-06-11	ML21138A829	Non-Public
89	Redacted ACP License	2021-06-11	ML21138A828	Public