



January 28, 2019
ACO 19-0002

ATTN: Document Control Desk
Mr. Marc L. Dapas, Director
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

**American Centrifuge Plant and American Centrifuge Lead Cascade Facility
Docket Numbers 70-7004 and 70-7003; License Numbers SNM-2011 and SNM-7003**

Annual Summary Report of Facility Changes

Dear Mr. Dapas:

In accordance with 10 *Code of Federal Regulations* (CFR) 70.72(d)(2) and Nuclear Regulatory Commission Materials License Conditions 16.c.ii (SNM-7003) and 24.c.ii (SNM-2011), American Centrifuge Operating, LLC (ACO) hereby submits a brief summary of the changes required by 10 CFR 70.62(a)(2) for facility changes made during calendar year 2018.

Enclosure 1 provides the summary of facility changes for both the American Centrifuge Lead Cascade Facility and American Centrifuge Plant. The non-consecutive change evaluation numbering in the enclosure is a result of unimplemented changes or cancelled evaluations.

If you have any questions regarding this matter, please contact me at (740) 897-3859.

Sincerely,

Kelly L. Wiehle
Regulatory Manager

Enclosure: As Stated

NM5520

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cc (without enclosure, unless otherwise noted):

Y. Faraz, NRC HQ (Enclosure)

M. Kotzalas, NRC HQ

M. Learn, NRC Region III

L. Pitts, NRC Region II

Enclosure 1 to ACO 19-0002

**Summary of Facility Changes for the American Centrifuge Lead Cascade Facility
and American Centrifuge Plant for Calendar Year 2018**

Information Contained Within
Does Not Contain
Export Controlled Information

Reviewer #1014
Date: 01/28/2019

**2018 Brief Summary of Changes for the American Centrifuge Lead Cascade Facility (LCF) and
American Centrifuge Plant (ACP)**

FCE Number PCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 18-0001 PCE - N/A	0	<p>Title: Revision to FBP Procedure FBP-EM-PRO-00019, Emergency Operations Center Concept of Operations</p> <p>Description of Change: Revised procedure to remove the Emergency Operations Center Lead Cascade Construction and Operations Advisor position and other administrative changes.</p> <p>Reason for the Change: The Lead Cascade Construction and Operations Advisor position was created to provide the Emergency Response cadre with an individual knowledgeable of the status of Lead Cascade and ACP construction activities, as well as the status of operations at the Lead Cascade.</p> <p>At this time, the Lead Cascade has transitioned from a construction and operational status to decommissioning. A significant event that would warrant coordination by a Centrus employee positioned in the EOC are not likely. Furthermore, the on-site Balance of Plant Supervisor is best equipped to understand the plant conditions at any particular time. Based on these facts, eliminating the Lead Cascade Construction and Operations Advisor position from the EOC cadre would not have a negative impact on emergency response actions.</p>	2/26/2018	No	FBP-EM-PRO-00019 Rev 7	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 18-0003 PCE 18-0002	0	<p>Title: Revision to Procedure ACD2-SP-016, Protection and Control of Unclassified Controlled Nuclear Information (UCNI)</p> <p>Description of Change: Procedure revised to add the use of comparable destruction methods as approved by the Centrifuge Classification Officer or Facility Security Officer as allowed by the requirements of 10 CFR 1017.26.</p> <p>Reason for the Change: Clarify procedure requirements related to decommissioning.</p>	2/8/2018	No	ACD2-SP-016 Chg 8	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number PCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 18-0003 PCE 18-0002	1 1	Title: Revision to Procedure ACD2-SP-016, Protection and Control of Unclassified Controlled Nuclear Information (UCNI) Description of Change: Revised change evaluation to provide the correct answer to Question 3C of Form AC-001, which drove the inclusion of Form AC-002 to provide a decrease of effectiveness evaluation for the procedure revision. Reason for the Change: Correct deficiencies noted within Revision 0 of this change evaluation.	1/24/2019	No	ACD2-SP-016 Chg 8	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 18-0004 PCE 18-0003	0 0	Title: Cancellation of Procedure ACD2-PS-004, Handling and Processing of Classified and Safeguards Information Documents for Offsite Deliveries and Receipts Description of Change: Cancelled procedures and applicable forms for ACD2-PS-004. Reason for the Change: On February 1, 2018, the NRC issued a Non-Possessing Facility Clearance to the Licensee, ACO. Classified matter has been shipped off- site for burial at an approved DOE classified burial site; returned to DOE for further disposition; sent to the Centrus Technical Manufacturing Center in Oak Ridge, Tennessee; or was appropriately destroyed. There is no longer a requirement to have a Security Program for the protection of Special Nuclear Material (SNM) or classified matter; therefore, the level of physical security that was in place for the protection of classified matter and SNM is no longer required.	2/13/2018	No	ACD2-PS-004 Chg 11	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 18-0004 PCE 18-0003	1 1	Title: Cancellation of Procedure ACD2-PS-004, Handling and Processing of Classified and Safeguards Information Documents for Offsite Deliveries and Receipts Description of Change: Revised change evaluation to provide the correct answer to Question 3C of Form AC-001, which drove the inclusion of Form AC-002 to provide a decrease of effectiveness evaluation for the procedure cancellation. Reason for the Change: Correct deficiencies noted within Revision 0 of this change evaluation.	1/24/2019	No	ACD2-PS-004 Chg 11	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number PCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 18-0005 PCE 18-0004	0 0	<p>Title: Cancellation of Procedures ACD4-SP-025, ACD2-SP-026, ACD2-SP-033, ACD2-SP-038, and SP-2605-0005</p> <p>Description of Change: Cancelled procedures and applicable forms for ACD4-SP-025, Security Alarm Response; ACD2-SP-026, Security Access Control and Alarm System; ACD2-SP-033, Identification and Protection of Safeguards Information (SGI); ACD2-SP-038, Classified Item Control and Inventory; and SP-2605-0005, American Centrifuge Program Classified Matter Protection and Control Manual (CMPC).</p> <p>Reason for the Change: On February 1, 2018, the NRC issued a Non-Possessing Facility Clearance to ACO. Classified matter has been shipped off-site for burial at an approved DOE classified burial site; returned to DOE for further disposition; sent to the Centrus Technical Manufacturing Center in Oak Ridge, Tennessee; or was appropriately destroyed. There is no longer a requirement to have a Security Program for the protection of SNM or classified matter; therefore, the level of physical security that was in place for the protection of classified matter and SNM is no longer required.</p>	2/7/2018	No	ACD4-SP-025 Chg 6; ACD2-SP-026 Chg 12; ACD2-SP-033 Chg 11; ACD2-SP-038 Chg 6; and SP-2605-0005 Rev 21	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 18-0005 PCE 18-0004	1 1	<p>Title: Cancellation of Procedures ACD4-SP-025, ACD2-SP-026, ACD2-SP-033, ACD2-SP-038, and SP-2605-0005</p> <p>Description of Change: Revised Form AC-002 to correct the justification provided for the decrease of effectiveness evaluation for the procedure cancellations.</p> <p>Reason for the Change: Correct deficiencies noted within Revision 0 of this change evaluation.</p>	1/28/2019	No	ACD4-SP-025 Chg 6; ACD2-SP-026 Chg 12; ACD2-SP-033 Chg 11; ACD2-SP-038 Chg 6; and SP-2605-0005 Rev 21	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 18-0006 PCE 18-0005	0 0	<p>Title: Revision to Procedure ACD2-SP-017, Badge Issue/Visitor Control Program</p> <p>Description of Change: Revised procedure to allow Balance of Plant Shift Supervisor the ability to issue temporary badges on off-shift hours, as needed, since the Central Alarm Station is no longer in operation.</p> <p>Reason for the Change: Clarify procedure requirements related to the receipt of Non-Possessing Facility Clearance.</p>	2/21/2018	No	ACD2-SP-017 Chg 16	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number PCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 18-0006 PCE 18-0005	1 1	Title: Revision to Procedure ACD2-SP-017, Badge Issue/Visitor Control Program Description of Change: Revised Form AC-002 to correct the justification provided for the decrease of effectiveness evaluation for the procedure revision. Reason for the Change: Correct deficiencies noted within Revision 0 of this change evaluation.	1/24/2019	No	ACD2-SP-017 Chg 16	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 18-0007 PCE 18-0006	0 0	Title: Revision to Procedure ACD2-PS-001, Document Control Process Description of Change: Revised procedure and Form AC-049 to remove references to classified and safeguards information; deleted references; and replaced the use of Transmittal/Receipt Acknowledgement electronic application database with manual controlled Document Distribution List, where applicable. Reason for the Change: Clarify procedure requirements related to the receipt of Non-Possessing Facility Clearance.	2/23/2018	No	ACD2-PS-001 Chg 13	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 18-0007 PCE 18-0006	1 1	Title: Revision to Procedure ACD2-PS-001, Document Control Process Description of Change: Revised change evaluation to provide the correct answer to Question 3C of Form AC-001, which drove the inclusion of Form AC-002 to provide a decrease of effectiveness evaluation for the procedure revision. Reason for the Change: Correct deficiencies noted within Revision 0 of this change evaluation.	1/24/2019	No	ACD2-PS-001 Chg 13	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number PCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 18-0008 PCE 18-0007	0 0	<p>Title: Cancellation of FBP Procedure FBP-EM-PRO-00003, Mobile Communications Vehicle</p> <p>Description of Change: FBP provides emergency management and response services to Centrus utilizing FBP procedures. The Mobile Communication Vehicle is no longer in use; therefore, procedure was cancelled.</p> <p>Reason for the Change: The Mobile Communication Vehicle described by FBP procedure FBP-EM-PRO-00003 has not been utilized in the recent past, nor is it planned to be utilized in the future. FBP Emergency Management utilizes various other communication methods during emergency situations, including telephone (hard wired and cell), public address, radio, pager, and public warning systems. Therefore, removing the Mobile Communication Vehicle method will not result in a decrease in effectiveness of the Emergency Plan or any other License commitments.</p>	3/29/2018	No	FBP-EM-PRO-00003 Rev 2; and USEC-02 Table of Contents and Sections 6.1.4 and 6.2.3	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 18-0009 PCE 18-0008	0 0	<p>Title: Cancellation of Procedures ACD2-SP-003, ACD2-SP-009, ACD2-SP-010, and ACD2-SP-014</p> <p>Description of Change: Cancelled procedures and applicable forms for ACD2-SP-003, Reproduction of Classified Documents; ACD2-SP-009, High Security Key and Lock Control for Classified Storage Areas; ACD2-SP-010, Control of Classified Repositories; and ACD2-SP-014, Limiting Access to Classified Information and Escorting.</p> <p>Reason for the Change: On February 1, 2018, the NRC issued a Non-Possessing Facility Clearance to ACO. Classified matter has been shipped off-site for burial at an approved DOE classified burial site; returned to DOE for further disposition; sent to the Centrus Technical Manufacturing Center in Oak Ridge, Tennessee; or was appropriately destroyed. There is no longer a requirement to have a Security Program for the protection of SNM or classified matter; therefore, the level of physical security that was in place for the protection of classified matter and SNM is no longer required.</p>	3/7/2018	No	ACD2-SP-003 Chg 4; ACD2-SP-009 Chg 7; ACD2-SP-010 Chg 6; and ACD2-SP-014 Chg 6	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 18-0009 PCE 18-0008	1 1	<p>Title: Cancellation of Procedures ACD2-SP-003, ACD2-SP-009, ACD2-SP-010, and ACD2-SP-014</p> <p>Description of Change: Revised Form AC-002 to correct the justification provided for the decrease of effectiveness evaluation for the procedure cancellations.</p> <p>Reason for the Change: Correct deficiencies noted within Revision 0 of this change evaluation.</p>	1/24/2019	No	ACD2-SP-003 Chg 4; ACD2-SP-009 Chg 7; ACD2-SP-010 Chg 6; and ACD2-SP-014 Chg 6	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number PCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 18-0010 PCE 18-0009	0 0	Title: American Centrifuge Plant Temporary Fuel Station Description of Change: The proposed change is to extend the time of expected operation for the temporary satellite fuel station for an additional 18-months with an expiration date of September 30, 2019. The fuel station consists of a 1,000 gallon fuel storage tank west of the X-7725A on the west side of Plover Avenue. The tank consists of two internal 500 gallon tanks; one for gasoline and one for diesel fuel. The installation was in accordance with SOW-2518-0011, Rev. 0 and its supporting documentation. The installation is not being affected by this change. Reason for the Change: The temporary satellite fuel station is used to provide fueling services to site located equipment and vehicles that support ACP activities. This service eliminated ACP dependence on the GDP/FBP fuel pumps and provided the ACP with a more cost efficient method for fueling/re-fueling support equipment and vehicles.	3/28/2018	No	SOW-2518-0011 Rev 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 18-0011 PCE 18-0010	0 0	Title: Revision to Procedure ACD4-UP-010, Routine Switchyard Station Checks at the X-5000 Description of Change: Clarified procedure and form AC-481 to provide additional guidance for checking the status of the transfer trip equipment; and correct grammatical errors. Reason for the Change: Clarify procedure requirements.	3/22/2018	No	ACD4-UP-010 Chg 18	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 18-0012 PCE - N/A	0	Title: Revision to FBP Procedure FBP-EM-PRO-00025, Emergency Management Program Description of Change: Completed the procedure periodic review process, which identified general editorial, title, and document reference changes (i.e., DOE Order 151.1D) changes. Reason for the Change: Clarify procedure requirements.	4/23/2018	No	FBP-EM-PRO-00025 Rev 4	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number PCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 18-0013 PCE 18-0011	0 0	Title: Revision to procedure ACD2-SP-006, Electronic Equipment & Devices Description of Change: Revised procedure due to the removal of the classified network; however, some electronic equipment will be permitted to be introduced to the Controlled Access Area. Reason for the Change: Clarify procedure requirements related to receipt of Non-Possessing Facility Clearance.	5/14/2018	No	ACD2-SP-006 Chg 9	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 18-0013 PCE 18-0011	1 1	Title: Revision to procedure ACD2-SP-006, Electronic Equipment & Devices Description of Change: Revised Form AC-002 to correct the justification provided for the decrease of effectiveness evaluation for the procedure revision. Reason for the Change: Correct deficiencies noted within Revision 0 of this change evaluation	1/24/2019	No	ACD2-SP-006 Chg 9	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 18-0014 PCE 18-0012	0 0	Title: Revision to procedure ACD2-PS-002, Records Management Process Description of Change: Revised procedure to remove references to SP-2605-0005, American Centrifuge Program Classified Matter Protection and Control Manual; ACD2-SP-033, Identification and Protection of Safeguards Information (SGI); and remove forms AC-052, AC-053, and AC-054 used for classified records. Reason for the Change: Clarify procedure requirements related to receipt of Non-Possessing Facility Clearance.	4/25/2018	No	ACD2-PS-002 Chg 10	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 18-0014 PCE 18-0012	1 1	Title: Revision to procedure ACD2-PS-002, Records Management Process Description of Change: Revised change evaluation to provide the correct answer to Question 3C of Form AC-001, which drove the inclusion of Form AC-002 to provide a decrease of effectiveness evaluation for the procedure revision. Reason for the Change: Correct deficiencies noted within Revision 0 of this change evaluation.	1/24/2019	No	ACD2-PS-002 Chg 10	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number PCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 18-0015 PCE 18-0013	0 0	Title: Release of the X-112 Data Processing Facility Description of Change: Centrus Energy Corp. is deleasing the X-112 facility, which includes returning the functional and maintenance requirements to the DOE. Reason for the Change: In 2016, DOE discontinued funding of the Lead Cascade and Centrus announced that the Lead Cascade would be shut down and the NRC Materials License (SNM-7003) for the Lead Cascade terminated. Since the NRC Materials License (SNM-2011) for the ACP is not currently being fully implemented, classified and/or contaminated equipment was removed from the facilities in which the Lead Cascade was operating in order to terminate the NRC Materials License (SNM-7003) for the Lead Cascade. Presently, there are no plans for Centrus to continue with the construction of the ACP; therefore, there is no need to maintain the facilities that were intended to support ACP operations.	7/11/2018	No	Delease Documents and CX-390-0017-A Rev 30	No	None of the criteria listed in 10 CFR 70.72(c) are met.