



January 27, 2022
ACO 22-0002

ATTN: Document Control Desk
Mr. John W. Lubinski, 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 Brief Summary of Facility Changes

Dear Mr. Lubinski:

In accordance with 10 *Code of Federal Regulations* (CFR) 70.72(d)(2) and U.S. 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 2021.

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 cancelled evaluations.

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

Sincerely,

Kelly L. Fitch
Regulatory Manager

Enclosure: As Stated

cc:

Y. Faraz, NRC HQ
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Enclosure 1 to ACO 22-0002

**Brief Summary of Facility Changes for the American Centrifuge Lead Cascade Facility
and American Centrifuge Plant for Calendar Year 2021**

**Information Contained Within
Does Not Contain
Export Controlled Information**

Reviewing

Official: #1038, ACO

Date: 1/27/22

**2021 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 20-0046 PCE 20-0063	1 1	Title: Revision to Engineering Service Order (ESO) ESO-3100-0007, Cascade Nitrogen and ECR-3100-0007-02 Description of Change: Revised ESO in accordance with Engineering Change Record (ECR) ECR-3100-0007-02 which provides for the design, procurement, and construction of a nitrogen system to support process needs of the HALEU Demonstration program. The scope of this ESO includes equipment and supporting structures, from the bulk nitrogen storage tank located outside the X-3001 building to the process tie-in point near the cascade. Reason for the Change: Clarify engineering requirements.	4/6/2021	Yes	ESO-3100-0007 ECR-3100-0007-02 Rev. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 20-0050 PCE 20-0067	1 1	Title: Revision to Engineering Service Order ESO-3100-0005, HALEU Cold Box IROFS Panel Description of Change: Revised ESO to add Set Point Calculations SPC-3101-0001 and SPC-3101-0002; and drawings X-3001-9520-ME-Z and X-3001-9526-ME-Z to expand on the original focus of Items Relied On For Safety (IROFS) panel in Revision 0 of the ESO, to include other components of the Tails Cold Box IROFS. Reason for the Change: Clarify engineering requirements.	3/31/2021	Yes	ESO-3100-0005	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 20-0071 PCE 20-0091	1 1	Title: Revision to Engineering Service Order ESO-3100-0022, Criticality Accident Alarm System (CAAS); Certified For Construction (CFC #1), Electrical and Instrumentation & Controls (I&C); and CFC #2, Installation and Final Ties Description of Change: ESO CFC #1 implements the design, procurement, and partial installation of the CAAS. Revision 1 of this Change Evaluation adds scope from CFC #2, to include installation of system components, such as detectors, speakers, Noisy Area Warning Lights (NAWL), CAAS panels, Uninterruptible Power Supply (UPS) battery enclosure, wiring connections to components, and power feed conduit and wiring as detailed in Statement of Work (SOW) SOW-3101-0029 and supporting documents. Reason for the Change: ESO CFC #2 design package includes a comprehensive Design Verification Matrix (DVM) listing design requirements invoked by applicable Codes and Standards, License Application documents, Nuclear Criticality Safety Evaluations (NCSEs), Configuration Management, and other regulatory requirements, along with detailed descriptions and ties to implementing documents.	1/21/2021	Yes	ESO-3100-0022, CFC #1 and CFC #2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0001 PCE 21-0001	0 0	Title: Revision to Procedure ACD2-QM-001, Management Assessment Program Description of Change: Revised procedure during the periodic review to update titles and make changes to support required assessments for the HALEU Demonstration program. Reason for the Change: Clarify procedure requirements.	1/7/2021	No	ACD2-QM-001 Chg. 33	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0002 PCE 21-0002	0 0	Title: Revision to Procedure ACD2-MA-002, Work Control Process Description of Change: Revised procedure to add steps to address work on exposed energized electrical circuits. Reason for the Change: Clarify procedure requirements.	1/14/2021	No	ACD2-MA-002 Chg. 23	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 21-0004 PCE 21-0004	0	Title: Revision to Procedure AC4-AO-008, (U) AC100M/1007800 Centrifuge Assembly Procedure Description of Change: Revised procedure to remove and add sections applicable to the current centrifuge design. Reason for the Change: Clarify procedure requirements.	1/11/2021	No	AC4-AO-008 Chg. 4	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0004 PCE 21-0004	1	Title: Revision to Procedure AC4-AO-008, (U) AC100M/1007800 Centrifuge Assembly Procedure Description of Change: Revised form AC-001, Change Evaluation, to change the answer to Question 2B to "NO" and subsequently removed the answers that are no longer required to be answered for Questions 2B i-v. No change to the previous procedure change 4 that was reviewed/approved by Revision 0 of this change evaluation. Reason for the Change: To correct the Change Evaluation.	2/25/2021	No	AC4-AO-008 Chg. 4	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0006 N/A	0	Title: Revision to Procedure AC4-AO-008, (U) AC-100M/1007800 Centrifuge Assembly Description of Change: Revised procedure to reword steps and revise leak checking section for clarification. Reason for the Change: Clarify procedure requirements.	1/19/2021	No	AC4-AO-008 Chg. 6	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0007 PCE 21-0006	0	Title: New Procedure ACD2-HP-013, Radiation Protection Program Self-Assessments Description of Change: New procedure has been developed to provide direction for scheduling, planning, and conducting Radiological Protection self-assessments at the ACP. Reason for the Change: Provide implementation requirements.	3/2/2021	No	ACD2-HP-013 Chg. 0	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 21-0008 PCE 21-0007	0 0	Title: Revision to Procedure ACD3-EG-406, IROFS Boundary Documentation Description of Change: Revised procedure to align with the recent changes to the license application and supporting documents for the ACP to support the HALEU Demonstration program. Reason for the Change: Clarify procedure requirements.	3/15/2021	No	ACD3-EG-406 Chg. 7	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0009 PCE 21-0009	0 0	Title: Revision to Procedure ACD2-EG-007, ISA Methodology and Change Process Description of Change: Revised procedure to align with the recent changes to the license application and supporting documents for the ACP to support the HALEU Demonstration program. Reason for the Change: Clarify procedure requirements.	1/28/2021	No	ACD2-EG-007 Chg. 5	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0011 N/A	0	Title: Revision to Procedure AC4-AO-008 (U), AC100M/1007800 Centrifuge Assembly Procedure Description of Change: Revised procedure to add clarifications and move/reword steps. Reason for the Change: Clarify procedure requirements.	1/26/2021	No	AC4-AO-008 Chg. 7	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0012 PCE 21-0011	0 0	Title: Revision to Engineering Service Order ESO-3100-0019, Portable Pump Down Cart Certified For Construction Description of Change: This ESO includes portable carts used for handling UF6 in the HALEU cascade, including pump down cart, calibration cart, and gulper. The scope of this ESO is focused on the design package for the portable pump down cart being prepared for release as CFC. Reason for the Change: Successful operation of the HALEU Demonstration cascade will require the use of a pump down cart, calibration cart, and gulper to support various plant functions.	1/28/2021	Yes	ESO-3100-0019	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 21-0013 PCE 21-0012	0 0	Title: Revision to Procedure ACD4-OP-181, CTTF Drying Station Operation Description of Change: Revised procedure due to material changes to valves, to clarify procedure requirements due to lessons learned and update the procedure based on multiple ECRs. Reason for the Change: Clarify procedure requirements.	1/28/2021	No	ACD4-OP-181 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0015 PCE 21-0014	0 0	Title: New Procedures ACD4-ON-008, Loss of Instrument Air (YA); ACD4-OP-055, Centrifuge Disconnect; ACD4-OP-025, Centrifuge Connections; and ACD4-OP-102, Evacuation Vacuum Operating Procedure Description of Change: Previously approved Lead Cascade procedures AC4-ON-008, AC4-OP-055, AC4-OP-025, and AC4-OP-102 are being revised for applicability and use under the HALEU Demonstration program, and converted to new dual use ACD designated procedures. Reason for the Change: Conversion of Operations procedures to the dual use category constitutes a new procedure change under the requirements of ACD2-TP-001, Procedure Process, and allows use under the HALEU Demonstration program.	2/23/2021	No	ACD4-ON-008 Chg. 0 ACD4-OP-055 Chg. 0 ACD4-OP-025 Chg. 0 ACD4-OP-102 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0016 PCE 21-0015	0 0	Title: Revision to Procedure ACD4-OP-181, CTTF Drying Station Operation Description of Change: Revised procedure to address ECR changes and incorporate operational knowledge gained during startup, testing and operation of the Drying Station. Reason for the Change: Clarify procedure requirements.	2/9/2021	No	ACD4-OP-181 Chg. 2	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 21-0017 PCE 21-0016	0 0	Title: Revision to Procedure AC4-AO-009, (U) AC100M/1007800 Centrifuge Disassembly Procedure Description of Change: Revised procedure to update references to the diffusion pump; add sections for heat shield and molecular pump removal; revise the Helium Leak Detector (HLD) section; and provided clarification/editorial corrections throughout. Reason for the Change: Clarify procedure requirements.	2/24/2021	No	AC4-AO-009 Chg. 4	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0018 PCE 21-0017	0 0	Title: Revision to Procedure ACD2-QM-002, Quality Assurance Independent Audit and Assessment Program Description of Change: Revised procedure to perform periodic review, update titles, adjust the number of required assessments for HALEU Demonstration, and perform other minor updates. Reason for the Change: Clarify procedure requirements.	2/23/2021	No	ACD2-QM-002 Chg. 17	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0019 PCE 21-0018	0 0	Title: Revision to Procedure ACD4-OP-181, CTTF Drying Station Operation Description of Change: Revised procedure to simplify the operation of the drying station and allow Operations personnel to utilize the Maintenance mode on the existing Programmable Logic Controller (PLC) to enhance pumpdown capabilities. Reason for the Change: Clarify procedure requirements.	2/19/2021	No	ACD4-OP-181 Chg. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0021 N/A	0	Title: Revision to Procedure AC4-AO-008, (U) AC100M/1007800 Centrifuge Assembly Procedure Description of Change: Revised procedure to provide clarifications for HLD venting and disconnecting; rearrange/add steps for ease of use; and remove redundant recordings in the build book. Reason for the Change: Clarify procedure requirements.	2/18/2021	No	AC4-AO-008 Chg. 11	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 21-0022 PCE 21-0020	0 0	Title: Revision to Procedure ACD2-SH-028, Welding, Burning, and Hot Work Practices Description of Change: Revised procedure to update Fire Watch posting times and perform organizational title changes. Reason for the Change: Clarify procedure requirements.	3/3/2021	No	ACD2-SH-028 Chg. 13	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0023 PCE 21-0023	0 0	Title: New Job Field Instruction (JFI) JFI-2303-0036, Removal of Weld Protrusions from Casing Interior Description of Change: This JFI implements rework to remove several weld protrusions from the inside surface of a casing. Reason for the Change: This JFI was developed to correct an issue noted in Condition Notification #9712 which documented a casing found to have visible weld protrusions extending from the inside surface of the casing.	3/3/2021	No	JFI-2303-0036 Rev.0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0024 PCE 21-0024	0 0	Title: Revision to Procedures ACD2-RG-001, Change Evaluation; ACD2-RG-002, Application Change Control and License Amendment Request; and ACD2-RG-003, Regulatory Communications Description of Change: Revised procedures to update references, incorporate changes to various licensing documents, update forms and perform needed editorial changes. Reason for the Change: Clarify procedure requirements.	5/20/2021	No	ACD2-RG-001 Chg. 20 ACD2-RG-002 Chg. 11 ACD2-RG-003 Chg. 20	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0025 PCE 21-0025	0 0	Title: Revision to Procedures ACD2-SP-017, Badge Issue/Visitor Control Program; ACD2-SP-034, Portal Operations; ACD2-SP-044, Limiting Access to Classified Information and Escorting; ACD2-SP-046, Security Access Control and Alarm System; ACD3-SP-035, Security Inspections; and ACD3-SP-036, Post Orders Description of Change: Revised procedures to address corrective actions as a part of Condition Notification #9691 and to clarify escorting responsibilities. Reason for the Change: Clarify procedure requirements.	3/8/2021	No	ACD2-SP-017 Chg. 23 ACD2-SP-034 Chg. 12 ACD2-SP-044 Chg. 2 ACD2-SP-046 Chg. 2 ACD3-SP-035 Chg. 15 ACD3-SP-036 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 21-0026 PCE 21-0027	0 0	Title: Organizational Structure Changes Description of Change: Changes were made to the American Centrifuge Operating (ACO), LLC organization structure contained within the Lead Cascade and ACP license applications and supporting documents. Reason for the Change: These management organization and title changes were made to support corporate initiatives. As activities and operations increase in support of the HALEU program and as Centrus continues to grow and plan for the future, management desires to align the organization structure with this future vision.	5/19/2021	No	LA-2605-0001 TOC, Sections 2.1, 2.1.1, 2.1.2, 2.1.2.1, 2.1.2.1.1, 2.1.2.2, 2.1.2.3, 2.1.2.3.4, 2.1.2.3.5, 2.1.2.3.5.1, 2.1.2.4, 2.1.2.4.2, 2.1.2.4.3, 2.1.3, 2.1.3.1, 2.1.4, 2.1.5, 2.1.6.1, 2.2.1, 4.2, 4.2.1, 4.3, 5.2.1 and Figure 2.1-1 NR-2605-0003 Section 3.1 LA-3605-0001 TOC, Sections 2.1, 2.1.1, 2.1.2, 2.1.2.1, 2.1.2.1.1, 2.1.2.2, 2.1.2.3, 2.1.2.3.3, 2.1.2.3.4, 2.1.2.3.5, 2.1.2.3.5.1, 2.1.2.3.4, 2.1.2.4, 2.1.2.4.2, 2.1.2.4.3, 2.1.3, 2.1.3.1, 2.1.4, 2.1.5, 2.1.6.1, 2.2.1, 4.2, 4.2.1, 4.3, 4.7.3, 5.2.1 and Figure 2.1-1 NR-3605-0005 Sections 3.1, 3.2.1, and Figure 3-1 NR-3605-0005A Sections 11.3, 11.3.2, 11.3.3; and 11.3.6 NR-3605-0005B Section 3.1 and Figure 3-1 NR-3605-0005C Sections 11.3.1, 11.3.2; and 11.3.3 NR-3605-0003 Section 3.1 SP-3605-0041 Sections 1.2.7 and 1.3 NR-3605-0008 Section 4.1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0027 PCE 21-0028	0 0	Title: Revision to Procedure ACD4-OP-181, CTTF Drying Station Operation Procedure Description of Change: Revised procedure to allow for additional manipulation of valves in drying mode and direct specific checks for Operations personnel throughout the extended drying process. Reason for the Change: Clarify procedure requirements.	3/16/2021	No	ACD4-OP-181 Chg. 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 21-0028 PCE 21-0029	0 0	Title: New Procedures ACD4-OP-101, Purge Vacuum Operating Procedure, and ACD4-OP-167, Operation of the Cascade 131 DCS Description of Change: Previously approved procedures AC4-OP-101 and AC4-OP-167 have been reformatted, updated, and are being transitioned to new ACD4 level procedures. Reason for the Change: Conversion of Operations procedures to the dual use category constitutes a new procedure change under the requirements of ACD2-TP-001, Procedure Process, and allows use under the HALEU Demonstration program.	3/25/2021	No	ACD4-OP-101 Chg. 0 ACD4-OP-167 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0029 PCE 21-0031	0 0	Title: Revision to Procedures ACD2-PS-001, Document Control Process, and ACD2-PS-002, Records Management Process Description of Change: Revised procedures to address eSignature Policy Changes and align the procedures with changes to the Quality Assurance Program Description. Reason for the Change: Clarify procedure requirements.	3/23/2021	No	ACD2-PS-001 Chg. 17 ACD2-PS-002 Chg. 16	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0030 PCE 21-0035	0 0	Title: Revision to Procedure ACD2-RG-044, Regulatory and Security Event Notification and Reporting Description of Change: Revised procedure to add source references, update Appendix B reporting criteria, updates to the Plant Shift Superintendent (PSS) when reviewing Oak Ridge security issues flowdown, and formatting changes throughout the document. Reason for the Change: Clarify procedure requirements.	5/11/2021	No	ACD2-RG-044 Chg. 17	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0031 PCE 21-0037	0 0	Title: Revision to Procedure ACD4-OP-181, CTTF Drying Station Operation Procedure Description of Change: Revised procedure to clarify routine operations during Centrifuge drying and to perform minor formatting corrections. Reason for the Change: Clarify procedure requirements.	4/12/2021	No	ACD4-OP-181 Chg. 6	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 21-0035 PCE 21-0044	0 0	Title: Revision to Procedure ACD2-RG-004, Corrective Action Process Description of Change: Revised procedure to update references, provide clarifications, add corrections, and formatting throughout the document. Reason for the Change: Clarify procedure requirements.	5/6/2021	No	ACD2-RG-004 Chg. 15	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0036 PCE 21-0045	0 0	Title: New Procedures ACD4-OP-003, Machine Cooling Water Normal Operations; ACD4-OP-079, MDU Operations; ACD4-OP-006, Vacuum Cooling Water; ACD4-OP-073, Nitrogen System Operations; ACD4-ON-015, Complete Loss of PV; and ACP4-OP-178, Cascade 131 Charging with UF6 Description of Change: Previously approved Lead Cascade procedures AC4-OP-003, AC4-OP-079, and AC4-ON-015, were converted new dual use. New procedure ACD4-OP-006 provides guidance on operation of the Vacuum Cooling Water (VCW) system. New procedure ACD4-OP-073 provides guidance on the nitrogen system operations. New procedure ACP4-OP-178 provides guidance on charging cascade 131 with UF6. Reason for the Change: Conversion of Operations procedures to the dual use category constitutes a new procedure change under the requirements of ACD2-TP-001, Procedure Process, and allows use under the HALEU Demonstration program.	5/4/2021	No	ACD4-OP-003 Chg. 0 ACD4-OP-079 Chg. 0 ACD4-ON-015 Chg. 0 ACD4-OP-006 Chg. 0 ACD4-OP-073 Chg. 0 ACD4-OP-178, Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0037 PCE 21-0046	0 0	Title: New Procedure ACP2-OP-037, Requirements For Use of Service Carts Description of Change: New procedure was developed to provide the Nuclear Criticality Safety (NCS) requirements for Service Carts which includes Calibration Carts, Pumpdown Carts, and HLD Carts. Reason for the Change: Provide implementation requirements.	6/3/2021	No	ACP2-OP-037 Chg. 0	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 21-0038 PCE 21-0047	0 0	Title: Revision to Procedure ACD4-OP-112, X-3012 ASG Description of Change: Revised procedure to correct valve alignments in section 7.9, frequency setpoint in step 7.3.4, add a caution box prior to opening PSB-ASG-VV2RE1, and other editorial corrections. Reason for the Change: Clarify procedure requirements.	5/24/2021	No	ACD4-OP-112 Chg. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0039 PCE 21-0048	0 0	Title: New Procedure ACD2-SP-047, Classified Matter Sanitization Description of Change: New procedure provides instructions for the sanitization of various types of classified matter to ensure the adequate disposal and prevention of unauthorized access to classified matter. Reason for the Change: Provide implementation requirements.	5/11/2021	No	ACD2-SP-047 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0040 PCE 21-0051	0 0	Title: New Procedure ACP2-CM-001, Chemical Trap Media Change Description of Change: Previously approved Lead Cascade procedure AC4-CM-001 was converted to procedure ACP2-CM-001, Chemical Trap Change for use under the ACP license. Reason for the Change: Conversion of procedures to the dual use category constitutes a new procedure change under the requirements of ACD2-TP-001, Procedure Process, and allows use under the HALEU Demonstration program.	5/20/2021	No	ACP2-CM-001 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0041 PCE 21-0053	0 0	Title: Revision to Engineering Service Order ESO-3100-0005/ECR-3100-0005-60, change to the installation of a Residual Gas Analyzer (RGA) Description of Change: ESO-3100-0005/ECR-3100-0005-60 proposed a change for installation of a Residual Gas Analyzer (RGA). Reason for the Change: RGA is required to analyze gas samples.	5/20/2021	Yes	ESO-3100-0005 ECR-3100-0005-60 Rev. 0	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 21-0042 PCE 21-0055	0 0	Title: New Procedure ACP2-CM-002, Removal, Handling, and Storage of Uranium Contaminated Process Equipment Description of Change: New procedure provides guidance on the removal, handling, and storage of used contaminated process equipment under the ACP license. Reason for the Change: Provide implementation requirements.	6/22/2021	No	ACP2-CM-002 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0044 PCE 21-0058	0 0	Title: New Procedures ACD4-AR-103, Evacuation Vacuum System Alarms and Responses; ACD4-AR-104, Purge Vacuum System Alarms and Responses; ACD4-ON-004, Loss of Machine Cooling Water; ACD3-FO-002, Out of Service/Inoperable IROFS System, Structure, and Component Tracking; and New Procedure ACD4-ON-218, Loss of Vacuum Cooling Water Description of Change: Previously approved Lead Cascade procedures AC4-AR-103, AC4-AR-104, AC4-ON-004 and AC3-FO-002 have been transitioned to dual use under the ACP plant license. New procedure ACD4-ON-218 was developed to provide off normal responses to a loss of Vacuum Cooling Water. Reason for the Change: Conversion of Operations procedures to the dual use category constitutes a new procedure change under the requirements of ACD2-TP-001, Procedure Process, and allows use under the HALEU Demonstration program. New procedure ACD4-ON-218 provides implementation requirements.	6/3/2021	No	ACD4-AR-103 Chg. 0 ACD4-AR-104 Chg. 0 ACD4-ON-004 Chg. 0 ACD3-FO-002 Chg. 0 ACD4-ON-218 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0046 PCE 21-0060	0 0	Title: Revision to Procedure ACD2-RG-044, Regulatory and Security Event Notification and Reporting Description of Change: Revised procedure to add a commitment reference and update appendix B reporting criteria. Reason for the Change: Clarify procedure requirements.	6/14/2021	No	ACD2-RG-044 Chg. 18	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 21-0047 PCE 21-0061	0 0	Title: Revision to Procedure ACD3-EG-203, Engineering Drawing Controls Description of Change: Revised procedure to update references and instructions and make various grammar and punctuation corrections throughout the procedure. Reason for the Change: Clarify procedure requirements.	5/25/2021	No	ACD3-EG-203 Chg. 9	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0048 PCE 21-0062	0 0	Title: New Procedures ACD4-ON-001, Post Wreck Centrifuge Operations, and ACD3-OP-003, Post Wreck Operations Description of Change: Previously approved Lead Cascade procedures AC4-ON-001 and AC3-OP-003 have been revised to support the HALEU Demonstration program and converted to new dual use procedures. Reason for the Change: Conversion of Operations procedures to the dual use category constitutes a new procedure change under the requirements of ACD2-TP-001, Procedure Process, and allows use under the HALEU Demonstration program.	6/10/2021	No	ACD4-ON-001 Chg. 0 ACD3-OP-003 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0049 PCE 21-0063	0 0	Title: Revision to Procedure ACD2-TP-001, Procedure Process Description of Change: Revised procedure to eliminate the use of the specific designator "ACP" for Commercial Plant forms and utilize the designator "AC" for all form numbers. Reason for the Change: Clarify procedure requirements.	6/10/2021	No	ACD2-TP-001 Chg. 22	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0050 PCE 21-0064	0 0	Title: New Procedures ACD4-SP-009, Special Nuclear Material Post Orders, and ACD2-SP-037, Operations & Maintenance Activities Regarding Protection of Special Nuclear Material Description of Change: New procedures have been developed to identify specific requirements and duties by Protective Personnel, Central Alarm Station, Operations personnel, and Maintenance personnel. Reason for the Change: Provide implementation requirements.	6/16/2021	No	ACD4-SP-009 Chg. 0 ACD2-SP-037 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 21-0052 PCE 21-0077	0 0	Title: Revision to Procedure ACD2-MA-002, Work Control Process Description of Change: Revised procedure to provide additional information for identifying, scheduling, planning, and implementing maintenance and modification activities performed at the ACP and for HALEU Demonstration program. Reason for the Change: Clarify procedure requirements.	6/28/2021	No	ACD2-MA-002 Chg. 25	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0053 PCE 21-0078	0 0	Title: Revision to Procedure ACD2-MA-001, Control of Measuring and Test Equipment Description of Change: Revised procedure to provide updates for procedure use with the HALEU Demonstration program. Reason for the Change: Clarify procedure requirements.	7/1/2021	No	ACD2-MA-001 Chg. 12	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0054 PCE 21-0079	0 0	Title: Revision to Procedure ACD2-PM-001, Preventive Maintenance Program Description of Change: Revised procedure to provide updates for procedure use with the HALEU Demonstration program. Reason for the Change: Clarify procedure requirements.	7/21/2021	No	ACD2-PM-001 Chg. 12	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0055 PCE 21-0080	0 0	Title: Revision to Procedure ACD4-PM-001, Crane and Hoist Preventative Maintenance Description of Change: Revised procedure to provide updates for procedure use with the HALEU Demonstration program. Reason for the Change: Clarify procedure requirements.	7/19/2021	No	ACD4-PM-001 Chg. 7	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 21-0056 PCE 21-0193	0 0	Title: Revision to Procedure ACP4-OP-178, Cascade 131 Charging with UF6 Description of Change: Revised procedure to clarify additional NCS requirements and ensure the procedure aligns with operation of the DCS. Reason for the Change: Clarify procedure requirements.	6/28/2021	No	ACP4-OP-178 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0057 PCE 21-0081	0 0	Title: New Procedures ACD4-OP-024, Centrifuge Pumpdown, and ACP2-OP-217, Operation of the CAAS Description of Change: Previously approved Lead Cascade procedure AC4-OP-024 was converted to a new dual use and revised for specific HALEU Demonstration program use. New procedure ACP2-OP-217 provides guidance for CAAS operations. Reason for the Change: Conversion of Operations procedures to the dual use category constitutes a new procedure change under the requirements of ACD2-TP-001, Procedure Process, and allows use under the HALEU Demonstration program. ACP2-OP-217 was developed to provide implementation requirements.	7/1/2021	No	ACD4-OP-024 Chg. 0 ACP2-OP-217 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0058 PCE 21-0084	0 0	Title: New Procedure ACP2-CM-004, Field Decontamination Description of Change: New procedure provides guidance and direction for performing field decontamination activities performed at the ACP and for HALEU Demonstration program. Reason for the Change: Provide Implementation requirements.	7/28/2021	No	ACP2-CM-004 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0059 PCE 21-0085	0 0	Title: Revision to Procedure ACD2-RG-004, Corrective Action Process Description of Change: Revised procedure to add guidance on tracking Initiating Events; update verbage for NCS and Security related issues; and add additional Use and Source References. Reason for the Change: Clarify procedure requirements.	7/20/2021	No	ACD2-RG-004 Chg. 17	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 21-0060 PCE 21-0089	0 0	Title: Revision to Procedure ACD2-MA-003, Calibration Program Description of Change: Revised procedure to provide specific implementation guidance and requirements for controlling the Calibration Program at the ACP and for HALEU Demonstration program. Reason for the Change: Clarify procedure requirements.	7/22/2021	No	ACD2-MA-003 Chg. 9	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0061 PCE 21-0090	0 0	Title: New Procedures ACD4-ON-073, Loss of Nitrogen, and ACP4-OP-173, Cascade 131 Operations Description of Change: Previously approved Lead Cascade procedure AC4-OP-173 was converted to a new ACP use and revised for specific HALEU Demonstration program use. New procedure ACD4-ON-073 provides guidance for Off-Normal events for Loss of the Nitrogen System. Reason for the Change: Conversion of Operations procedures to the ACP use category constitutes a new procedure change under the requirements of ACD2-TP-001, Procedure Process, and allows use under the HALEU Demonstration program. ACD4-ON-073 was developed to provide implementation requirements.	7/21/2021	No	ACD4-ON-073 Chg. 0 ACP4-OP-173 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0062 PCE 21-0091	0 0	Title: Revision to Procedure ACD3-EG-103, Engineering Software Controls Description of Change: Revised procedure to remove references to the Lead Cascade, update/align with Material License Condition 19 requirements approved under Engineering Evaluation EE-3901-0077 Revision 2, and add clarification/guidance for DCS software changes. Reason for the Change: Clarify procedure requirements.	7/21/2021	No	ACD3-EG-103 Chg. 6	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 21-0063 PCE 21-0093	0 0	Title: Revision to Procedure ACD2-FO-003, Vehicle Control Within ACP Facilities Description of Change: Revised procedure to include new Integrated Safety Analysis (ISA) language on the use of fossil-fueled vehicles in the X-3001 Process Building and other ACP facilities. Reason for the Change: Provide implementation requirements.	7/15/2021	No	ACD2-FO-003 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0064 PCE 21-0095	0 0	Title: Revision to Procedure ACD2-MM-001, Control of Material Description of Change: Revised procedure to remove references to the Lead Cascade, Radioactive Material Receipt, and handling and delivery of demobilization inventory. Reason for the Change: Clarify procedure requirements.	9/3/2021	No	ACD2-MM-001 Chg. 17	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0065 PCE 21-0098	0 0	Title: New Procedures ACP4-ON-006, MDU Replacement at an Operating Position; ACP4-OP-049, Centrifuge Acceleration and Deceleration; ACP4-OP-051, Inventory Removal; and ACD4-OP-060, Helium Leak Detector Description of Change: New procedure ACP4-ON-006 provides guidance for MDU Replacement at an Operating Position. New procedure ACP4-OP-049 provides guidance for Centrifuge Acceleration and Deceleration. New procedure ACP4-OP-051 provides guidance for Removing Centrifuge Inventory. New procedure ACD4-OP-060 provides guidance for operating the Varian Model 959 Helium Leak Detector. Reason for the Change: Provide implementation requirements.	8/3/2021	No	ACP4-ON-006 Chg. 0 ACP4-OP-049 Chg. 0 ACP4-OP-051 Chg. 0 ACD4-OP-060 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 21-0066 PCE 21-0103	0 0	Title: X-5000 Transfer Trip Tone Equipment Conversion to Fiber Optic I/O Modules and Cables Description of Change: The change being performed is to disconnect the existing transfer trip Tone Equipment and signal cabling between the X-5001 Substation and X530A Switchyard and install new Fiber Optic Input/Output Modules and new fiber optic cabling using Job Field Instructions (JFI) for Lines 501 (JFI-DE-2021-0003), 502 (JFI-DE-2021-0001), and 503 (JFI-DE-2021-0002). Reason for the Change: The X-5000, Transfer Trip equipment functions as a means of electrical signal communication between the X-5001 Substation and X-530A switchyard. The original routing of the transfer trip signal cable is via an instrument duct-bank that runs through the DOE/Fluor-BWXT Portsmouth (FBP) "5-Unit" Plume. FBP site decommissioning activities will excavate the instrument duct-bank and thus the existing connections will be removed requiring a change to the routing and equipment. The original routing of the transfer trip signal cable is via an instrument duct-bank that runs through the DOE/FBP "5-Unit" Plume. FBP site decommissioning activities will excavate the instrument duct-bank and thus the existing connections will be removed requiring a change to the routing and equipment. Therefore, the original tone function cabling and components are being replaced with up-to-date current technology Fiber-Optic Transfer Tone Trip equipment.	12/16/2021	No	JFI-DE-2021-0001 Rev. 0 JFI-DE-2021-0002 Rev. 0 JFI-DE-2021-0003 (FBP) Rev. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0067 PCE 21-0104	0 0	Title: Revision to Procedure ACD4-OP-006, Vacuum Cooling Water Normal Operations Description of Change: Revised procedure to reflect operations based on current plans, update pump flow rates, and add a step to check for leaks. Reason for the Change: Clarify procedure requirements.	8/4/2021	No	ACD4-OP-006 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 21-0068 PCE 21-0105	0 0	Title: New Procedures ACP2-ON-217, CAAS Off-Normal Operations; ACP2-AR-217, CAAS Alarm Response; ACP4-ON-102, Loss of Evacuation Vacuum; ACD2-OP-057, Machine Position Requalification; and ACD2-OP-033, Operation of the Portable Mini-Gulper Description of Change: New procedures ACP2-ON-217 provides off-normal instructions for the CAAS. New procedure ACP2-AR-217 provides CAAS system alarm responses. New procedure ACP4-ON-102 provides off normal responses to a loss of the Evacuation Vacuum system. Previously approved Lead Cascade procedure AC2-OP-057 was converted and updated to new dual use ACD2-OP-057 for Machine Position Requalification and AC2-OP-033 was converted and updated to new dual use ACD2-OP-033 for Operation of the Portable Mini-Gulper. Reason for the Change: Clarify procedure requirements.	8/11/2021	No	ACP2-ON-217 Chg. 0 ACP2-AR-217 Chg. 0 ACP4-ON-102 Chg. 0 ACD2-OP-057 Chg. 0 ACD2-OP-033 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0069 PCE 21-0106	0 0	Title: Revision to Procedure ACD4-OP-110, X-3001 Trains 2, 3, 4, & X-3012 Auxiliary Power Substations Description of Change: Revised procedure to provide editorial updates; revise steps in the procedure and the Divided Fuse Location Appendix as an error reduction effort; and add notes allowing SYNC MODE operations to be marked as N/A. Reason for the Change: Clarify procedure requirements.	8/9/2021	No	ACD4-OP-110 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0070 PCE 21-0107	0 0	Title: New Procedure ACP3-ST-001, HALEU Nitrogen System IROFS Surveillance Testing and Calibration Description of Change: New procedure provides guidance and direction for performing testing and calibration of the HALEU Nitrogen System IROFS activities performed at the ACP and for HALEU Demonstration program. Reason for the Change: Provide implementation requirements.	9/9/2021	No	ACP3-ST-001 Chg. 0	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 21-0071 PCE 21-0108	0 0	Title: New Procedures ACP4-OP-074, Cold Box Withdrawal Mode Operations, and ACD4-OP-026, Centrifuge Connections Leak Checking Description of Change: New procedure ACP4-OP-074 provides direction for Product and Tails Cold Box withdrawal mode changes. New procedure ACD4-OP-026 describes the actions required to perform leak checks of the process and purge connections of a centrifuge prior to operation. Reason for the Change: Provide implementation requirements.	8/17/2021	No	ACP4-OP-074 Chg. 0 ACD4-OP-026 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0072 PCE 21-0109	0 0	Title: Revision to Procedure ACD4-OP-003, MCW Normal Operations Description of Change: Revised procedure to update and provide clarification to a number of steps, add instructions to vent the supply pumps, and update Appendix A to reflect current plans. Reason for the Change: Clarify procedure requirements.	8/16/2021	No	ACD4-OP-003 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0073 PCE 21-0111	0 0	Title: Revision to Procedure ACD2-RG-044, Regulatory and Security Event Notification and Reporting Description of Change: Revised procedure to perform periodic review, update formatted, change retention of lifetime records, and update Appendix C to match updated 361A form. Reason for the Change: Clarify procedure requirements.	8/18/2021	No	ACD2-RG-044 Chg. 20	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 21-0074 PCE 21-0112	0 0	Title: Revision to Procedures ACD2-RG-001, Change Evaluation; ACD2-RG-002, Application Change Control and License Amendment Requests; and ACD2-RG-003, Regulatory Communications Description of Change: Revised procedure ACD2-RG-001 and ACD2-RG-002 to update position title; references' and provide minor editorial and grammatical changes throughout. Revised ACD2-RG-003 to update position titles in the procedure and associated form AC-005; correct names of Addressee/Distrigution for various reports in Appendix B; add HALEU specific procedures for NMC&A reports; and provide minor editorial and grammatical changes throughout. Reason for the Change: Clarify procedure requirements.	8/18/2021	No	ACD2-RG-001 Chg. 21 ACD2-RG-002 Chg. 12 ACD2-RG-003 Chg. 21	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0075 PCE 21-0113	0 0	Title: Revision to Procedure ACD2-RG-044, Regulatory and Security Event Notification and Reporting Description of Change: Revised procedure to add SP-3605-0043, Classified Distributed Control System (DCS) Information System Security Plan (ISSP) to the Reference Source and Commitment Sections and update Appendix B. Reason for the Change: Clarify procedure requirements.	8/19/2021	No	ACD2-RG-044 Chg. 21	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0076 PCE 21-0115	0 0	Title: Revision to Procedure ACD4-OP-003, MCW Normal Operations Description of Change: Revised procedure to update Appendix A, clarify instructions on filling the Machine Cooling Water (MCW) tank, and add steps to provide user checks when placing the system in automatic. Reason for the Change: Clarify procedure requirements.	8/17/2021	No	ACD4-OP-003 Chg. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 21-0077 PCE 21-0116	0 0	Title: New Procedures ACD4-ON-110, Loss of DCS and, ACD4-AR-111, DCS System Alarms and Responses Description of Change: Previously approved Lead Cascade procedure AC4-ON-110 was revised for applicability and use under the HALEU Demonstration program to facilitate implementing into use for Cascade 131. ACD4-AR-111 is a new procedure to provide direction for DCS Alarms. Reason for the Change: Conversion of Operations procedure to the dual use category constitutes a new procedure change under the requirements of ACD2-TP-001, Procedure Process, and allows use under the HALEU Demonstration program. New procedure ACD4-AR-111 provides implementation requirements.	8/24/2021	No	ACD4-ON-110 Chg. 0 ACD4-AR-111 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0078 PCE 21-0117	0 0	Title: Revision to Procedures ACP4-OP-028, Transport and Storage of UF6 Cylinders within the Process Building; ACP4-OP-029, Inspection and Operation of UF6 Cylinder Handling Hoists and Lifting Fixtures; and ACP4-OP-034, Inspection and Rejection of Small and Large UF6 Cylinders Description of Change: Revised procedure ACP4-OP-028 to change the procedure title; add storage to the Scope and Applicability section; add steps to flow down NCSE information; and provide editorial and formatting corrections. Revised procedure ACP4-OP-029 to remove exceptions in section 2 for use of fissile material; provide clarifications to steps; add flow down from IROFS; and make editorial corrections and clarifications throughout procedure. Revised procedure ACD4-OP-034 to remove exception in step 2.2.3 that prohibited fissile material; add steps; and update formatting throughout. Reason for the Change: Clarify procedure requirements.	8/18/2021	No	ACP4-OP-028 Chg. 1 ACP4-OP-029 Chg. 1 ACP4-OP-034 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 21-0079 PCE 21-0120	0 0	Title: New Procedures ACP2-OP-034, Generation, Handling, Transportation and Storage for Fissile Containers; ACP3-ON-016, Response to Off-Normal Cold Box Operation; and ACP4-OP-066, Mass Spectrometer Operation Description of Change: New procedure ACP2-OP-034 provides direction for the Generation, Handling, Transportation, and Storage for Fissile Containers; ACP3-ON-016 provides direction to respond to off-normal events with cold box operation; and ACP4-OP-066 (Formerly AC4-OP-066) provides direction on operation of the mass spectrometer Reason for the Change: Conversion of Operations procedure to the dual use category constitutes a new procedure change under the requirements of ACD2-TP-001, Procedure Process, and allows use under the HALEU Demonstration program. New procedures ACP2-OP-034 and ACP3-ON-016 provide implementation requirements.	8/24/2021	No	ACP2-OP-034 Chg. 0 ACP3-ON-016 Chg. 0 ACP4-OP-066 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0080 PCE 21-0122	0 0	Title: Revision to Procedure ACP4-OP-178, Cascade 131 Charging with UF6 Description of Change: Revised procedure to add a step to ensure NMC&A concurrence is obtained prior to feed cylinder connection and provide minor grammar and formatting changes. Reason for the Change: Clarify procedure requirements.	8/23/2021	No	ACP4-OP-178 Chg. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0081 PCE 21-0123	0 0	Title: Revision to Procedure ACD4-OP-181, CTTF Drying Station Operation Description of Change: Revised procedure to the daily capturing of temperatures and pressures; allow for not taking temperatures if completion criteria has been met; update Reference Use section; revise Appendix D; add NCS flowdowns; and add add references. Reason for the Change: Clarify procedure requirements.	8/23/2021	No	ACD4-OP-181 Chg. 7	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 21-0082 PCE 21-0124	0 0	Title: New Procedures ACP4-AR-074, Cold Box IROFS Alarm Response; ACP4-OP-031, Tails Cold Box Operation; and ACP4-OP-032, Product Cold Box Operation Description of Change: New procedure ACP4-AR-074 provides instructions for Cold Box IROFS alarms. New procedure ACP4-OP-031 provides direction on inspection, loading, connecting, and disconnecting UF6 cylinders; and operation of the Tails Cold Boxes. ACP4-OP-032 provides direction on inspection, loading, connecting, and disconnection UF6 cylinders; and operation of the product cold boxes. Reason for the Change: Provide implementation requirements.	8/26/2021	No	ACP4-AR-074 Chg. 0 ACP4-OP-031 Chg. 0 ACP4-OP-032 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0083 PCE 21-0125	0 0	Title: New Procedure ACP4-OP-078, PCC Operations Description of Change: New procedure provides the steps necessary for installing/removing a Power and Control Cabinet (PCC) at a centrifuge position. Reason for the Change: Provide implementation requirements.	8/26/2021	No	ACP4-OP-078 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0084 PCE 21-0128	0 0	Title: New Procedure ACP3-ST-003, Vent Monitor Plant Air Fail-Safe Isolation Valve Surveillance Testing Description of Change: New procedure provides instructions for performing testing and calibration of the HALEU Vent Monitor Plant Air Fail-Safe Isolation Valve IROFS. Reason for the Change: Provide implementation requirements.	9/9/2021	No	ACP3-ST-003 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 21-0086 PCE 21-0134	0 0	Title: New Procedure ACP3-ST-002, HALEU Tails Cold Box IROFS Surveillance Test and Calibration Description of Change: New procedure provides guidance and direction for performing testing and calibration of the HALEU Tails Cold Box System IROFS activities performed at the ACP and HALEU Demonstration program. Reason for the Change: Provide implementation requirements.	9/13/2021	No	ACP3-ST-002 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0087 PCE 21-0135	0 0	Title: Revision to Procedures ACD4-OP-101, Purge Vacuum Operating Procedure, and ACD4-OP-102, Evacuation Vacuum Operating Procedure Description of Change: Revised procedures ACD4-OP-101 and ACD4-OP-102 to remove exception statements to allow for use during fissile operations, make corrections based on new technical data in seal purge use, correct various sections based off new engineering guidance on pump operation, and adjusted tolerances/requirements for nitrogen supply and VCW operating ranges. Reason for the Change: Clarify procedure requirements.	9/13/2021	No	ACD4-OP-101 Chg. 1 ACD4-OP-102 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0088 PCE 21-0136	0 0	Title: New Procedures ACD4-OP-035, Operation of Adventurer Balances Sample Scale AX2202; ACP4-OP-026, Small Container Scale Operations; ACP4-OP-027, 30-Series Scale Operations; and ACP4-OP-030, Operation of the Mettler Toledo PKF9-(X-T4) Scale for weighing 5" and 12" UF6 cylinders Description of Change: New procedures ACD4-OP-035, ACP4-OP-026, ACP4-OP-027, and ACP4-OP-030 provide instruction on scale operations and weighing various containers, samples, cylinders, and standards. Reason for the Change: Provide implementation requirements.	9/28/2021	No	ACD4-OP-035 Chg. 0 ACP4-OP-026 Chg. 0 ACP4-OP-027 Chg. 0 ACP4-OP-030 Chg. 0	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 21-0089 PCE 21-0137	0 0	Title: New Procedure ACP3-ST-004, HALEU Product Cold Box IROFS Surveillance Testing and Calibration Description of Change: New procedure provides guidance and direction for performing testing and calibration of the HALEU Product Cold Box IROFS activities performed at the ACP and for HALEU Demonstration program. Reason for the Change: Provide implementation requirements.	9/13/2021	No	ACP3-ST-004 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0090 PCE 21-0141	0 0	Title: New Procedure ACD4-AR-101, Centrifuge Alarms and Responses, and Cancellation of Procedure AC4-AR-101, Cascade 131 Machine Alarms and Responses Description of Change: New procedure ACD4-AR-101 provides the actions required to respond to centrifuge alarms. AC4-AR-101, was a previously approved similar procedure, on hold, that is now being concurrently cancelled. Reason for the Change: Provide implementation requirements.	9/16/2021	No	ACD4-AR-101 Chg. 0 AC4-AR-101 Chg. 16	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0095 PCE 21-0148	0 0	Title: New Statement of Work SOW-2518-0011, ACP Temporary Fuel Station Description of Change: To assess the extension of the end date for the temporary fuel station utilized for the ACP. Due to demobilization of the ACP construction activities in the summer of 2009, it was necessary to continue utilizing the temporary satellite fuel station located adjacent to the X-1107EP portal. Also, the HALEU Demonstration program is presently ongoing and warrants continued use of the temporary satellite fuel station but does not include the scope to add a permanent fuel station at this time. Reason for the Change: The temporary satellite fuel station provides fueling services to site located equipment and vehicles that support ACP activities.	9/30/2021	No	SOW-2518-0011-Rev. 0	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 21-0096 PCE 21-0149	0 0	Title: Revision to Procedure ACD2-PS-005, Handling and Processing of Classified Documents for Offsite Deliveries and Receipts Description of Change: Revised procedure to remove the requirements for handling and processing Safeguards Information from the procedure to flow down a recent change in NRC commitment. Reason for the Change: Clarify procedure requirements.	10/21/2021	No	ACD2-PS-005 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0097 PCE 21-0152	0 0	Title: Revision to Procedure ACD4-OP-073, Nitrogen System Operations Description of Change: Revised procedure to better address proper Nitrogen System startup based on recent engineering changes and lessons learned from Test Plan, added Section 7.8 to detail Nitrogen Backfill operations, and removed exception statement to allow for fissile operations. Reason for the Change: Clarify procedure requirements.	10/7/2021	No	ACD4-OP-073 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0098 PCE 21-0155	0 0	Title: Revision to Procedures ACD4-OP-003, Machine Cooling Water Normal Operations; ACD4-OP-006, Vacuum Cooling Water Normal Operations; ACD4-ON-004, Loss of Machine Cooling Water; and ACD4-ON-218, Loss of Vacuum Cooling Water Description of Change: Revised procedures ACD4-OP-003 and ACD4-OP-006 to reformat procedures to align more efficiently with equipment and components of the MCW skid, add prerequisites, clarify instructions throughout, and add notes in Appendix A and B to assist with valve lineups. Revised procedures ACD4-ON-004 and ACD4-ON-218 to add a number of immediate and supplemental actions for various off normal events. Reason for the Change: Clarify procedure requirements.	10/7/2021	No	ACD4-OP-003 Chg. 4 ACD4-OP-006 Chg. 2 ACD4-ON-004 Chg. 1 ACD4-ON-218 Chg. 2	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 21-0099 PCE 21-0160	0 0	Title: Revision to Procedure ACP2-CM-001, Chemical Trap Change Description of Change: Revised procedure to correct procedure references, add clarifications for NCS approved containers, and perform editorial corrections throughout. Reason for the Change: Clarify procedure requirements.	10/22/2021	No	ACP2-CM-001 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0100 PCE 21-0162	0 0	Title: Revision to Procedure ACP2-CM-004, Field Decontamination Description of Change: Revised procedure to update references and provide clarification on NCS approved containers. Reason for the Change: Clarify procedure requirements.	10/22/2021	No	ACP2-CM-004 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0101 PCE 21-0163	0 0	Title: Revision to Procedure ACP2-CM-002, Removal, Handling, and Storage of Uranium Contaminated Process Equipment Description of Change: Revised procedure to update references, clarify the use of NCS approved containers, and change step 7.2.13 to clarify the Safe Volume Container (SVC) is expected to be a value exempt from Item Control for NMC&A. Reason for the Change: Clarify procedure requirements.	10/22/2021	No	ACP2-CM-002 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0102 PCE 21-0168	0 0	Title: Revision to Procedure ACD2-TP-001, Procedure Process Description of Change: Revised procedure to include additional criteria to be considered before a procedure Approval Authority selects an Effective Date for a given procedure. Revised for AC-006 adding block 9 for recording procedure activity Effective Date. Reason for the Change: Clarify procedure requirements.	10/26/2021	No	ACD2-TP-001 Chg. 24	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 21-0105 PCE 21-0177	0 0	Title: Revision to Procedure ACD2-MP-003, Employee Concerns Program Description of Change: Revised procedure to align with the Centrus Energy Corp. Employee Concerns Program Policy. Reason for the Change: Clarify procedure requirements.	11/2/2021	No	ACD2-MP-003 Chg. 9	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0106 PCE 21-0178	0 0	Title: Revision to Procedure ACD3-EG-203, Engineering Drawing Controls Description of Change: Revised procedure to add the definition of "Approval Authority" and clarify the definitions of "Drawing Check" and "Technical Review" in Appendix A; provide clarifications throughout; add the electronic signature option for signing to Appendix L; add the 9500 sequence for new HALEU drawing numbers in Appendix P; and rearranged the order of certain steps to follow the actual process in Appendix L. Reason for the Change: Clarify procedure requirements.	11/1/2021	No	ACD3-EG-203 Chg. 10	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0107 PCE 21-0179	0 0	Title: New Procedures ACD4-AR-106, Cascade Alarms and Responses; ACP2-OP-059, Operation of the Safe Geometry Vacuum; and ACP3-OP-002, Operation of the Pump Down Cart Description of Change: Previously approved Lead Cascade procedure AC4-AR-106 was revised for applicability and use under the ACP and HALEU Demonstration program. New procedure ACP2-OP-059, was developed to accommodate actions specific to Safe Geometry Vacuum configuration and incorporate HALEU flow down from NCSE-GEN-002. New procedure ACP3-OP-002, was developed to accommodate actions specific to Pump Down Cart operation and to incorporate HALEU flow down from NCSE-FWS-002, NCSE-GEN-002, NCSE-GEN-008, NCSE-GEN-006, and NCSE-CAS-001. Reason for the Change: Conversion of Operations procedures to the dual use category constitutes a new procedure change under the requirements of ACD2-TP-001, Procedure Process, and allows use under the HALEU Demonstration program. New procedures ACP2-OP-059 and ACP3-OP-002 provide implementation requirements.	11/4/2021	No	ACD4-AR-106 Chg. 0 ACP2-OP-059 Chg. 0 ACP3-OP-002 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 21-0109 PCE 21-0183	0 0	Title: Revision to Procedure ACD2-MP-001, Safety Review Committee Description of Change: Revised procedure to provide a periodic review, make minor formatting/editorial changes, and add clarification. Reason for the Change: Clarify procedure requirements.	11/8/2021	No	ACD2-MP-001 Chg. 18	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0110 PCE 21-0186	0 0	Title: Revision to Procedures ACP2-CM-001, Chemical Trap Change; ACP2-CM-004, Field Decontamination; and ACP2-CM-002, Removal, Handling, and Storage of Uranium Contaminated Process Equipment Description of Change: Revised procedures ACP2-CM-001, ACP2-CM-002, and ACP2-CM-004 to update the Precautions and Limitations sections to state "Activities covered by this procedure shall only be performed in areas of the X-3001 Process Building which have Criticality Accident Alarm System (CAAS) coverage. Removed equipment shall be stored inside CAAS coverage." Reason for the Change: Clarify procedure requirements.	12/14/2021	No	ACP2-CM-001 Chg. 2 ACP2-CM-004 Chg. 2 ACP2-CM-002 Chg. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 21-0112 PCE 21-0190	0 0	Title: Revision to Procedure ACD4-ON-009, Response to Loss of Power Description of Change: Revised procedure to update Operations Manager name, references, correct formatting, update various sections for HALEU demonstration, and add appendices with instructions for monitoring UPS battery life. Reason for the Change: Clarify procedure requirements.	12/16/2021	No	ACD4-ON-009 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0003	0	Title: New Procedure ACP2-FS-001, Combustible Material Control Program Procedure Description of Change: New procedure implements a program for the control of combustible materials that are utilized in the ACP facilities. Reason for the Change: Provide implementation requirements.	2/24/2021	No	ACP2-FS-001 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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N/A PCE 21-0005	0	Title: New Procedure ACP2-FS-002, Flammable and Combustible Liquids Procedure Description of Change: New procedure describes the use, storage, and handling of flammable and combustible liquids. Reason for the Change: Provide implementation requirements.	2/25/2021	No	ACP2-FS-002 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0008	0	Title: New Procedure ACP2-EG-017, IROFS Surveillance Program Description of Change: New procedure provides guidance for evaluating, documenting, and performing IROFS Surveillances at the ACP and HALEU Demonstration. Reason for the Change: Provide implementation requirements.	4/6/2021	No	ACP2-EG-017 Chg. 0	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
N/A PCE 21-0026	0	<p>Title: New Procedures ACP2-NM-101, Accounting for Nuclear Materials; ACP2-NM-102, Administration of Material Balance Areas; ACP2-NM-103, Sampling and Measurement of Nuclear Materials; ACP2-NM-104, Nuclear Material Measurement Controls; ACP2-NM-105, Control of Nuclear Material Items; ACP2-NM-106, Performance of Nuclear Material Inventories; ACP2-NM-107, Shipper/Receiver Difference Monitoring; ACP2-NM-108, Investigation and Resolution of Indicators of Missing Uranium or Unauthorized Enrichment/Production Activities; ACP2-NM-109, Statistical Applications in Nuclear Material Control and Accountability; ACP2-NM-110, Independent Assessment of the Nuclear Material Control and Accountability Program; ACP2-NM-111, Control and Usage of Tamper Indicating Devices; ACP2-NM-112, Monitoring to Detect Unauthorized Enrichment/Production Activities; ACP2-NM-113, Nuclear Material Control & Accountability Software Configuration Management; ACP2-NM-114, Accounting for Receipts and Shipments of Nuclear Materials; ACP2-NM-115, Cascade Transactions and ACP2-NM-116, UF6 Cylinder Transactions</p> <p>Description of Change: New ACP2 procedures implement the Fundamental Nuclear Material Control Plan (FNMCP) and Addendum 1 of the FNMCP requirements for Nuclear Material Control and Accountability (NMC&A) procedures for the HALEU Demonstration program.</p> <p>Reason for the Change: Provide implementation requirements.</p>	5/6/2021	No	ACP2-NM-101 Chg. 0 ACP2-NM-102 Chg. 0 ACP2-NM-103 Chg. 0 ACP2-NM-104 Chg. 0 ACP2-NM-105 Chg. 0 ACP2-NM-106 Chg. 0 ACP2-NM-107 Chg. 0 ACP2-NM-108 Chg. 0 ACP2-NM-109 Chg. 0 ACP2-NM-110 Chg. 0 ACP2-NM-111 Chg. 0 ACP2-NM-112 Chg. 0 ACP2-NM-113 Chg. 0 ACP2-NM-114 Chg. 0 ACP2-NM-115 Chg. 0 ACP2-NM-116 Chg. 0	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
N/A PCE 21-0036	0	<p>Title: New Procedures ACP4-NM-201, Statistical Trend Analysis of Inventory Differences and Shipper-Receiver Data; ACP4-NM-205, Non-UF6 Transactions; ACP4-NM-206, Cascade Dynamic Physical Inventory; ACP4-NM-207, Preparation of the Nuclear Material Transaction Report (DOE/NRC Form 741) for NMMSS Reporting; ACP4-NM-208, Preparation and Issuance of Material Balance Reports and Inventory Reports (DOE/NRC Form 742/742C); ACP4-NM-209, Preparation and Issuance of NRC Form 327, ACP4-NM-210, Tracking/Monitoring of Nuclear Material Measurement System; ACP4-NM-211, Monitoring the Performance of Mass Measurement Systems; ACP4-NM-212, Monitoring the Performance of Analytical/NDA Measurement Systems; ACP4-NM-213, Monitoring the Performance of Process Instrumentation; ACP4-NM-214, Stratification and the Statistical Estimation of the SEID; ACP4-NM-215, Item Monitoring Program; ACP4-NM-216, Bias Correction of NMC&A Measurements; and ACP4-NM-217, Journal Entries</p> <p>Description of Change: New ACP4 procedures implement the ACP FNMCP and Addendum 1 of the FNMCP requirements for the NMC&A procedures for the HALEU Demonstration program.</p> <p>Reason for the Change: Provide implementation requirements.</p>	5/11/2021	No	ACP4-NM-201 Chg. 0 ACP4-NM-205 Chg. 0 ACP4-NM-206 Chg. 0 ACP4-NM-207 Chg. 0 ACP4-NM-208 Chg. 0 ACP4-NM-209 Chg. 0 ACP4-NM-210 Chg. 0 ACP4-NM-211 Chg. 0 ACP4-NM-212 Chg. 0 ACP4-NM-213 Chg. 0 ACP4-NM-214 Chg. 0 ACP4-NM-215 Chg. 0 ACP4-NM-216 Chg. 0 ACP4-NM-217 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0038	0	<p>Title: New Procedure ACP4-EG-704, Nuclear Criticality Safety Incident Response</p> <p>Description of Change: New procedure provides direction to NCS for assessing and categorizing off normal NCS events and other conditions that could result in the reduction of NCS.</p> <p>Reason for the Change: Provide implementation requirements.</p>	4/14/2021	No	ACP4-EG-704 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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N/A PCE 21-0040	0	Title: New Engineering Service Order ESO-00145, Install Ductwork Through ACO-OR Security Wall Description of Change: Ductwork is to be routed through an exterior wall to be used for cooling test equipment located in the adjacent area inside the facility. Reason for the Change: Ductwork is required to penetrate the existing walls currently described in NR-SP-ACO-OR-001. The physical changes to these areas do not alter the areas as described in NR-SP-ACO-OR-001.	4/14/2021	Yes	Oak Ridge ESO-00145	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0042	0	Title: Revision to LA-3605-0001, License Application for the American Centrifuge Plant Description of Change: Revised LA-3605-0001 to update Shift Crew Composition and Emergency Operations Center Activation in Chapters 2.0 and 8.0. Reason for the Change: Contractor FBP has traditionally provided Industrial Hygiene personnel for Shift Crew composition. FBP no longer maintains Industrial Hygiene personnel on site 24 hours a day/seven days a week.	6/16/2021	No	LA-3605-0001 Sections 2.1.8 and 8.1.1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0049	0	Title: New Procedure ACP2-SH-002, ACO Site Response Actions Description of Change: New procedure ACP2-SH-002 was developed to provide clear instruction for actions to be taken during emergency events at the ACP and enable proper integration/transition to the FBP site emergency response. Reason for the Change: Provide implementation requirements.	6/16/2021	No	ACP2-SH-002 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0052	0	Title: Revision to LA-3605-0001, License Application for the American Centrifuge Plant Description of Change: Revised license application to provide editorial and administrative corrections. Reason for the Change: Clarify licensing documentation.	10/5/2021	No	LA-3605-0001 TOC, Sections 1.1.3.3.3, 1.4.3 D, 1.6, 2.1.2.2.1, 2.1.2.2.2 and figures 1.1-4, 1.1-5a, 1.1-5b, 1.1-5c, 1.1-5d, 1.1-5e, 1.1-6, 1.1-7, 1.1-8 and 1.1-10	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
N/A PCE 21-0054	0	Title: Revision to ESO-2501-0024, Upgrade of the Security Access Control and Alarm System (SACAS) for the HALEU Demonstration Program. Description of Change: The ESO is for physical construction modifications in support of the SACAS upgrades for the ACP and the HALEU Demonstration program. Reason for the Change: Provide upgrades to the existing SACAS equipment and structures.	5/20/2021	Yes	ESO-2501-0024	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0056	0	Title: Revision to NCSE-CAS-004, Nuclear Criticality Safety Evaluation for Mass Spectrometry Stations, and NCSE-GEN-008, Nuclear Criticality Safety Evaluation for Service Carts Description of Change: Revised NCSE-CAS-004 to evaluate a change in the dimensions of the mass selective detector (MSD). Revised NCSE-GEN-008 to remove the geometric directional limitation for the transfer standard component of the calibration cart, to require the item being calibrated to be isolated from the cascade, to provide clarification that the calibration cart flexible connection hose may be used with the pump down cart when the pump down cart is used independently of the calibration cart, and to revise the discussion and control for common cart components. Reason for the Change: Clarify NCSE requirements.	6/17/2021	No	NCSE-CAS-004 Rev. 2 NCSE-GEN-008 Rev. 2 LA-3605-0003A Sections 7.3.6.2.1.4, 7.3.6.3.1.4.3, 7.3.6.12.1.1.7, 7.3.6.12.1.1.13, 7.3.6.12.1.1.14, 7.3.6.12.1.4.3, 7.3.6.12.3.3, 7.5, and Tables C-2-3 and C-2-12	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.
7 N/A PCE 21-0057	0	Title: New Procedure ACP2-SH-001, Actions To Be Taken During a UF6 or Other Hazardous Materials Release Description of Change: New procedure procedure provides instructions for actions to be taken during a UF6 or other hazardous materials release. Reason for the Change: Provide implementation requirements.	8/31/2021	No	ACP2-SH-001 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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N/A PCE 21-0065	0	<p>Title: Revision to Engineering Service Order ESO-3100-0006, Machine/Vacuum Cooling Water System</p> <p>Description of Change: The ESO is for the installation of the MCW and VCW systems for the HALEU demonstration project per ESO-3100-0006. The previous Change Evaluations were performed "at-risk" due to the design being incomplete and also due to NRC prior approval being required for associated License Application/ISA Summary changes for HALEU Demonstration.</p> <p>ESO design has been completed and NRC approval has been obtained for the HALEU Demonstration changes. Therefore, this Change Evaluation supersedes all previous "At Risk" Change Evaluations (e.g., FCE 20-0070 Rev. 0/PCE 20-0090 Rev. 0) and evaluates the final ESO design of the HALEU MCW and VCW systems against the current approved design basis as revised for HALEU Demonstration.</p> <p>Reason for the Change: The purpose of the ESO is to install the MCW and VCW systems to support HALEU Demonstration operations.</p>	6/29/2021	Yes	ESO-3100-0006 LA-3605-0001 Section 1.1.5.6.3 and Figure 1.1-16 LA-3605-0003A Section 3.9.3 and Figure 3.9-2	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0066	0	<p>Title: Revision to Engineering Service Order ESO-3100-0010, HALEU Cascade Mass Spectrometer</p> <p>Description of Change: The ESO is the installation of mass spectrometers in an enclosed room near the withdrawal cold boxes in X-3001 for HALEU Demonstration. Previous Change Evaluations for this system were performed "At Risk" due to the design being incomplete and also due to NRC prior approval being required for associated License Application/ISAS changes for HALEU Demonstration.</p> <p>ESO design has been completed and NRC approval has been obtained for the HALEU Demonstration changes. Therefore, this Change Evaluation supersedes all previous "At Risk" Change Evaluations (e.g., FCE 20-0055 Rev. 0/FCE 20-0073 Rev. 0) and evaluates the final ESO design of the HALEU Cascade Mass Spectrometer against the current approved design basis as revised for HALEU Demonstration.</p> <p>Reason for the Change: The purpose of the ESO is to install new mass spectrometers in an enclosed room to support HALEU Demonstration operations.</p>	6/29/2021	Yes	ESO-3100-0010	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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N/A PCE 21-0067	0	<p>Title: Revision to Engineering Service Order ESO-3100-0019, Portable Carts Used for UF6 Handling for HALEU</p> <p>Description of Change: FCE 21-0012 Rev. 0 / PCE 21-0011 Rev. 0 was previously approved and evaluated portable carts; however, Revision 0 focused on the portable Pump Down Cart. The purpose of this Change Evaluation is to supersede the previous "At-Risk" CE, include the other portable service carts that are now covered by ESO-3100-0019, and evaluate all portable service carts for activities such as design, procurement, fabrication, installation, testing, implementation, and operation. ESO-3100-0019 also includes the Calibration Cart, the Gulper, and the Safe Geometry Vacuum.</p> <p>Reason for the Change: ACP operations require vacuum calibration equipment and pump-down equipment to perform testing on sections of piping, equipment, and instrumentation to calibrate the instrumentation.</p>	6/24/2021	Yes	ESO-3100-0019	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0069	0	<p>Title: New Procedure ACP2-EG-026, Spacing Exempt and NCS Program Exclusions</p> <p>Description of Change: New procedure provides instructions for independent verification of enrichment data, visual inspection, radiation survey, and waste stream source information to establish the applicability of NCS spacing requirements or the exclusion from the NCS program requirements.</p> <p>Reason for the Change: Provide implementation requirements.</p>	7/6/2021	No	ACP2-EG-026 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0071	0	<p>Title: Revision to LA-3605-0001, License Application for the American Centrifuge Plant</p> <p>Description of Change: Revised Table 1.2-2, HALEU Demonstration program Possession Limits for NRC Regulated Materials and Substances, to correct a statement that would have allowed Uranium enriched in isotope 235 to 20 percent or greater by weight to state "Uranium enriched in isotope 235 from 20 percent up to 25 percent by weight".</p> <p>Reason for the Change: This change is being made to conform to the proposed HALEU authorized uses of NRC Regulated Materials identified in Table 1.2-4 of LA-3605-0001.</p>	6/10/2021	No	LA-3605-0001 Table 1.2-2	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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N/A PCE 21-0073	0	Title: Revision to Procedure PLD1-SP-032, Personnel Security Procedure Description of Change: Revised procedure to incorporate additional human performance error reduction tools following an Incident of Security Concern (IOSC). Reason for the Change: Clarify procedure requirements.	6/15/2021	No	PLD1-SP-032 Rev. 6	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0075	0	Title: Revision to Engineering Service Order ESO-3100-0015, HALEU Distributed Control System Description of Change: The ESO is the installation of a new DCS for HALEU Demonstration. Previous Change Evaluations for this system were performed "At Risk" due to the design being incomplete and also due to NRC prior approval being required for associated License Application/ISA Summary changes for HALEU Demonstration. ESO-3100-0015 design has been completed and NRC approval has been obtained for the HALEU Demonstration changes. This Change Evaluation is evaluating all changes made to remove the "At Risk" status since the previous "At Risk" Change Evaluations (e.g., FCE 20-0056 Rev. 0 / PCE 20-0075 Rev. 0 and FCE 20-0069 Rev. 0 / PCE 20-0089 Rev. 0) were completed. Therefore, this Change Evaluation will be the final evaluation of the ESO-3100-0015 design of the HALEU Cascade DCS against the current approved design basis as revised for HALEU Demonstration. Reason for the Change: The purpose of the proposed change is to install a new DCS to support HALEU Demonstration operations.	6/30/2021	Yes	ESO-3100-0015	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0076	0	Title: Revision to Procedure PLD1-SP-012, Visitor Control and Badging Description of Change: Revised procedure to incorporate additional human performance error reduction tools following an IOSC. Reason for the Change: Clarify procedure requirements.	6/24/2021	No	PLD1-SP-012 Rev. 8	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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N/A PCE 21-0082	0	Title: Revision to Procedure ACP2-NM-103 Sampling and Measurement of Nuclear Materials Description of Change: Revised procedure to respond to comments from the Internal Readiness Review (IRR) completed in June 2021. This procedure revision also included changes to provide a better procedure flow, more descriptive detail, and minor editorial corrections. Reason for the Change: Clarify procedure requirements.	7/20/2021	No	ACP2-NM-103 Chg. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0083	0	Title: Revision to Procedure ACP2-NM-104, Nuclear Material Measurement Controls Description of Change: Revised procedure to respond to comments from the IRR completed in June 2021. This procedure revision also included changes to provide a better procedure flow, more descriptive detail, and minor editorial corrections. Reason for the Change: Clarify procedure requirements.	7/22/2021	No	ACP2-NM-104 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0086	0	Title: Revision to Engineering Service Order ESO-3100-0023, HALEU Fissile Material Storage Area Description of Change: The ESO is for the installation of a Fissile Material Storage Area. Reason for the Change: To provide an area to be used for the activities associated with storage and transportation of fissile materials and associated equipment.	7/7/2021	Yes	ESO-3100-0023	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0087	0	Title: Revision to Procedure ACP2-NM-106, Performance of Nuclear Material Inventories Description of Change: Revised procedure to reorganize, provide for a better procedure flow, more descriptive details, and minor editorial changes. Form AC-750, Nuclear Materials Inventory Form was also established with this change. Reason for the Change: Clarify procedure requirements.	7/26/2021	No	ACP2-NM-106 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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N/A PCE 21-0092	0	Title: Revision to Procedure PLD1-SP-009, Foreign National Visits and Assignments Description of Change: Revised procedure due to a periodic review, removed Department of Energy (DOE) and added NRC or Cognizant Security Authority (CSA) as appropriate throughout procedure, added additional source references; and made minor corrections/clarifications throughout procedure. Reason for the Change: Clarify procedure requirements.	7/13/2021	No	PLD1-SP-009 Rev. 5	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0094	0	Title: Revision to Engineering Service Order ESO-3100-0019, Addition of Helium Leak Detectors Description of Change: The purpose of this Change Evaluation is to include HLDs in the scope of ESO-3100-0019 using ECR-3100-0019-03. Reason for the Change: ACP operations require HLDs to perform leak testing on machine connections and sections of piping, equipment, and instrumentation.	7/19/2021	Yes	ESO-3100-0019 ECR-3100-0019-03, Rev. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0096	0	Title: Revision to Procedure ACP2-NM-107, Shipper/Receiver Difference Monitoring Description of Change: Revised procedure to respond to comments from the IRR completed in June 2021. This procedure revision also included changes to provide a better procedure flow, more descriptive detail, and minor editorial corrections. Reason for the Change: Clarify procedure requirements.	7/26/2021	No	ACP2-NM-107 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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N/A PCE 21-0097	0	Title: Revision to Procedure ACP2-NM-108, Investigation and Resolution of Indicators of Missing Uranium or Unauthorized Enrichment/Production Activities Description of Change: Revised procedure to respond to comments from the IRR completed in June 2021. This procedure revision also included changes to provide a better procedure flow, more descriptive details, and editorial corrections. Reason for the Change: Clarify procedure requirements.	7/27/2021	No	ACP2-NM-108 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0099	0	Title: Revision to Procedure ACP2-NM-112, Monitoring to Detect Unauthorized Enrichment/Production Activities Description of Change: Revised procedure to respond to comments from the IRR completed in June 2021. This procedure revision also included changes to provide a better procedure flow, more descriptive details, and minor editorial changes. Reason for the Change: Clarify procedure requirements.	8/5/2021	No	ACP2-NM-112 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0100	0	Title: Equivalency Substitution Evaluation of ANSI N14.1-2019 Edition for 2012 Edition Description of Change: This ESE evaluates the proposed change in code edition from ANSI N14.1-2012 to ANSI N14.1-2019. Reason for the Change: Section 1.4 of LA-3605-0001 states: "Any deviations from the codes and standards of record will be evaluated and documented in accordance with the Configuration Management Program as described in Section 11.1 of this license application." The Code Reconciliation concluded that the 2019 edition meets all requirements of the 2012 edition, with additional or updated requirements that affect cylinder or component manufacturers.	12/15/2021	No	ESE-3100-0001 Rev. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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N/A PCE 21-0101	0	Title: Revision to Procedures ACP2-EG-010, Nuclear Criticality Safety Program, and ACP3-EG-701, Nuclear Criticality Safety Engineering Description of Change: Revised procedures ACP2-EG-010 and ACP3-EG-701 to split NCSE implementation activities into two parts. Part A was created for the Fissile Material Operations Manager, Engineering, and the NCS Implementing Engineer. Part B was created for the NCS Implementing Engineer to document CAAS requirements are met and any license changes are approved. Reason for the Change: Clarify procedure requirements.	8/5/2021	No	ACP2-EG-010 Chg. 7 ACP3-EG-701 Chg. 7	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0102	0	Title: Proposed Change to NR-3605-0005C, (U) Program for Precluding and Detecting Unauthorized Production/Enrichment and Diversion Activities for the HALEU Demonstration Centrifuge Facility Description of Change: Proposed change to NR-3605-0005C is being made to address deficiencies identified in ACP-IRR-2021-05, Nuclear Material Control and Accountability Program Independent Readiness Review. Reason for the Change: Clarify plan requirements.	8/9/2021	No	NR-3605-0005C Sections 11.1 - 11.7, Tables 11.2, 11.3, 11.4; and 11.5	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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N/A PCE 21-0114	0	<p>Title: ECR-3100-0006-07, Sanitary Water Supply and Tower Cooling Water Return Change, At Risk Installation and Testing</p> <p>Description of Change: The proposed change is the At Risk ECR-3100-0006-07 to the Machine/Vacuum Cooling Water System. This evaluation covers the continued installation and testing of the Machine/Vacuum Cooling Water System as modified by ECR-3100-0006-07. This evaluation does NOT address the operation of the modified system. An additional Change Evaluation will need to be performed against the final system design prior to placing the system into operation.</p> <p>ECR-3100-0006-07 addresses the reroute of sanitary water supply line and sanitary drain line from constructed installation per X-3001-9571-MP to tie-in point used during previous project on X-3001 north building wall column line 1 for sanitary water supply and to tie-in point tower cooling water return (TCWR) line between columns B2-1.6 and B2-1.</p> <p>ISA Summary Addendum 1 describes the HALEU MCW and VCW systems in Section 3.9.3. Additionally, the License Application provides a description of the MCW in Section 1.1.5.6.3 and Figure 1.1-16. The final approved system design, as modified by ECR-3100-0006-07, will be required to be reviewed against these sections prior to placing the system into operation. Any required changes to these sections will be addressed by a future change evaluation.</p> <p>Reason for the Change: Piping is required to be rerouted due to insufficient sanitary water drain capacity per original design and additional requirement for a backflow preventor on the sanitary water supply line.</p>	8/17/2021	Yes	ECR-3100-0006-07, Rev. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0118	0	<p>Title: New Procedure ACP2-PT-009, On-Site Transportation of Inventory and Radioactive Material Shipment and Receipt</p> <p>Description of Change: New procedure provides the flow down of requirement 7.3.9.2 contained LA-3605-0003A and controls the limits for on-site transportation, outside of ACP buildings, and off-site shipment or receipt of radioactive materials.</p> <p>Reason for the Change: Provide implementation requirements.</p>	8/26/2021	No	ACP2-PT-009 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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N/A PCE 21-0121	0	Title: New procedure ACP4-FS-001, Surveillance of the Items Relied On For Safety Fire Suppression Systems Description of Change: New procedure provides the requirements for surveillance of the IROFS fire suppression systems. Reason for the Change: Provide implementation requirements.	8/31/2021	No	ACP4-FS-001 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0126	0	Title: Change in Markings for NR-3605-0008, Emergency Plan for the American Centrifuge Plant Description of Change: Revised NR-3605-0008 to move tables from Appendix A, B, and C to Appendix G. Reason for the Change: Clarify appendix information.	12/2/2021	No	NR-3605-0008 TOC, Section 2.0, Appendix A, B, C, and new Appendix G	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0130	0	Title: Revision to ECR-3100-0006-07, Sanitary Water Supply and Tower Cooling Water Return Change Description of Change: Revision to this ECR is required to be reviewed against the final system design prior to placing the system into operation. This ECR addresses the reroute of sanitary water supply line and sanitary drain line due to insufficient sanitary water drain capacity per original design and additional requirement for a backflow preventor on the sanitary water supply line. LA-3605-0003A was revised to reflect that the Tower Water Cooling Return will be used for sanitary water discharge rather than the sanitary drain during emergency dump mode of operation. Reason for the Change: Clarify engineering requirements.	10/1/2021	No	ECR-3100-0006-07 Rev. 1 LA-3605-0003A Section 3.9.3 and Figures 3.9-2 and 3.9-3	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.

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N/A PCE 21-0131	0	Title: Revision to Procedure ACP2-EG-026, Spacing-Exempt and NCS Program Exclusions Description of Change: Revised procedure to correct procedure number reference; to change terminology from "radiation survey" to "contamination survey"; clarify interface with NMC&A regarding measurement uncertainty; and add a row to Appendix C for air and nitrogen system piping. Reason for the Change: Clarify procedure requirements.	9/9/2021	No	ACP2-EG-026 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0132	0	Title: Proposed Changes to NR-3605-0005, Fundamental Nuclear Material Control Plan for the American Centrifuge Plant; NR-3605-0005B, Addendum 1 of the Fundamental Nuclear Material Control Plan for the American Centrifuge Plant - HALEU Demonstration; and LA-3605-0001, License Application for the American Centrifuge Plant Description of Change: Proposed changes made to NR-3605-0005, NR-3605-0005B and LA-3605-0001 are administrative changes to standardize terminology/acronyms throughout all documents. Reason for the Change: Clarify plan requirements.	9/16/2021	No	LA-3605-0001 Section 11.7.5 NR-3605-0005 Sections 1 - 17; Tables 4.1; 4.2; 5.1; 5.2; and 6.1 NR-3605-0005B Sections 1 - 17; Tables 2.1; 5.1; 5.2; and 5.3	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0140	0	Title: Revision to Procedure ACP2-EG-010, Nuclear Criticality Safety Program Description of Change: Revised procedure to include two exceptions for including a flowdown procedure step prohibiting use with fissile material when a procedure needs to be made effective before implementation of the NCSE. Reason for the Change: Clarify procedure requirements.	9/15/2021	No	ACP2-EG-010 Chg. 8	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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N/A PCE 21-0142	0	Title: Revision to Procedure ACP2-NM-111, Control and Usage of Tamper Indicating Devices Description of Change: Revised procedure to make global changes to terminology; update acronyms; revise form AC-706, Tamper Indicating Device (TID); and perform editorial/grammatical corrections. Revised LA-3605-0001 Acronyms list to show NDA defined as Non-Destructive Analysis. Reason for the Change: Clarify procedure requirements.	10/1/2021	No	ACP2-NM-111 Chg. 1 LA-3605-0001 Acronyms	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0144	0	Title: Revision to Procedure ACP4-OP-066, Mass Spectrometer Operation Description of Change: Revised procedure to resolve NMC&A comments regarding the addition of a form and to ensure tails withdrawal requirement is performed and documented. Reason for the Change: Clarify procedure requirements.	9/23/2021	No	ACP4-OP-066 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0145	0	Title: Revision to Procedure PLD1-SP-011, Electronic/Photographic/Audio Recording/Medical Devices Description of Change: Revised procedure to include medical devices in the electronic device review and approval process. Form F-ACP-OR-316 was also revised. Reason for the Change: Clarify procedure requirements.	9/22/2021	No	PLD1-SP-011 Rev. 5	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0150	0	Title: Revision to Procedure ACP2-NM-101, Accounting for Nuclear Materials Description of Change: Revised procedure to perform global changes to standardize terminology/acronyms; organizational clarifications; and perform general editorial, order of steps, capitalization/grammatical/formatting corrections. Reason for the Change: Clarify procedure requirements.	10/7/2021	No	ACP2-NM-101 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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N/A PCE 21-0151	0	Title: Cancellation of Procedure ACP4-NM-217, Journal Entries Description of Change: Cancelled procedure due to utilizing the Nuclear Materials Accounting System to record and adjust various nuclear material data. The requirements from this procedure are covered in other NMC&A approved procedures. Reason for the Change: Clarify procedure requirements.	10/7/2021	No	ACP4-NM-217 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0153	0	Title: Revision to Procedure ACP2-NM-105, Control of Nuclear Material Items Description of Change: Revised procedure to perform global changes to standardize terminology/acronyms; organizational clarifications; and perform general editorial, order of steps, capitalization/grammatical/formatting corrections. Reason for the Change: Clarify procedure requirements.	10/20/2021	No	ACP2-NM-105 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0154	0	Title: Revision to Procedure ACP2-NM-114, Accounting for Receipts and Shipments of Nuclear Materials Description of Change: Revised procedure to perform global changes to standardize terminology/acronyms; organizational clarifications; and perform general editorial, order of steps, capitalization/grammatical/formatting corrections. Reason for the Change: Clarify procedure requirements.	10/27/2021	No	ACP2-NM-114 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0156	0	Title: New Procedure ACP4-ON-066, Mass Spectrometer Off-Normal Operations Description of Change: New procedure provides responses for Off-Normal events. Reason for the Change: Provide implementation requirements.	10/20/2021	No	ACP4-ON-066 Chg. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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N/A PCE 21-0158	0	Title: Revision to Engineering Evaluation EE-3100-0003, Summary of ACP Seismic Design Values Description of Change: Revised Engineering Evaluation to reference the ASCE 7 standard for seismic analysis procedures and the development of relevant seismic forces for each procedure. Revised LA-3605-0001 and LA-3605-0003 to reflect the updated Engineering Evaluation as it is referenced in both documents. Reason for the Change: Clarify engineering standards.	11/4/2021	No	EE-3100-0003 Rev. 2 LA-3605-0001 Sections 1.6 and 3.6 LA-3605-0003 Sections 1.9, 2.7, and 6.2	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0159	0	Title: Revision to Procedure ACP2-NM-107, Shipper/Receiver Difference Monitoring Description of Change: Revised procedure to perform global changes to standardize terminology/acronyms; organizational clarifications; and perform general editorial, order of steps, capitalization/grammatical/formatting corrections. Reason for the Change: Clarify procedure requirements.	10/13/2021	No	ACP2-NM-107 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0164	0	Title: Revision to Procedure ACP2-NM-103, Sampling and Measurement of Nuclear Materials Description of Change: Revised procedure to perform global changes to standardize terminology/acronyms; organizational clarifications; and perform general editorial, order of steps, capitalization/grammatical/formatting corrections. Reason for the Change: Clarify procedure requirements.	10/27/2021	No	ACP2-NM-103 Chg. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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N/A PCE 21-0165	0	Title: Revision to Procedure ACP2-NM-101, Accounting for Nuclear Materials Description of Change: Revised procedure to perform global changes to standardize terminology/acronyms; organizational clarifications; and perform general editorial, order of steps, capitalization/grammatical/formatting corrections. Reason for the Change: Clarify procedure requirements.	10/27/2021	No	ACP2-NM-101 Chg. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0166	0	Title: Revision to Procedure ACP2-NM-113, Nuclear Material Control & Accountability Software Configuration Management Description of Change: Revised procedure to perform global changes to standardize terminology/acronyms; organizational clarifications; and perform general editorial, order of steps, capitalization/grammatical/formatting corrections. Reason for the Change: Clarify procedure requirements.	10/27/2021	No	ACP2-NM-113 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0167	0	Title: Revision to Procedure ACP4-NM-215, Item Monitoring Program Description of Change: Revised procedure to perform global changes to standardize terminology/acronyms; organizational clarifications; and perform general editorial, order of steps, capitalization/grammatical/formatting corrections. Reason for the Change: Clarify procedure requirements.	10/20/2021	No	ACP4-NM-215 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0169	0	Title: Revision to Procedure ACP2-NM-106, Performance of Nuclear Material Inventory Description of Change: Revised procedure to perform global changes to standardize terminology/acronyms; organizational clarifications; and perform general editorial, order of steps, capitalization/grammatical/formatting corrections. Reason for the Change: Clarify procedure requirements.	10/27/2021	No	ACP2-NM-106 Chg. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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N/A PCE 21-0170	0	Title: Revision to Procedure ACP2-EG-010, Nuclear Criticality Safety Program Description of Change: Revised procedure to provide an additional allowance for controlling operations as non-fissile when procedures are made effective prior to the NCSE effective date. Reason for the Change: Clarify procedure requirements.	10/22/2021	No	ACP2-EG-010 Chg. 9	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0176	0	Title: Evaluation of Use-As-Is dispositions for Material Concern Reports (MCR) 9688, 10206, and MCR Corrective Action Preventative Action (CAPA) 01529 Description of Change: MCRs 9688, 10206, and MCR CAPA 01529 are dispositioned Use-As-Is. MCR 9688 was issued for fingerprints on centrifuge parts. MCR 10206 was issued for a centrifuge vacuum flex line with a small dent on the bellows surface. MCR CAPA 01529 waives certain centrifuge leak test requirements listed in Engineering Process Specification EPS-00137. ACD2-QM-107, Control of Nonconforming Items requires a Change Evaluation for dispositions of Use-As-Is on MCRs. Reason for the Change: Evaluation for dispositions of Use-As-Is on MCRs.	11/1/2021	No	MCRs 9688, 10206 MCR CAPA 01529	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0181	0	Title: Revision to Procedure ACP2-NM-115, Cascade Transactions Description of Change: Revised procedure to perform global changes to standardize terminology/acronyms; organizational clarifications; and perform general editorial, order of steps, capitalization/grammatical/formatting corrections. Reason for the Change: Clarify procedure requirements.	11/16/2021	No	ACP2-NM-115 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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N/A PCE 21-0182	0	Title: Revision to Procedure ACP2-NM-116, UF6 Cylinder Transactions Description of Change: Revised procedure to perform global changes to standardize terminology/acronyms; rganizational clarifications; and perform general editorial, order of steps, capitalization/grammatical/formatting corrections. Reason for the Change: Clarify procedure requirements.	11/16/2021	No	ACP2-NM-116 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0184	0	Title: Revision to Procedure ACP2-NM-109, Statistical Applications in Nuclear Material Control and Accountability Description of Change: Revised procedure to perform a number of global changes to standardize terminology/acronyms, organizational clarifications and perform general editorial, order of steps, capitalization/grammatical/formatting corrections. Reason for the Change: Clarify procedure requirements.	11/16/2021	No	ACP2-NM-109 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0185	0	Title: Revision to Procedure ACP4-NM-205, Non-UF6 Transactions Description of Change: Revised procedure to perform a number of global changes to standardize terminology/acronyms, organizational clarifications and perform general editorial, order of steps, capitalization/grammatical/formatting corrections. Reason for the Change: Clarify procedure requirements.	11/23/2021	No	ACP4-NM-205 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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N/A PCE 21-0188	0	Title: Revision to Procedures ACP2-OP-037, Requirements for Use of Service Carts; ACP4-OP-031, Tails Cold Box Operation; and ACP4-OP-032, Product Cold Box Operation Description of Change: Revised procedure ACP2-OP-037 to add IROFS requirements for various carts and HLD; add references/acronyms; and add Post Work Activity guidance from ACP2-EG-026. Revised procedure ACP4-OP-031 to provide added direction and procedure steps. Revised ACP4-OP-032 to update form AC-764 and add steps to provide additional direction. Reason for the Change: Clarify procedure requirements.	12/10/2021	No	ACP2-OP-037 Chg. 1 ACP4-OP-031 Chg. 1 ACP4-OP-032 Chg. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0191	0	Title: Work Order WO-21-0605, Relocating Field Panel Description of Change: A field panel is being relocated at the Technology and Manufacturing Center (TMC). Reason for the Change: Relocation of the field panel is required for upcoming projects in Oak Ridge, TN	12/28/2021	No	Oak Ridge Work Order WO-21-0605 Rev. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
N/A PCE 21-0192	0	Title: Revision to Procedure PLD2-SP-002, Security Systems Maintenance and Testing Procedure Description of Change: Revised procedure to perform a periodic review; remove the term DOE and replace with NRC as applicable throughout document; correct titles throughout document; update references and revised and added steps to clarify procedure requirements for testing. Reason for the Change: Clarify procedure requirements.	12/29/2021	No	PLD2-SP-002 Rev. 4	No	None of the criteria listed in 10 CFR 70.72(c) are met.