



January 30, 2007
AET 07-0008

Mr. Jack Strosnider
Director, Office of Nuclear Material Safety and Safeguards
Attention: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

**American Centrifuge Lead Cascade Facility
Docket Number 70-7003; License No. SNM-7003
Brief Summary of Facility Changes for the American Centrifuge Lead Cascade Facility –
Calendar Year 2006**

Dear Mr. Strosnider:

In accordance with 10 *Code of Federal Regulations* (CFR) 70.72(d)(2), USEC Inc. (USEC) hereby submits a brief summary of the facility changes (made without prior NRC approval in accordance with 10 CFR 70.72) to the records required by 10 CFR 70.62(a)(2) for calendar year 2006. Enclosure 1 provides the brief summary of changes. In addition, three changes contain USEC Proprietary Information and Security Related Sensitive Information and will be submitted under separate cover (AET 07-0009).

If you have any questions regarding this matter, please contact me at (301) 564-3470.

Sincerely,

Peter J. Miner
Director, Regulatory and Quality Assurance

Enclosure: As Stated

cc: S. Echols – NRC HQ
B. Smith – NRC HQ
J. Henson – NRC RII

USEC Inc.
6903 Rockledge Drive, Bethesda, MD 20817-1818
Telephone 301-564-3200 Fax 301-564-3201 <http://www.usec.com>

NMS501

Enclosure 1 to AET 07-0008

**Brief Summary of Facility Changes for the American Centrifuge Lead Cascade Facility
Calendar Year 2006**

**2006 Brief Summary of Changes for the
American Centrifuge Lead Cascade Facility**

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 04-0037	2	Title: X-3001 Feed Station, Vacuum System, and Service Module Modifications Description of Change: Refurbishment, restoration, and reconfiguration of the process systems and equipment. Reason for the Change: Design changes to process systems.	5/25/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 04-0037	3	Title: X-3001 Feed Station, Vacuum System, and Service Module Modifications Description of Change: Correct the Engineering Service Order (ESO) number for the modification in Lead Cascade's Cascade #3. The correct ESO number is ESO-2202-0008, not ESO-2202-0006 as noted in Revision 2. Reason for the Change: Refurbishment, restoration, and reconfiguration of the process systems and equipment.	12/8/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 05-0158	0	Title: Testing of the Lead Cascade Sample Carts Description of Change: Evaluate changes for the design, construction, operation, and testing of the Lead Cascade Sample Carts. The changes are a result of the design activities associated with Engineering Service Order ESO-2204-0002 and Test Plan TP-2204-0004. Delete reference to heavy wall or GAT-type polyethylene as the material used for U-tubes. Incorporate the phrases "approximately 2-psig" and "nominally 3 psig" in lieu of "5-psig" and "8 psig," respectively. Change the word "map" to "may." Revise figure to reflect the new Lead Cascade Sample Cart's configuration and controls. Reason for the Change: Evaluate the design, construction, operation, and testing of two Lead Cascade Sample Carts.	2/16/2006	Yes	ISA/ISA Summary ESO-2204-0002 TP-2204-0004	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 05-0181	2	<p>Title: Evaluation of Lead Cascade Evacuation Vacuum and Purge Vacuum pumps and associated process piping leak rate, test, and startup test plans.</p> <p>Description of Change: Evaluate the following test plans:</p> <ul style="list-style-type: none"> – TP-2101-0002, X-3001 Vacuum Leak Rating Test Plan for the Lead Cascade 1 Process Piping – TP-2101-0003, X-3001 Test and Startup Plan for the Evacuation Vacuum System - Lead Cascade 1 – TP-2101-0004, X-3001 Test and Startup Plan for the Purge Vacuum System - Lead Cascade 1 – TP-2101-0008, X-3001 Test Plan for the Startup and Evaluation of the Evacuation Vacuum Pumps – ISTEP-2101-0008, Integrated System Test Plan for Purge Vacuum System – ISTEP-2101-0009, Integrated System Test Plan for Evacuation Vacuum System – TP-2101-0015, X-3001 Test and Startup Plan for the Lead Cascade Vent Monitor Radiation Alarm <p>Reason for the Change: These test plans will verify that the installed equipment under ESO-2101-0002, Vacuum System Replacement/Refurbishment including Chemical Traps and Vent Monitoring for Exhaust Vent System will perform their intended function.</p>	4/11/2006	No	TP-2101-0002 TP-2101-0003 TP-2101-0004 TP-2101-0008 ISTEP-2101-0008 ISTEP-2101-0009 TP-2101-0015	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 05-0181	3	<p>Title: Evaluation of Lead Cascade Evacuation Vacuum and Purge Vacuum pumps and associated process piping leak rate, test, and startup test plans.</p> <p>Description of Change: Evaluate the following test plans:</p> <ul style="list-style-type: none"> – TP-2101-0002, X-3001 Vacuum Leak Rating Test Plan for the Lead Cascade 1 Process Piping – TP-2101-0003, X-3001 Test and Startup Plan for the Evacuation Vacuum System - Lead Cascade 1 – TP-2101-0004, X-3001 Test and Startup Plan for the Purge Vacuum System - Lead Cascade 1 – TP-2101-0008, X-3001 Test Plan for the Startup and Evaluation of the Evacuation Vacuum Pumps – ISTEP-2101-0008, Integrated System Test Plan for Purge Vacuum System – ISTEP-2101-0009, Integrated System Test Plan for Evacuation Vacuum System – TP-2101-0015, X-3001 Test and Startup Plan for the Lead Cascade Vent Monitor Radiation Alarm – TP-2202-0010, X-3001 Vacuum Leak Rating Test Plan for the Lead Cascade 2 Process Piping <p>Reason for the Change: These test plans will verify that the installed equipment under ESO-2101-0002, Vacuum System Replacement/Refurbishment including Chemical Traps and Vent Monitoring for Exhaust Vent System and ESO-2202-0005, Service Module Piping/Valve Modifications, will perform their intended function.</p>	7/18/2006	No	TP-2101-0002 TP-2101-0003 TP-2101-0004 TP-2101-0008 ISTEP-2101-0008 ISTEP-2101-0009 TP-2101-0015 TP-2202-0010	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 05-0243	0	Title: Modification to X-7725 Areas C and C1 for the Lead Cascade Description of Change: Changes allowing construction activities for the modification of areas C and C1 in the X-7725 Recycle/Assembly Building for the storage of centrifuge components for the Lead Cascade, which includes the removal of dikes/curbs, modifications to doors, doorlocks, and door controls, and EXIT signage changes. Reason for the Change: Changes to allow construction activities for the modification of X-7725 areas C and C1 for the Lead Cascade.	2/16/06	Yes	LA Chapter 1 Security Program DFP Emergency Plan ISA/ISA Summary DOE Security Plan	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 05-0243	1	Title: Revision to the Emergency Plan Description of Change: Generalize the facility use description for the X-7725 Building in the Emergency Plan from what was stated in FCE 05-0243 Rev. 0 and FAC 05-0021 Rev. 0. Reason for the Change: Portsmouth Gaseous Diffusion Plant requested the change.	2/16/2006	No	Emergency Plan	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 05-0243	2	Title: NR-2605-0009 Security Program Change Description of Change: Delete the insertion of a paragraph describing the use of the X-7725 ground floor, northeast corner, for the Lead Cascade from the Section 8.1, Intrusion Alarm System, description in the Security Program for the American Centrifuge Lead Cascade Facility. This paragraph was added in FCE 05-0243 Rev. 1 and FAC 05-0021 Rev. 1. Reason for the Change: This change is required since another FCE and related FAC (FCE 05-0251 and FAC 05-0023) revised the wording in the entire section of the Security Program.	3/3/2006	No	Security Program	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 05-0257	0	Title: Revision to the Security Program and License Application Description of Change: Revision to Headquarters Organization and minor editorial changes to Chapter 2 of the License Application. Reason for the Change: The change reflects organization changes at Headquarters and makes minor editorial changes to Chapter 2 of the License Application.	1/27/2006	No	LA Chapter 1 Security Program AC2-MP-002 AC2-RG-003 CMP-2603-0001 DOE Security Plan	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 05-0272	0	Title: Headquarters Organization Changes Description of Change: Change to reflect organization changes at Headquarters. Reason for the Change: Organization changes made at the Headquarters location.	1/27/2006	No	AC2-MP-002 AC2-RG-003 AC2-MP-001 DOE Security Plan LA Chapter 2 LC QAPD	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 05-0278	0	Title: Reconciliation of Machine Design Changes (November 2005) (U) Description of Change: Reconciliation of the current (November 2005) Lead Cascade Production Machine design with the machine design described in the Integrated Summary Analysis (ISA)/ISA Summary. Design changes were made to the rotor, column, Upper Suspension System, Lower Suspension System, Thermal Shield, and Centrifuge Casing. Reason for the Change: These changes were made to increase centrifuge reliability and performance.	2/24/2006	Yes	ISA/ISA Summary	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0018	0	Title: LA-2605-0001 License Application for the American Centrifuge Lead Cascade Facility Change Description of Change: Change Chapters 2 and 5 to reflect Portsmouth Gaseous Diffusion Plant (PORTS GDP) organization changes. Reason for the Change: To properly reflect the PORTS GDP organization changes in the Lead Cascade License Application.	5/17/2006	No	LA Chapter 2 LA Chapter 5	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0019	0	Title: Evaluation of the Department of Energy Moving Real Time Radiography Unit Description of Change: Determine the impact on the Lead Cascade of the Department of Energy (DOE) moving the Real Time Radiography (RTR) unit into the southeast corner of the X-7725 Building. Reason for the Change: Movement of the RTR unit closer (Portsmouth Gaseous Diffusion Plant X-7725) to where DOE/subcontractor will be performing RTR inspection of waste containers.	1/5/2006	No	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0020	0	Title: Integrated System Test Plan for Machine Mount System Description of Change: Verify that the machine mount system's ability to allow water to drain out of the floor module is functioning properly. In addition, it verifies that the technique to plumb a machine being set in place is within design specification. Reason for the Change: To ensure work performed in the X-3001 is in accordance with test plan ISTEP-2101-0002, X-3001 Integrated System Test Plan for Machine Mount System.	1/5/2006	No	ISTP-2101-0002	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NEC Preapproval Not Required/Comments
FCE 06-0021	0	Title: Design, Construction, Operation, and Testing of the Dump Cart Description of Change: Clarify that the dump cart cylinder may contain depleted UF6 material. Provide three dump carts for the Lead Cascade. Clarify that the dump cart cylinder may contain depleted material. Clarify that soda lime may be used with alumina. Change to correctly identify the dump cart control transformer. Delete the reference to "thumbwheel-operated" when describing the digital setpoint controllers. Reason for the Change: The changes are a result of the design activities associated with ESO-2204-0001 and Test Plan TP-2204-0002.	4/11/2006	Yes	AC2-EG-017 LA Chapter 1 LA Chapter 9 ISA/ISA Summary Environmental Report	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0031	0	Title: Revision to procedure AC4-OP-005, Lead Cascade Instrument Air Operations. Description of Change: Change to correct Step 7.2.3 to add an "s" to the word "valve"; change Section 7.3 heading from "Shifting" to "Replacing"; update Appendix A to include valves added to the Engineering Drawing and place additional valves on the valve lineup in a logical sequence; and update Section 11.1.1 drawing number changes. Reason for the Change: Revise procedure AC4-OP-005 to correctly reflect operation of the X-3001 Instrument Air System.	1/16/2006	No	AC4-OP-005 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0033	0	Title: 3/6 Rigid Mast Crane Adjustment Description of Change: Adjustment of the 3/6 rigid mast crane due to clearance concerns with the clamps and the new machines. Reason for the Change: 3/6 rigid mast crane adjustments needed to resolve clearance issues with clamps.	1/9/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0033	1	Title: 3/6 Rigid Mast Crane Adjustments/Modifications Description of Change: Adjustment of the 3/6 rigid mast crane and modifications to correct operational concerns. Incorporate the modifications, such as C-level limits, activation of load cells, modify the keepers, and evaluate and modify the hydraulic system for the clamps. Reason for the Change: 3/6 rigid mast crane adjustments/modifications needed to resolve operational concerns.	2/9/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0034	0	Title: Revision to procedure AC2-QM-107, Material Condition Report Program. Description of Change: Procedure change to discuss the processing of deficiencies identified by activities other than Quality Assurance and Quality Control. Reason for the Change: Revision to this procedure is needed as other organizations identify and need to process deficiencies other than Quality Assurance and Quality Control.	2/1/2006	No	AC2-QM-107 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0038	0	Title: Unanalyzed Use and Removal of a X-3001 Machine Cooling Water System - Temporary Drain Line Description of Change: Evaluates the impact to the Lead Cascade Licensing documents of turnover of the Machine Cooling Water (MCW) system to Operations with the temporary drain line installed, operational testing completed, and the subsequent removal of the line. Reason for the Change: Contrary to the commitments made in the Test Plan, the MCW system was turned over to Operations with the temporary drain line installed. The temporary drain line was used during operational testing of the MCW system. After turnover to Operations and operational testing, the temporary drain line was removed without evaluation. Turnover of the MCW system to Operations with the temporary drain line installed, operational testing, and the subsequent removal of the line were not evaluated for impact on the Lead Cascade Licensing Documents or the X-3001 Authorization Basis.	1/20/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0040	0	Title: Revision to procedure AC4-OP-001, Purge Vacuum Normal Operating Procedure. Description of Change: Editorial changes and clarifications added in Sections 7.10 and 7.11 to allow Purge Vacuum pumps to be shut down for complete Purge Vacuum System shutdown. Reason for the Change: Revise procedure AC4-OP-001 to clarify procedure and add a step to allow Purge Vacuum pumps to be shut down for complete Purge Vacuum System shutdown.	1/23/2006	No	AC4-OP-001 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0043	0	Title: Revision to Procedure AC4-OP-001, Purge Vacuum Normal Operating Procedure Description of Change: Minor editorial changes made to simplify the procedure, such as changing valve position requirements for purge and seal air flow during pump operations, and the inclusion of operations of the cooling air purge. Reason for the Change: This change was necessary to operate the Purge Vacuum system and included editorial changes and changes required to regulate the purge flow to the seals, the chamber, and the screws.	7/28/2006	No	AC4-OP-001 Ch. 5	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0049	0	Title: Revision to procedure AC2-RG-051, Electrical Safety Guidelines Description of Change: Provides guidance to ensure a safe work environment by protecting American Centrifuge Program personnel and contractors from electrical shock and other physical hazards. Implements Occupational Safety and Health Administration requirements in 29 Code of Federal Regulations 1910, consistent with National Fire Protection Association standards. Reason for the Change: Clarify personal protection requirements consistent with NFPA 70E requirements.	2/17/2006	No	AC2-RG-051 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0050	0	Title: Revision to procedure AC3-EG-406, IROFS Boundary Documentation Description of Change: Simplify the definition of Quality Levels, clarify technical review processing, correct Attachment C, and change Manager Engineering to Engineering Manager. Reason for the Change: Simplify the definition of Quality Levels, clarify technical review processing, and change Manager Engineering to Engineering Manager to be consistent with License Application Chapter 2.	1/18/2006	No	AC3-EG-406 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0052	0	Title: LA-2605-0001 License Application for the American Centrifuge Lead Cascade Facility Change Description of Change: Revise Sections 6.2.2.2 and 11.3 to remove reliance on the Portsmouth Gaseous Diffusion Plant (PORTS) Training Organization. In addition, revise Section 11.3 to remove PORTS Radiation Protection Manager for Radiation Protection training program review and approval at the Lead Cascade. Reason for the Change: The change assigns overall responsibility for training program services and Radiation Protection training to the Lead Cascade Training Organization. In addition, review and approval of Radiation Worker Training content is assigned to the Lead Cascade Radiation Protection Manager.	2/24/2006	No	LA Chapter 6 LA Chapter 11 AC2-TP-002	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0053	0	Title: Revision to procedure AC2-EG-019, Lift Plans Description of Change: Establishes the requirements for the development and use of lift plans of hoisting and rigging activities, and the considerations required for safe hoisting and rigging activities. Reason for the Change: Provide the requirements for hoisting and rigging.	1/30/2006	No	AC2-EG-019 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Nct Required/Cmments
FCE 06-0054	0	Title: Periodic Update of the Lead Cascade Decommissioning Funding Plan Estimate and Associated Licensing Documents Description of Change: Change the Decommissioning Funding Plan (DFP) and associated licensing documents to reflect the periodic update to CY06 dollar cost. Reason for the Change: Addresses changes to the DFP estimate and associated licensing documents to reflect the periodic update to CY06 dollar costs associated with the requirements of 10 Code of Federal Regulations 70.25(e) as committed to in Lead Cascade License Chapter 10.	1/31/2006	No	DFP LA Chapter 10	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0055	0	Title: Revision to procedure AC3-EG-407, Test Plans Description of Change: Change Modification Change Record (MCR) to Engineering Change Record (ECR), add guidance on the installation and removal/restoration of items needed to facilitate testing, and replace "Operability Evaluation" with "verify the availability or reliability of an IROFS." Reason for the Change: Clarify test plan requirements.	1/26/2006	No	AC3-EG-407 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0056	0	Title: Revision to procedure AC2-EG-003, Nuclear and Commercial Modification Controls Description of Change: Change Modification Change Record (MCR) to Engineering Change Record (ECR). Reason for the Change: To consistently identify the term for change records throughout procedures.	1/26/2006	No	AC2-EG-003 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0057	0	Title: Revision to procedure AC2-RG-057, Instructions for Safety and Health Work Permit Description of Change: Provide new instructions for the Safety and Health Work Permit (Form AC-129) and move it from a quality record to a non-quality record. Reason for the Change: Change Form AC-129 from a quality record to a non-quality record, since the record is not considered a QL-1 or QL-2 record. Clarify instructions for the Safety and Health Work Permit.	2/17/2006	No	AC2-RG-057 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0059	0	Title: Change to the License Application and Integrated Safety Analysis Summary for the American Centrifuge Lead Cascade Facility Description of Change: Correct inconsistency between the Integrated Safety Analysis (ISA)/ISA Summary and the Lead Cascade License Application Chapter 1 with regard to the allowable system pressure and moisture in the instrument air system. Identify the instrument air specifications as moisture content - equal to or less than 0 degrees F dew point, oil content - 0.05 ppm, particulate matter - less than or equal to 10 microns, and pressure - nominally 100 to 110 psig. Reason for the Change: Provide correct and consistent specifications for the Lead Cascade instrument air system regarding system pressure and moisture content and elimination of oil content and particulate size.	3/10/2006	No	LA Chapter 1 ISA/ISA Summary	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0062	0	Title: Revision to Procedure AC4-ON-003, Purge Vacuum System Leak Checking Description of Change: Add section for leak checking the Purge Vacuum pumps, and correct typographical errors. Reason for the Change: This change is required due to the inability to leak check the Purge Vacuum System pumps with the current procedure.	2/21/2006	No	AC4-ON-003 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0065	0	Title: Use of Copper VCR Gaskets as a Substitute for Aluminum Gaskets Description of Change: Use of copper gaskets as a substitute for aluminum gaskets for sealing VCR fittings. Reason for the Change: To allow either copper gaskets or aluminum gaskets to be used for sealing VCR fitting.	2/3/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0067	0	Title: Revision to procedure AC4-OP-002, Evacuation Vacuum Normal Operating Procedure Description of Change: Add steps in Sections 7.11 and 7.12 to allow Evacuation Vacuum pumps to be shutdown for complete system shutdown. Change the order of steps for Sections 7.11, 7.12, and 7.13 to close instrument isolation valves just prior to header pressurization. Add valves numbers for clarifications. Change drive end and non-drive end seal air pressure and flow rates per Engineering Reason for the Change: Clarify how Evacuation Vacuum system needs to be operated.	4/10/2006	No	AC4-OP-002 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 06-0071	0	Title: Miscellaneous Lighting Modifications Description of Change: ESO-2101-0012, Emergency Egress Lighting in X-3001 Stairwells: Identify a replacement light fixture for single-bulb, 4 ft. fluorescent fixtures that provide both normal and essential lighting. ESO-2101-0013, Emergency Egress/Exit Lighting: Determine the correct equivalency substitution for the Egress Lights. ESO-2303-0003, Lighting Over Sealed Doors: Installation of outdoor lighting over three sealed doors located in the X-7726 and X-7727. Reason for the Change: Lighting modifications to be compliant with emergency egress lighting requirements.	2/13/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0072	0	Title: Revision to procedure AC2-EG-005, Preparation of Statements of Work (SOW) for Services Description of Change: Add hoisting and rigging equipment to QL-3A equipment listed in Attachment B, add the Project Number and Title requirements to the signature page for Attachments C through J, and correct format errors. Reason for the Change: Clarify and correct errors in the procedure.	2/9/2006	No	AC2-EG-005 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0073	0	Title: Revision to procedure AC2-EG-012, Construction and Installation Management Description of Change: Eliminate the requirements contained in AC2-EG-003, delete the Master Construction/Contractor Checklist (Form AC-208), create new Post Installation Walkdown Checklist (Form AC-26), and correct format errors. Reason for the Change: Clarify the process for managing modification construction and/or installation activities.	2/9/2006	No	AC2-EG-012 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0075	0	Title: Revision to procedure AC2-EG-011, Control of Suppliers of Service Contractors Description of Change: Delete the requirements for suppliers to use USEC Inc. work packages, and change the reference from welding program to Engineering discipline. Reason for the Change: Clarify the requirements for control of suppliers of services contractors.	2/17/2006	No	AC2-EG-011 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0076	0	Title: Revision to procedure AC4-OP-023, Machine Transport and Installation Description of Change: Modify Sections 7.11 and 7.12 to allow for the use of digital or analog amplifiers. Reason for the Change: Actions were added to allow the use of digital or analog amplifiers.	2/20/2006	No	AC4-OP-023 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0077	0	Title: Revision to procedure AC2-RG-065, Personal Protective Equipment Description of Change: Add clarification to protective equipment use and requirements as described in general requirements. Add the Visitor Log (Form AC-333) and the requirements for visitors in the procedure details to clarify compliance with 29 Code of Federal Regulations 1910.132(f)(4), Personal Protective Equipment. Reason for the Change: Clarify protective equipment, add Visitor Log (Form AC-333) and the requirements for visitors	3/23/2006	No	AC2-RG-065 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0079	0	Title: Revision to procedure AC2-RG-044, Nuclear Regulatory Event Reporting Description of Change: Remove the requirements for performing Incident of Security Concern (IOSC) investigations and reporting to the Department of Energy. Change the reporting time from one hour to four hours for lost, stolen, or missing licensed material in Appendix B to incorporate Nuclear Regulatory Commission (NRC) recommendations in NRC Regulatory Issue Summary (RIS) 2005-21, Clarification of the Reporting Requirements in 10 Code of Federal Regulations 20.2201. Reason for the Change: Removed IOSC investigations from AC2-RG-044 as the requirements are contained in AC2-SP-028. Modified Appendix B to incorporate recommendations from NRC RIS 2005-21.	3/15/2006	No	AC2-RG-044 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0080	0	Title: Revision to procedure AC4-OP-026, Machine Connections Leak Checking Description of Change: Raise the acceptable leak rate criteria of the centrifuge machine. Reason for the Change: This change raises the acceptable leak rate criteria to be consistent with K/D-5271/V2-1A, Process Building and Process Support Building Technical Manual, Volume 2.	3/8/2006	No	AC4-OP-026 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0082	0	Title: Incorporate Alternate Method to Fund the Lead Cascade Decommissioning Liability Description of Change: Changes to incorporate an alternate method to fund the Lead Cascade decommissioning liability, editorial changes, and corrections to agree with previously approved changes. Reason for the Change: Provide an alternate method of funding for decommissioning.	3/10/2006	No	LA Chapter 10 DFP Environmental Report	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0083	0	Title: Change the QL-2 Definition and Responsibilities Description of Change: The deletion of "the process for control of documents, and the process for storage of records" in Section 1 is the responsibility of the Project Support Manager instead of the Training Manager. This is identified in Chapter 2 of the License Application and is not needed in the Quality Assurance Program Description. Change the title of Nuclear Safety and Quality Manager to Quality Assurance (QA) Manager in Section 2 to identify the USEC Inc. Gas Centrifuge QA Manager instead of the USEC Gaseous Diffusion Plant Quality Manager. Reason for the Change: Change to the QL-2 definition to provide a definition that is consistent with the QL-2 definition for the Commercial Plant to allow for a smooth transition from the Lead Cascade to the Commercial Plant.	5/5/2006	No	LA Chapter 11 QAPD ISA/ISA Summary	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0086	0	Title: Revision to procedure AC4-OP-001, Purge Vacuum Normal Operating Procedure Description of Change: Delete pump seal air flow, change pump flushing purge air pressure per ECR-2101-0002-027 Revision 0, and add valve numbers for clarifications of operations. Reason for the Change: Clarify the requirements to operate the Purge Vacuum System.	3/7/2006	No	AC4-OP-001 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0087	0	Title: USEC Facility Response Plan Description of Change: A USEC Facility Response Plan (FRP) was written to document existing onsite resources and plans for responding to an oil spill in accordance with federal regulations. Reason for the Change: The FRP has been required by the United States Environmental Protection Agency to identify drinking water supplies and certain other natural resources that may be vulnerable to harm from an oil spill at Portsmouth Gaseous Diffusion Plant (PORTS), to document the planned USEC response to such an oil spill, and to identify the resources to carry out that response. The PORTS FRP is largely a summarization of the previously approved PORTS Spill Prevention, Control and Countermeasures Plan and both these plans include LC areas and facilities. The FRP is written to be consistent with the existing authorization basis.	3/17/2006	No	USEC Facility Response Plan	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0089	0	Title: Design, Construction, and Use of Sample Tubes for the Sample Cart Description of Change: Evaluate the changes for the design, construction, and use of sample tube for the Sample Cart. Reason for the Change: The changes are a result of the design activities associated with ESO-2204-0002 and ECR-2204-0002-002.	5/17/2006	Yes	ISA/ISA Summary	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0090	0	Title: Revision to procedure AC4-OP-019, Operation of the Rigid Mast Crane Description of Change: Delete Sections 7.5.9.C and 7.5.9.D, and add steps to manually lower the centrifuge and pendant cable. Reason for the Change: Enhancements were made to the existing procedure after using the existing procedure and noting areas where improvements that needed to be made.	3/20/2006	No	AC4-OP-019 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0092	0	Title: Revision to procedure AC2-TP-001, Procedure Process Description of Change: Obsolete attachments removed from procedure, training methodology modified, and other minor enhancements were made. Reason for the Change: Clarify procedure process.	3/20/2006	No	AC2-TP-001 Ch. 5	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0093	0	Title: Revision to procedure AC2-TP-003, Required Reading/On-Shift Training Program Description of Change: Modified procedure to supplement training methodology, and strengthened the Required Reading and On Shift Training Program. Reason for the Change: Clarify training and required reading requirements.	3/20/2006	No	AC2-TP-003 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0094	0	Title: Revision to procedure AC2-TP-002, Training Program Description of Change: Remove dependency on Portsmouth Gaseous Diffusion Plant Training/Radiation Protection Manager, add items relied on for safety (IROFS) Surveillance Requirements from the Integrated Safety Analysis (including appropriate references), delete the acronym "SAT", and delete reference to task when discussing needs/job/task analyses to align with the License Application. Reason for the Change: Implement changes made due to previously approved License Application change and clarified training requirements.	3/23/2006	No	AC2-TP-002 Ch. 5	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0098	0	Title: Evaluation of Test Plan Requirements for X-7726 Vacuum System Modification and Column Assembly Calibration and Miscellaneous Functional Tests Description of Change: Implement/execute test plans/integrated systems test plans required for the X-7726 facility. Change the description in the Integrated Safety Analysis (ISA)/ISA Summary, Centrifuge Test and Training Facility description indicating "Gross leak/vacuum testing" is performed instead of "Gross leak testing" of centrifuges. Change a description in the ISA/ISA Summary to indicate lasers are used in "machine assembly" activities and delete the previous reference to lasers only being used for "temporary casing alignment". Reason for the Change: Correctly describe how USEC will test equipment in the X-7726, and the use of lasers.	4/7/2006	No	LA Chapter 1 ISA/ISA Summary	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0099	0	Title: Revision to procedure AC2-EG-007, ISA Change Process Description of Change: Revise Form AC-87 to require a unique identifier for each Integrated Safety Analysis (ISA) Change Record. Indicate that the ISA Team Chair is responsible for documenting the basis for each change to the ISA. Required the creation and maintenance of an ISA Change Journal. Allow the use of ad-hoc team members. Correct format errors. Reason for the Change: Correct procedure to agree with the Lead Cascade License Application, Sections 11.1 and 11.7, and the Quality Assurance Program Description, Section 6.	3/23/2006	No	AC2-EG-007 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0100	0	Title: Revision to procedure AC2-RG-041, Actions to be Taken During a UF6 or Other Hazardous Materials Release Description of Change: Incorporate the requirement to perform a monthly items relied on for safety (IROFS) Surveillance (ISA 7.3.9.1). Reason for the Change: Revision required to include IROFS Surveillance requirement.	3/23/2006	No	AC2-RG-041 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0102	0	Title: Revision to procedure AC2-RG-068, Waste Management Description of Change: Define the requirements and responsibilities for the management of waste generated by the American Centrifuge Lead Cascade. Reason for the Change: Provide clarification that the waste generator submits a Request for Disposal to Waste Management for processing.	3/28/2006	No	AC2-RG-068 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0103	0	Title: Revision to procedure AC4-OP-004, MCW Deionizer Operations Description of Change: Change Sections 7.2.1 and 7.2.2 to ensure Section 7.1 is completed prior to water transfer, correct typographical errors in the procedure, and update the drawing in Appendix A. Reason for the Change: Correct errors in the procedure.	4/4/2006	No	AC4-OP-004 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0106	0	Title: Revision to procedure AC4-ON-003, Purge Vacuum System Leak Checking Description of Change: Change the connection point for the helium Leak Detector to the discharge side of the pump vice the suction side of the pump. Reason for the Change: Correctly describe Leak Checking Purge Vacuum System.	5/10/2006	No	AC4-ON-003 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0108	0	Title: Revision to procedure AC4-OP-006, MCW Chemical Addition Description of Change: Add or correct valve numbers, update Appendix A, and add Appendix C, Machine Cooling Water (MCW) Chemical Addition Log (Form AC-342). Reason for the Change: Required to allow adding treatment chemicals to the MCW System.	4/3/2006	No	AC4-OP-006 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 06-0114	0	Title: Revision to procedure AC4-OP-001, Purge Vacuum Normal Operating Procedure. Description of Change: Add tables of isolation and test connections valve for Secondary Isolation System (SIS) and Machine Isolation System (MIS) for clarifications of operation. Change drive end and non-drive end seal air pressure and flow rates per Engineering. Include steps and caution notes to ensure the Emergency stop button is depressed prior to shutting the Purge Vacuum (PV) pump supply power breaker and after opening the PV pump supply breaker. Reason for the Change: Correctly describe operating the PV System.	5/11/2006	No	AC4-OP-001 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0117	0	Title: Revision to procedure AC4-OP-002, Evacuation Vacuum Normal Operating Procedure Description of Change: Include steps and caution notes to ensure the Emergency STOP button is depressed prior to shutting the Evacuation Vacuum (EV) pump supply power breaker and after opening the EV pump supply breaker. Change procedure to have instrument air valved off during pump operation. Reason for the Change: Correctly describe operating the EV system.	5/9/2006	No	AC4-OP-002 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0119	0	Title: Revision to procedure AC2-EG-002, Configuration Management Program Description Description of Change: Add a note after Step 4.1.2 to provide clarification and general guidance for evaluating and reporting configuration deficiencies. Add a step to Sheet 1 of the Flow Diagram in Appendix A for "Stop, Think, Ask, Act and Review" (STAAR) as part of the evaluation process for configuration discrepancies. Add Step B1 in Appendix B to provide clarification and guidance for asking the right types of questions when applying the STAAR process to the evaluation of configuration discrepancies. Reason for the Change: Add additional information for clarification and to provide guidance for evaluating configuration discrepancies.	4/10/2006	No	AC2-EG-002 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0121	0	Title: Revision to procedure AC2-FO-001, Conduct of Operations Description of Change: Add Section F, Combustible Materials, to Section 4.1.9 in order to strengthen defense-in-depth of Integrated Safety Analysis credited combustible materials control. Reason for the Change: Change to strengthen defense-in-depth of Integrated Safety Analysis credited combustible materials control.	4/18/2006	No	AC2-FO-001 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 06-0122	0	Title: Revision to procedure AC2-EG-017, IROFS Surveillance Description of Change: Implement a grace period, consistent with Nuclear Regulatory Commission (NRC) guidelines, for items relied on for safety (IROFS) Surveillances. Remove the requirement that IROFS Surveillance have to be performed on inoperable equipment. Add a requirement to notify the Lead Cascade Shift Supervisor if a surveillance has not been performed within its specified frequency. Incorporate Integrated Safety Analysis changes on Surveillances IS-001, IS-002, IS-012, IS-018, and IS-021. Reason for the Change: Add grace period and incorporate surveillance evaluation changes.	4/10/2006	No	AC2-EG-017 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0125	0	Title: Revision to procedure AC3-QM-001, Quality Assurance Internal Oversight Program Description of Change: Add the requirement to audit the Fundamental Nuclear Materials Control Plan (FNMCP) every three years to Appendix C. This audit requirement is specified in Section 3.6 of the FNMCP for the American Centrifuge Lead Cascade Facility. Correct referenced License Application Section number under Section 6.3, Commitments. Reason for the Change: To align the procedure with the requirements of Section 3.6 of the FNMCP.	4/25/2006	No	AC3-QM-001 Ch. 6	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0126	0	Title: Installation and Modification of the Heating, Ventilation, and Air Conditioning Unit in the X-3012 Building, Old Mass Spec Room Description of Change: Replacement of the Heating, Ventilation, and Air Conditioning (HVAC) unit in the X-3012, installation and modification to the HVAC system in the X-3012 Old Mass Spec Room. Reason for the Change: Replacement of the HVAC system.	4/13/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0127	0	Title: Revision of Lead Cascade License Application Section 11.4 to restructure the listed elements of the procedure process to align with the actual procedure process. Description of Change: Revise License Application Section 11.4 to procedure process. Reason for the Change: Section 11.4 of the Lead Cascade License Application is being restructured to align the listed elements of the procedure process with the actual procedure process as outlined in AC2-TP-001, Procedure Process.	4/21/2006	No	LA Chapter 11	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 06-0128	0	Title: Revision to procedure AC2-RG-068, Waste Management Description of Change: Define the requirements and responsibilities for the management of waste generated by the American Centrifuge Lead Cascade. Add reference to procedure AC2-RG-071, Nuclear Material Control and Accountability (NMC&A) for the American Centrifuge Lead Cascade, and OAC 3745-273, Management Standards for Universal Waste. Clarify the documentation to be attached to the Request for Disposal. Reason for the Change: Clarify requirements and responsibilities for control of waste.	4/18/2006	No	AC2-RG-068 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0129	0	Title: NR-2605-0002 Security Program Change Description of Change: Revision to incorporate descriptive changes to security features at the Lead Cascade, in addition to administrative changes. Reason for the Change: Based on internal reviews and assessments, the Security Program is being revised to incorporate administrative changes and to clarify the content of the Security Program. The changes will make the Security Program consistent with the requirements of 10 CFR 70.32 and 10 CFR 95.29(b)(6) and better define Security Program and Security personnel reporting requirements.	5/31/2006	No	LA Chapter 1 Security Program AC2-SP-028	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0130	0	Title: Revision to procedure AC2-RG-014, Hazard Communication Program Description of Change: Revise procedure to put in Lead Cascade format, correct typographical error identified during the Internal Readiness Review, clarify responsibilities (i.e., Lead Cascade Shift Supervisors versus Plant Shift Superintendent), and clarify procedure to easily move toward Occupational Safety and Health Administration compliance with new Hexavalent Chromium (CrVI) standard. Reason for the Change: Updated to Lead Cascade format, positions, and minor changes for CrVI.	4/18/2006	No	AC2-RG-014 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0132	0	Title: Revision to procedure AC2-RG-004, Corrective Action Process Description of Change: Incorporate clarifications that were deemed necessary from a Significant Condition Adverse to Quality (SCAQ) investigation stemming from a Quality Assurance Audit that determined the Corrective Actions program was inadequate. Reason for the Change: To clarify the process as determined by SCAQ Investigation.	4/20/2006	No	AC2-RG-004 Ch. 4	No	

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FCE 06-0134	0	Title: Revision to procedure AC2-MA-002, Work Control Process Description of Change: Clarification of personnel responsibilities and changes to agree with other procedures. Reason for the Change: Clarify procedure requirements.	4/21/2006	No	AC2-MA-002 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0135	0	Title: Revision to procedure AC4-PM-001, Crane and Hoist Preventive Maintenance Description of Change: Change to combine all crane preventive maintenance activities into one procedure, which includes the UF6 Cylinder Handling crane frequent maintenance requirements. Remove redundant procedural steps contained on Preventive Maintenance checklists. Update existing requirements with American Society of Mechanical Engineering standards and manufacturer's recommendations. Reason for the Change: Enhance the implementation of the original procedure requirements.	4/21/2006	No	AC4-PM-001 Ch. 1 AC4-PM-002	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0136	0	Title: Revision to procedure AC2-RG-010, Radiological Work Permit Description of Change: Incorporate guidance for Health Physics-Industrial Hygiene technicians to determine personal protective equipment requirements to protect personnel from contamination and/or hydrogen fluoride. Reason for the Change: Clarify radiological work permit process.	4/21/2006	No	AC2-RG-010 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0137	0	Title: Revision to procedure AC4-PM-001, Crane and Hoist Preventive Maintenance Description of Change: Cancel AC4-PM-002, Rigid Mast Crane Preventive Maintenance, since procedure AC4-PM-001, Crane and Hoist Preventive Maintenance, contains preventive maintenance actions. Reason for the Change: Cancellation of AC4-PM-002, Rigid Mast Crane Preventive Maintenance (combined with AC4-PM-001).	4/21/2006	No	AC4-PM-002 AC4-PM-001 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0138	0	Title: Lead Cascade License Application Change to Chapters 2.0 and 5.0 Description of Change: Reassign the responsibilities of the Nuclear Safety/Nuclear Criticality Safety Engineering Manager to the Engineering Manager (or designee) and clarify requirements. Reason for the Change: Change in organizational responsibilities.	7/14/2006	No	LA Chapter 2 LA Chapter 5 AC2-EG-010 Ch. 1 AC3-EG-201 Ch. 1 AC2-MP-002 AC2-QM-001	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 06-0139	0	Title: Revision to procedure AC2-RG-034, Carcinogen Control Description of Change: Create Form AC-346, clarify responsibilities, and clarify procedure to easily move toward Occupational Safety and Health Administration compliance with new Hexavalent Chromium (CrVI) standard. Reason for the Change: Correct procedure format and make consistent with the Gaseous Diffusion Plant for CrVI implementation.	4/25/2006	No	AC2-RG-034 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0140	0	Title: Revision to procedure AC2-QM-104, Inspection of Lead Cascade Rigging and Handling Equipment Description of Change: Provide instructions for inspecting Industrial Forklifts. Replace purchase of new equipment to receipt of equipment, and receiving inspection to initial inspection. Reason for the Change: Clarify procedure requirements.	5/2/2006	No	AC2-QM-104 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0143	0	Title: Revision to procedure AC3-EG-201, Equivalency/Substitution Evaluations Description of Change: Change procedure format. Change Functional Equivalent Substitution (FES) Evaluation to Equivalency/Substitution Evaluation (S/SE) in the title, on forms, and throughout procedure. Change Request for Engineering Services (RES) to Engineering Service Order (ESO) on forms and throughout procedure, and editorial changes. Reason for the Change: Clarify procedure requirements.	4/27/2006	No	AC3-EG-201 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0144	0	Title: Revision to procedure AC3-EG-204, Engineering Calculation Controls Description of Change: Change procedure format, change Request for Engineering Services (RES) to Engineering Service Order (ESO) on the Form AC-73, and editorial changes. Reason for the Change: Clarify procedure requirements.	5/2/2006	No	AC3-EG-204 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0145	0	Title: Revision to procedure AC3-EG-103, Engineering Software Controls Description of Change: Change procedure format. Change Modification Change Record (MCR) to Engineering Change Record (ECR) and Request for Engineering Services (RES) to Engineering Service Order (ESO). Simplify the definition of quality levels, add applicable American Society of Mechanical Engineering (ASME) NQA-1 sections to Source References, and editorial changes. Reason for the Change: Clarify procedure requirements.	5/4/2006	No	AC3-EG-103 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 06-0147	0	Title: Revision to procedure AC2-RG-044, Nuclear Regulatory Event Reporting Description of Change: Change Section 4.5.1 and Appendix D to clarify 10 Code of Federal Regulations (CFR) 50 c(2) requirements. Reason for the Change: During Nuclear Regulatory Commission (NRC) Operational Readiness Review, the NRC inspector identified that the Event Reporting procedure AC2-RG-044, was not clear on how it met the requirements of 10 CFR 70.50(c)(2) "written reports". Based on this concern, AC2-RG-044 was changed to clarify 10 CFR 50(c)(2) requirements.	5/2/2006	No	AC2-RG-044 Ch. 4	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0148	0	Title: LC1a Centrifuge Machine Design Description of Change: Evaluate changes identified on Engineering Change Request made after November 2005 to the design of the first centrifuge machines expected to be deployed for the Lead Cascade. Reason for the Change: Changes made due to design changes.	5/9/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0148	1	Title: LC1 a Centrifuge Machine Design - Additional Engineering Changes Requests Description of Change: Additional Engineering Change Requests (ECRs) were identified that changes the design of centrifuge machines. Reason for the Change: Additional design changes were identified.	6/29/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0149	0	Title: Revision to procedure AC2-RG-062, Powered Industrial Trucks Description of Change: Change procedure format and provide clarity in obtaining Engineering and/or manufactures approval for using forklift attachments. Reason for the Change: Establishes the requirements and responsibilities for meeting applicable codes, standards, and regulations providing safe operation, training, and design of powered industrial trucks.	5/23/2006	No	AC2-RG-062 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0152	0	Title: Revision to procedure AC4-OP-028, Transport of 12B UF6 Cylinders within the Process Building Description of Change: Clarify references to items relied on for safety surveillance requirements, and add a checklist for loading and unloading a cylinder. Reason for the Change: Required to transport UF6 cylinders within the Process Building.	5/10/2006	No	AC4-OP-028 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 06-0153	0	Title: Revision to procedure AC2-AR-002, Machine Cooling Water Alarms and Responses Description of Change: Change to update pressure and flow rate values. Reason for the Change: This change is required due to updates in the pressures, flow rates, and temperatures of the Machine Cooling Water System.	6/12/2006	No	AC4-AR-002 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0154	0	Title: Revision to procedure AC4-AR-005, Instrument Air and Vent Monitoring Alarms and Responses Description of Change: Add alarm and response procedures for the Lead Cascade Vent Monitor. The vent monitor alarms and responses are being incorporated into the Instrument Air alarm and response procedure. Reason for the Change: Clarify alarm response requirements.	6/6/2006	No	AC4-AR-005 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0158	0	Title: Modification and Testing of the X-3001 Battery Room Ventilation System Description of Change: Install and test the X-3001 Battery Room Ventilation System. Reason for the Change: The change is required to effectively ventilate the battery room to safely operate the Uninterruptible Power Supply and Station Batteries.	5/15/2006	Yes	TP-2101-0018	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0158	1	Title: Modification and Testing of the X-3001 Battery Room Ventilation System Description of Change: Install and test the X-3001 Battery Room Ventilation System. Reason for the Change: The change is required to effectively ventilate the battery room to safely operate the Uninterruptible Power Supply and Station Batteries. The revision to the Facility Change Evaluation was to add installation of fall-protection railing on the roof of the battery room.	5/24/2006	Yes	TP-2101-0018	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0158	2	Title: Modifications and Testing of the X-3001 Battery Room Ventilation System and Changes to AC4-OP-013 Description of Change: Install and test the X-3001 Battery Room Ventilation System. Incorporate the operation of the forced air ventilation and the hydrogen detectors. Reason for the Change: The change is required to effectively ventilate the battery room to safely operate the Uninterruptible Power Supply and Station Batteries. Included procedure requirements to operate the forced air ventilation and hydrogen detectors.	6/23/2006	Yes	TP-2101-0018 AC4-OP-013 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0159	0	Title: Nuclear Criticality Safety Approval/Evaluation LC-001 Update Description of Change: Clarify that maintenance operations are within the scope of the Nuclear Criticality Safety Approval and Evaluation (NCSA/E) for the Lead Cascade. Reason for the Change: Clarify maintenance operations are within NCSA/E.	5/11/2006	No	NCSA/E LC-001	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0162	0	Title: Replace outdated reference in LC LA Section 11.7.1.14 and 11.7.2.12 Description of Change: Replace Portsmouth Gaseous Diffusion Plant (PORTS GDP) Security and Information Systems requirements with Lead Cascade (LC) Security and Information Technology (IT) requirements. Update references to the "PORTS Computing and Telecommunications Security Manual". Replace references to "Information Systems procedures" since the Information Services function has been replaced by Corporate and LC Information Technology organizations. Reason for the Change: Clarify Lead Cascade Security and Information Technology requirements.	6/9/2006	No	LA Chapter 11	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0165	0	Title: Revise Operational Procedure for Vent Samplers Equipped with Radiation Monitors to include Safety Analysis Report (SAR) stamp and revise Figure 3. Description of Change: Revise Portsmouth Gaseous Diffusion Plant (PORTS) procedure XP4-TS-CY6413 with a SAR stamp and Figure 3 to include vent monitor schematic. Reason for the Change: PORTS procedure XP4-TS-CY6413, Operational Procedure for Vent Samplers Equipped with Radiation Monitors, establishes guidelines and requirements for the operation of continuous vent stack samplers equipped with a radiation monitor, the periodic removal of sampler system traps and the subsampling of the alumina in the traps, and laboratory analysis for use in the Lead Cascade. The change involved revision of Figure 3 to include a typical vent monitor schematic based on as built drawings and a SAR Stamp for the Lead Cascade.	5/18/2006	No	XP4-TS-CY6413 Ch. A	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0166	0	Title: Change to Lead Cascade License Application Section 11.3.7. Description of Change: Revise Section 11.3.7 of the Lead Cascade License Application to remove reliance on the Portsmouth Gaseous Diffusion Plant Nuclear Criticality Safety (NCS) technical staff. Revise Section 11.3.7 to change the word "anomalous" to "off-normal" and to change "Plant Shift Superintendent (PSS)" to "responsible manager of the operation or the Operations and Maintenance Manager," to comply with NCS Program and Integrated Safety Analysis requirements. Reason for the Change: Clarify organizational requirements.	6/9/2006	No	LA Chapter 11 AC2-TP-002	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 06-0168	0	Title: Revision to procedure AC3-QM-104, ACP Elevator Inspection Description of Change: Delete Quality Control Manager signature from the Elevator and Test Inspection Record. Reason for the Change: Clarify procedure expectations.	5/25/2006	No	AC3-QM-104 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0169	0	Title: Revision to procedure AC2-TP-004, Use of Procedures Description of Change: Change verbiage concerning the expectations for using In-Hand, Reference Use, and Information Use category procedures that was inadequate and caused confusion among procedure users. Reason for the Change: Clarify procedure use expectations.	6/7/2006		AC2-TP-004 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0170	0	Title: Revision to procedure AC4-RG-002, Operation of High Volume Air Samplers Description of Change: Change to Lead Cascade procedure format, and change the requirement to use grease on planchet rather than tape residue, due to Gaseous Diffusion Plant (GDP) Health Physics evaluation that could not confirm original evaluation of a 50 percent collection efficiency for tape. Reason for the Change: Change collection media due to revision of GDP procedure and put into correct format.	5/30/2006	No	AC4-RG-002 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0172	0	Title: Operational Procedure for Vent Samplers Equipped with Radiation Monitors, Rev. 3. Add 9.0 to Lead Cascade (LC) Flowdown commitment stamp in Gaseous Diffusion Plant procedure XP4-TS-CY6413 Description of Change: Add "9.0" to the "LC" flowdown Safety Analysis Report Stamp for the Lead Cascade. Reason for the Change: Clarify flowdown requirement.	5/30/2006	No	XP4-TS-CY6413 Ch. B	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0173	0	Title: Nuclear Accident Dosimetry Description of Change: Add the link to Lead Cascade Section 4.7.2 to the flowdown Safety Analysis Report Stamp in two places. Reason for the Change: Identify Lead Cascade requirement.	5/30/2006	No	XP4-HP-DS-7107 Rev. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0174	0	Title: Cancel procedure AC3-QM-100, Quality Control Conduct of Operations Description of Change: Cancel procedure AC3-QM-100, Quality Control (QC) Conduct of Operations. Reason for the Change: The QC Conduct of Operations procedure is not required by the License Application or the Quality Assurance Program Description (QAPD). This procedure provides guidance for conduct of operations of QC activities and the organizational and reporting responsibilities. These guidelines have been incorporated into other approved and implemented QC procedures which flow down the criteria specified in the QAPD.	6/1/2006		AC3-QM-100 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0176	0	Title: SP-2605-0005, Security Plan Change Description of Change: Change SP-2605-0005, "Classified Matter Protection and Control Manual (CMPC)" to be consistent with DOE Manual 470.4-4, "Information Security" and SP-2605-0009, "Security Plan for the American Centrifuge Lead Cascade Facility". Reason for the Change: The changes to SP-2605-0005, "Classified Matter Protection and Control Manual (CMPC)", are required due to the fact that DOE 470.4-4 replaced DOE O 471.2A "Information Security Program".	6/15/2006	No	DOE Security Plan	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0177	0	Title: Revision to Lead Cascade License Application Chapters 1 and 7 Description of Change: Chapter 1 incorrectly identifies Ordinary Hazard Group 2 and does not indicate the coverage area. Chapter 7 corrects the flow rate as 0.15 gpm/ft2. Reason for the Change: The proposed changes are necessary because the Lead Cascade License Application Chapter 1 and Chapter 7 do not consistently indicate that the Lead Cascade Facility is designated as an Ordinary Hazard Group 1 for all areas along with the minimum fire protection sprinkler density of 0.15 gpm/ft2 for the most hydraulically remote 3,000 ft2 area covered by each suppression system.	7/12/2006		LA Chapter 1 LA Chapter 7 BDD-3001-QL2-006R	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0177	1	Title: Revision to Lead Cascade License Application Chapters 1 and 7 Description of Change: Change Ordinary Hazard to Group 1. Change to state the fire suppression system designed and installed to meet or exceed the National Fire Protection Association recommended sprinkler density for Ordinary Group 1 occupancies. Reason for the Change: The proposed changes are necessary because the Lead Cascade License Application Chapter 1 and Chapter 7 do not consistently indicate Ordinary Hazard Group 1 for all areas. Also, the sprinkler density has been defined inconsistently.	6/30/2006	No	LA Chapter 1 LA Chapter 7 BDD-3001-QL2-006, R0	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0178	0	Title: Deletion of procedure AC2-RG-007, Lessons Learned, and clarification of procedure AC2-TP-003, Required Reading Description of Change: Delete the Lessons Learned procedure and clarify the Required Reading procedure to incorporate the process of the Lessons Learned procedure. Reason for the Change: Elimination of an unnecessary procedure, and streamline/clarify the process by which information is distributed to plant personnel.	6/7/2006	No	AC2-RG-007 AC2-TP-003	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0179	0	Title: Revision to AC4-OP-001, Purge Vacuum Normal Operating Procedure Description of Change: Change how valves are operated, and editorial changes. Reason for the Change: Provide correct operations of the Purge Vacuum System.	6/8/2006	No	AC4-OP-001 Ch. 4	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0180	0	Title: Revision to procedure AC2-MP-002, Stop Work Actions Description of Change: Remove Appendix B 1.16. Shifted the responsibility from the Nuclear Criticality Safety Manager (PORTS) to Engineering Manager in Appendix B. Change Lead Cascade Shift Supervisor (LSS) to Lead Cascade Shift Supervisor (LCSS) throughout procedure. Reason for the Change: Change required to be consistent with the License Application changes as a result of FAC 06-0015 Rev. 0 which changed Nuclear Criticality Safety Manager to Engineering Manager.	6/30/2006	No	AC2-MP-002 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0181	0	Title: Revision to procedure AC4-OP-066, Mass Spectrometer Operation Preparation Description of Change: Add a requirement to perform daily samples when a product mass spectrometer is out of service. Reason for the Change: Change to incorporate the Nuclear Materials Control & Accountability requirement to take daily product samples when the mass spectrometers are not available to provide assay information.	7/7/2006	No	AC4-OP-066 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 06-0182	0	Title: Revision to procedure AC4-OP-040, Cascade Conditioning Description of Change: Change how cascade conditioning and volumetric tests of the process piping is performed. Eliminate the use of backfill unit. Reason for the Change: This change necessary to accurately perform the process header volume determination. The change eliminates the use of the backfill unit to perform this test because the backfill unit's pressure regulators are designed to bleed nitrogen which will make the test inaccurate.	7/5/2006	No	AC4-OP-040 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0183	0	Title: Revision to procedure AC4-OP-016, Feed Cart Operation Description of Change: Change procedure to include compensatory actions prior to removing an items relied on for safety (IROFS) from service. Reason for the Change: This change is necessary to satisfy the regulatory requirements.	7/7/2006	No	AC4-OP-016 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0184	0	Title: Revision to procedure AC2-RG-001, Facility Change Evaluation Description of Change: Clarify that changes to any document that implements regulatory commitments includes Lead Cascade or Portsmouth Gaseous Diffusion Plant documents, and identify who controls Facility Change Evaluation (FCE) numbers and what computer programs are applicable to FCE process. Reason for the Change: Ensure personnel performing 10 Code of Federal Regulations 70.72 evaluation knows what documents must be evaluated.	6/7/2006	No	AC2-RG-001 Ch. 10	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0185	0	Title: Revise the Lead Cascade Integrated Safety Analysis Summary Description of Change: Revise the Integrated Safety Analysis (ISA)/ISA Summary to include requirement that the process system be designed and installed to withstand the forces associated with a 1,000-year return period event. Correct Appendix C to eliminate a typographical error. Reason for the Change: The proposed changes are necessary because the American Centrifuge Lead Cascade Facility ISA was performed assuming the Process Building structure and process system equipment therein would be designed and installed to withstand the seismic forces associated with the design basis seismic event; however, the items relied on for safety (IROFS) that was developed to capture that initial condition did not indicate the process system was part of the IROFS boundary.	7/12/2006	No	ISA/ISA Summary AC2-QM-104 ISO-77 Surveillance	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 06-0186	0	Title: Revision to procedure AC2-EG-009, Processing Modification & Project Changes Description of Change: Add steps C.2.2 and D.2.11 for two Facility Change Evaluation (FCE) Qualified Evaluators to review the Engineering Change Record (ECR) and the FCE if a previously approved FCE was used to bound an ECR. Delete the Project Manager (PM) role, which is fulfilled by the Responsible Engineer/Designer role; clarified Quality and Non-Quality Records. Correct format errors and made editorial changes. Reason for the Change: Ensure 10 Code of Federal Regulations 70.72 requirements are not violated and clarify procedure requirements.	6/9/2006	No	AC2-EG-009 Ch. 4	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0187	0	Title: Revision to procedure AC4-OP-005, Lead Cascade Instrument Air Operations Description of Change: Change to identify one additional valve that must be opened during normal operations of the instrument air system for the Lead Cascade. Reason for the Change: Clarify operations of the instrument air system.	6/12/2006	No	AC4-OP-005 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0188	0	Title: Revision to procedure AC2-EG-017, IROFS Surveillance Program Description of Change: Clarify how items relied on for safety (IROFS) are developed, performed, and tracked. Update Surveillances, which includes: -- Change implementing procedures, -- Incorporate reference documents, -- Clarify Surveillance Basis statements, -- Clarify IROFS Failure criteria; and -- Correct typographical and formatting errors. Reason for the Change: The changes incorporate comments from the IROFS focus team to provide clarification.	6/21/2006	No	AC2-EG-017 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0190	0	Title: Procedure change to AC4-OP-003 to correct valve labeling and to clarify the valve line-up. Description of Change: Change to correct valve identification labels and clarify valve line-up. Reason for the Change: Ensure valve labeling is performed consistently and valve lineup requirements are clear.	6/12/2006	No	AC4-OP-003 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 06-0191	0	Title: Revision to procedure AC2-FO-001, Conduct of Operations Description of Change: Add Section 4.2.10 to flow down requirements from the License Application for Lead Cascade Shift Crew requirements. Reason for the Change: Change required to incorporate the minimum shift crew composition requirements of the License Application. This change is consistent with Section 2.1.8 of the License Application for the American Centrifuge Lead Cascade Facility.	6/12/2006	No	AC2-FO-001 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0193	0	Title: Revised procedure AC2-RG-052, Instructions for Lockout/Tagout Description of Change: Clarify the requirements of Occupational Safety and Health Administration General Industry Standard 29 Code of Federal Regulations 1910 which strengthens the Lockout/Tagout (LOTO) Work Permit procedure requirements. Reason for the Change: Provide clear instructions for lockout/tagout use.	7/28/2006	No	AC2-RG-052 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0194	0	Title: Integrated Safety Analysis Summary Change and procedure AC4-OP-069, Machine Disassembly Description of Change: Provide requirements for the disassembly, partial disassembly, and/or select repair of failed or troublesome standard Lead Cascade centrifuge machines that are not contaminated and are not wrecked. Revise associated Assembly and Disassembly flowcharts and their text descriptions. The flowcharts are intended for reference only as representative of the steps used in the activity. The flowcharts are not intended to be followed exactly as shown. The procedures that guide these activities will be used to perform the work and will include the detailed steps and other information required. The text for these activities is changed to clarify this. Reason for the Change: Provide procedure for disassembly and make corresponding changes to ISA Summary to reflect correct machine disassembly.	6/30/2006	No	ISA/ISA Summary AC4-OP-069 Ch. 0	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0196	0	Title: Revision to procedure AC4-OP-059, Purge Vacuum/Evacuation Vacuum Chemical Trap Operations Description of Change: Change the procedure from Reference Use to In Hand. Reason for the Change: Change resulting from validation and to incorporate the requirements of IROFS Surveillance Number IS-018.	6/14/2006	No	AC4-OP-059 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 06-0197	0	Title: Revision to procedure AC4-OP-028, Transport of 12B UF6 Cylinders within the Process Building Description of Change: Add a definition of the Process building, and clarified some notes and action steps to include the X-3001 external delivery areas. Changed to an In Hand procedure from a Reference Use procedure. Reason for the Change: Clarify requirements for transporting 12B UF6 cylinders within the process building.	6/14/2006	No	AC4-OP-028 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0198	0	Title: Revision to procedure AC2-RG-071, Nuclear Material Control and Accountability (NMC&A) for the American Centrifuge Lead Cascade Description of Change: Clarify the backup of the NuMAS database, removing the requirement to get NMC&A approval of transfers, and revise the AC forms required by the procedure. Reason for the Change: Revise procedure to clarify three sections and add USEC Proprietary Information markings on forms.	6/14/2006	No	AC2-RG-071 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0199	0	Title: Revision to procedure AC4-OP-025, Machine Connections Description of Change: Add commitments to the Integrated Safety Analysis, and change the procedure from In Hand to Reference Use. Reason for the Change: This is a procedure change required for the electrical, thermocouple and process piping connections of a centrifuge in the X-3001 process building.	6/15/2006	No	AC4-OP-025 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0200	0	Title: Revision to procedure AC4-OP-055, Machine Disconnect Description of Change: Change required to disconnect centrifuge machines and implement the items relied on for safety described in Section 7.3.4.2 of the Integrated Safety Analysis (ISA). Reason for the Change: Implement ISA Summary requirements and provide requirements on disconnecting centrifuge machines.	6/15/2006	No	AC4-OP-055 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0202	0	Title: Machine Casing Pressure Transducer Installation Description of Change: Evaluate the addition of a pressure transducer to the machine casing diff pump elbow. Reason for the Change: The addition of the pressure transducer allows operations the ability to monitor pressures within the casing.	6/29/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 06-0203	0	Title: Revision to procedure AC4-OP-064, Valve Positioning Controls Description of Change: Change the method of valve lineup. Reason for the Change: Correct deficiencies with Valve Positioning Controls.	6/22/2006	No	AC4-OP-064 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0204	0	Title: Revision of procedure AC2-RG-013, Urinalysis Program Description of Change: Eliminate Gaseous Diffusion Plant (GDP) related specific information that does not apply to the Lead Cascade (Problem Report versus Condition Notification). Clarify responsibilities for Lead Cascade management and resolved LCSS versus PSS responsibilities and move away from complete reliance on GDP personnel for the majority of administrative issues. Reason for the Change: Clarify procedure requirements, and organization responsibilities.	6/27/2006	No	AC2-RG-013 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0205	0	Title: Revision to procedure AC2-RG-041, Actions to be Taken During a UF6 or Other Hazardous Materials Release Description of Change: Clarify evacuation of Lead Cascade areas in the unlikely event of a release of UF6. Clarify that training must be completed prior to being allowed unrestricted access to X-3001Train 3. Reason for the Change: Clarify procedure requirements.	7/5/2006	No	AC2-RG-041 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0207	0	Title: USEC Response to NRC RAI and subsequent update of the LC DFP Estimate and Associated Licensing Documents Description of Change: The change addresses third party contractor profitability on the previous periodic update due to a Nuclear Regulatory Commission Request for Additional Information. Lead Cascade License Chapter 10 and the Decommissioning Funding Plan were reviewed. Reason for the Change: USEC response to the Nuclear Regulatory Commission's Request for Additional Information.	7/13/2006	No	LA Chapter 10 DFP	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0208	0	Title: Cancellation of procedure AC3-QM-103, Inspection of Industrial Forklifts Description of Change: Cancel AC3-QM-103. Reason for the Change: This procedure has been superseded by AC2-QM-104, Inspection of Lead Cascade Rigging and Handling Equipment, which provides the ASME inspection criteria for industrial forklifts.	6/27/2006	No	AC3-QM-103 Ch. 0	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0210	0	Title: Lead Cascade Machine Implementation Test Plan, Machine Bump Test in X-7726 and X-3001 Description of Change: Perform Test Plan TP-2303-0010, Lead Cascade (LC) Machine Implementation Test Plan, Machine Bump Test in the X-7726 and X-3001. Reason for the Change: The purpose of this Test Plan is to perform the activities required to verify correct rotation direction of the Lead Cascade Machines in the X-7726 and as necessary in the X-3001.	6/29/2006	No	TP-2303-0010	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0210	1	Title: Lead Cascade Machine Implementation Test Plan, Machine Bump Test in X-7726, X-3001 and Acceleration Test Plan Description of Change: Perform Test Plan TP-2303-0010, Lead Cascade (LC) Machine Implementation Test Plan, Machine Bump Test in X-7726 and X-3001, and Test Plan TP-2201-0002, Machine Acceleration Test Plan. Reason for the Change: The purpose of TP-2303-0010 is to perform the activities required to verify correct rotation direction of the Lead Cascade machines in the X-7726 and as necessary in the X-3001. The purpose of TP-2201-0002 is to perform an acceleration test of the machine to rated speed. The test will utilize systems as described in the license application.	10/4/2006	No	TP-2303-0010 TP-2201-0002	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0211	0	Title: Revision to procedure AC2-RG-002, Facility Application Change Control and License Amendment Requests Description of Change: Clarify 10 Code of Federal Regulations (CFR) 70.72 and 70.32 requirements and combined enclosure 1 and 3 discussed in Appendix B. Reason for the Change: Changes made to ensure 10 CFR 70.72 and 70.32 requirements will be met and have all technical information contained in one enclosure to a License Amendment Request.	7/11/2006	No	AC2-RG-002 Ch. 5	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0212	0	Title: Movement of the Department of Energy Real Time Radiography Unit from X-7725 Description of Change: Move the Department of Energy (DOE) Real Time Radiography (RTR) unit from the X-7725 to the X-334. Reason for the Change: Evaluation performed to determine if movement of the DOE RTR unit would have an impact on the Lead Cascade Facility.	6/30/2006	No	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0213	0	Title: Revision to procedure AC4-OP-032, Connecting/Disconnecting UF6 Cylinder to/from a Feed Cart Description of Change: Add steps to ensure the feed cart has been purged and isolated from the pigtail. Reason for the Change: Clarify feed cart purging requirements.	7/3/2006	No	AC4-OP-032 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0214	0	Title: Revision to procedure AC4-OP-031, Connecting/Disconnecting UF6 Cylinder to/from a Dump Cart Description of Change: Add steps to ensure the dump cart has been purged and isolated from the pigtail. Reason for the Change: Clarify dump cart purging requirements.	7/3/2006	No	AC4-OP-031 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0215	0	Title: Revision to procedure AC4-OP-035, Operation of Mettler Toledo XS2002S Sample Scale Description of Change: Change to reflect use category of In Hand instead of Reference Use. Reason for the Change: Changing procedure from Reference Use to In Hand.	7/6/2006	No	AC4-OP-035 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0216	0	Title: Revision to procedure AC4-OP-030, Operation of the Cylinder Scale Description of Change: Change to reflect use category of In Hand instead of Reference Use. Reason for the Change: Changing procedure from Reference Use to In Hand.	7/6/2006	No	AC4-OP-030 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 06-0217	0	Title: Revision to procedure AC4-OP-033, Operation of the Portable Mini-Gulper Description of Change: Change to reflect use category of In Hand instead of Reference Use. Reason for the Change: Changing procedure from Reference Use to In-Hand.	7/6/2006	No	AC4-OP-033 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0218	0	Title: Revision to procedure AC4-AR-008, X-3001 Power System Alarms and Responses Description of Change: Add two additional alarm and responses for battery room ventilation and the new hydrogen detectors. Reason for the Change: Clarify alarm and response actions for the battery room ventilation and new hydrogen detectors.	7/11/2006	No	AC4-AR-008 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0219	0	Title: Revision to procedure AC2-MA-002, Work Control Process Description of Change: Add clarification to Section 4.5, Post Maintenance Testing (PMT), to more clearly define PMT requirements. Add clarification to Appendix B, Work Package Reviews, and Appendix C, Minor Maintenance Guidelines, to more clearly define the requirements for work packages that involve system modifications. Broaden scope of Section 6.3, Commitments, to cover several Sections of 11.2 of the License Application. Reason for the Change: Provide clarification to existing procedural requirements. The change enhances the implementation of the original procedure requirements.	7/5/2006	No	AC2-MA-002 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0220	0	Title: Revision of procedure AC2-RG-010, Radiological Work Permit Description of Change: Incorporate guidance for the Lead Cascade Shift Supervisor or designee to perform an items relied on for safety (IROFS) surveillance at completion of work covered by a Job Specific Radiological Work Permit (RWP). A Job Specific RWP is required when a Centrifuge Machine is opened in the Centrifuge Test and Training Facility and for non-routine work involving opening of systems exposed to uranium. Reason for the Change: Adding IROFS Surveillance criteria.	7/20/2006	No	AC2-RG-010 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0221	0	Title: Revision to procedure AC2-EG-017, IROFS Surveillance Program Description of Change: Change incorporating the results of the items relied on for safety (IROFS) Internal Readiness Review (IRR) to add IROFS Surveillance documentation tracking and trending, revise the Process Flow Chart to clarify trending process, revise Form AC-288 to document trending of surveillances, and update Surveillances IS-005, IS-007, IS-010, IS-011, and IS-020. In addition, clarify failure criteria and compensatory actions, incorporate reference documents, and clarify Surveillance Basis statements. Reason for the Change: Incorporate IROFS IRR findings.	7/7/2006	No	AC2-EG-017 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0222	0	Title: Revision to procedure AC3-QM-001, Quality Assurance Internal Oversight Program Description of Change: Add audit/assessment of the Integrated Safety Analysis initial conditions and assumptions to Appendix C. Reason for the Change: Clarify procedure requirements for audits and assessments.	7/7/2006	No	AC3-QM-001 Ch. 7	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0223	0	Title: Revision to procedure AC4-AR-006, Cascade Alarms and Responses Description of Change: Change Shift Supervisor to LCSS (Lead Cascade Shift Supervisor) and include actions to be performed if administrative assay limit is exceeded. Reason for the Change: Clarify alarm and response actions.	7/10/2006	No	AC4-AR-006 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0225	0	Title: Revision to procedure AC4-OP-013, Operation of the X-3001 Battery and DC Power System Description of Change: Add Sections 7.7 and 7.8 for items relied on for safety (IROFS) flow down, and other editorial and content corrections. Reason for the Change: Provide IROFS requirements and to clarify procedure.	7/27/2006	No	AC4-OP-013 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0226	0	Title: Revision to procedure AC2-RG-001, Facility Change Evaluation Description of Change: Clarify that the Facility Change Evaluation (FCE) owner is responsible to track the expiration date of temporary changes in CATSWeb. Clarify that the FCE originator must inform the Regulatory Organization when a revision is made to an FCE. Clarify that the revision number must be included for the change package to which this FCE applies. Reason for the Change: Address concerns identified in an internal assessment and to clarify procedure requirements.	7/12/2006	No	AC2-RG-001 Ch. 11	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0228	0	Title: Machine Transport Criteria for LC Reliability Machines Description of Change: Evaluate the relaxation of the machine transport criteria for the Lead Cascade (LC) Reliability Machines (RM). The rationale for the relaxation of the transport criteria is documented in the Engineering Evaluation EE-2541-0001 Centrifuge Machine Transport Criteria - RM Machines. Reason for the Change: It is apparent that the transportation requirements for the LC machines which were taken from the equipment specifications for the GCEP machine transporter are too stringent and therefore are justified in being relaxed.	7/20/2006	No	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0229	0	Title: Revision to procedure AC3-QM-002, Quality Assurance Auditor/Lead Auditor Qualification Program Description of Change: Revision to auditor qualifications and to Form AC-29 to be consistent with the body of the procedure, and other minor administrative changes. Reason for the Change: Clarify procedure requirements.	7/24/2006	No	AC3-QM-002 Ch. 5	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0230	0	Title: LA-2601-0003 Integrated Safety Analysis Summary Change Description of Change: Revise the ISA Summary to be consistent with the License Application Chapter 1 and Chapter 7 in designating the sprinkler density per National Fire Protection Association (NFPA) 13-1989. Reason for the Change: Changes were developed and approved per Facility Change Evaluation 06-0177 and Facility Application Change 06-0020 to consistently specify the ordinary hazard occupancies group designation and associated sprinkler densities per NFPA-13-1989 in Chapter 1 and Chapter 7 of the American Centrifuge Lead Cascade Facility License Application, but inadvertently failed to include similar changes to the Integrated Safety Analysis (ISA). The proposed changes herein are necessary because the American Centrifuge Lead ISA also needs to be consistent with License Application Chapters 1 and 7.	7/27/2006	No	ISA/ISA Summary	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0231	0	Title: Revision to procedure AC2-SP-011, Foreign Ownership, Control, or Influence (FOCI) Description of Change: Clarify FOCI approvals, submissions and/or verifications to ensure it allows for the Cognizant Security Administrator, be it the Department of Energy or the Nuclear Regulatory Commission, to serve as the FOCI Administrator. Reason for the Change: To change the reporting line for FOCI from the DOE to the NRC after transition.	7/21/2006	No	AC2-SP-011 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0232	0	Title: Revision to procedure AC2-RG-001, Facility Change Evaluation Description of Change: This procedure referenced a specific revision of the Department of Energy (DOE) Technical Safety Requirements (TSR) that is applicable under the DOE CLCROA Screening process. The change was made to address DOE's revision to the TSR's. Reason for the Change: Change the reference to DOE TSR to allow the latest revision of DOE TSR to be used.	7/21/2006	No	AC2-RG-001 Ch. 12	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0233	0	Title: Revision to procedure AC4-OP-004, MCW Deionizer Operations Description of Change: Add Sections 7.3.10 and 7.3.11 to ensure chiller tank backflow preventer inlet and outlet valves and chiller tank makeup water inlet valve are open. Added nitrogen buffer pressure range to Sections 7.2.9 and 7.2.15. Added nitrogen flow rate range to Section 7.2.15. Added Section 7.2.9 to vent nitrogen from Machine Cooling Water expansion tank during addition of make up water to prevent high nitrogen pressure Distributed Control System alarm. Delete Source reference GCEP Operating Procedure PC-MP-PB-N-AX-210(2), MW Deionizer Operation. Reason for the Change: Changes required to properly fill the chill water tanks with de-ionized water.	7/28/2006	No	AC4-OP-004 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0234	0	Title: Revision to procedure AC4-OP-024, Machine Pumpdown Description of Change: Editorial changes and simple changes that allow machine pumpdown with one evacuation pump. Reason for the Change: Change allows individual Evacuation Vacuum pump operation per revisions to AC4-OP-002, Evacuation System Normal Operating Procedure.	7/28/2006	No	AC4-OP-024 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0235	0	Title: Revision to AC4-OP-002, Evacuation Vacuum Normal Operating Procedure Description of Change: Change valve requirements for purge and seal air flow during pump operations, correct typographical errors, change setpoints, change procedure format, and correct sequencing steps. Reason for the Change: Provides consistency with the Purge Vacuum system and instructional simplification and clarity and match component identifiers with prints.	8/11/2006	No	AC4-OP-002 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0236	0	Title: Revision to procedure AC4-OP-053, Machine Venting with the Backfill Unit Description of Change: Change the requirements for centrifuge casing volume sampling. Reason for the Change: Clarify the requirements for centrifuge casing volume sampling.	8/2/2006	No	AC4-OP-053 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0237	0	Title: Revision to procedure AC4-OP-013, Operation of the X-3001 Battery and DC Power System Description of Change: Place several steps in a more logical order and added steps to clarify items relied on for safety (IROFS) requirements. Reason for the Change: Clarified operations of the X-3001 and Battery DC Power System.	8/3/2006	No	AC4-OP-013 Ch. 4	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0238	0	Title: Centrifuge Machine Power Requirements (U) Description of Change: Correct a typographical error in the Integrated Safety Analysis (ISA) which involves specification of the normal steady-state power requirements for the centrifuge. Reason for the Change: Change was made to correct an error in the ISA.	8/7/2006	No	ISA/ISA Summary	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0239	0	Title: Machine Drive Unit for Lead Cascade Machines Description of Change: Clarify the Integrated Summary Analysis (ISA) descriptions of how the Machine Drive Unit (MDU) controls the machine speed and how it interfaces with the Distributed Control System (DCS) and Machine Instrument Package (MIP). Revise ISA Summary Section 3.7 Bullet 3 to accurately indicate that the Lead Cascade cannot produce product that exceeds the 10.0 wt. percent 235U limit. Reason for the Change: Clarify MDU requirements and assay limits.	9/22/2006	No	ISA/ISA Summary	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0240	0	Title: Change Scoops for LC Machines Description of Change: ECR 657 "Change Scoops Used With Main Column Assembly Lead Cascade and Special Column Assembly Lead Cascade (U)" describes changes to the scoop design for the LC standard and special machines. Changes to the product scoop include dimensional changes only. Changes to the tails (waste) scoop are to replace the use of modified parts from existing scoops with newly fabricated parts that meet the design needs. Reason for the Change: Minor changes required to assist in allowing the machine to perform as described in the license documents.	8/7/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0241	0	Title: Revise Lead Cascade License Application and ISA to Add Feed Cart Fire Suppression System and Eliminate the Reference to a Halon System in the X-3012 ACR Description of Change: Add an onboard fire suppression system to the Feed Cart. Remove description of Halon system from the ISA. Reason for the Change: A review of the Feed Cart location and capability of the fire suppression systems determined that the X-3001 building and service module fire suppression systems would not be adequate. Engineering considered several alternatives and concluded that an onboard system would be needed to adequately reduce the risk for a Feed Cart Cylinder Unit fire. During the review for the fire suppression system change, it was determined that the ISA incorrectly indicated the Lead Cascade ACR was equipped with Halon suppression system.	7/31/2006	Yes	LA Chapter 1 ISA/ISA Summary IROFS Surveillance Development (IS-40) AC2-EG-017 AC4-PS-102	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0241	1	Title: Revise Lead Cascade License Application and ISA to Add Feed Cart Fire Suppression System and Eliminate the Reference to a Halon System in the X-3012 ACR Description of Change: Add onboard fire suppression system to the Feed Cart. Remove description of Halon system from ISA. Reason for the Change: The proposed changes to the ISA/ISA Summary are necessary to credit a Feed Cart Cylinder Unit fire suppression system in place of the X-3001 building and service module fire suppression systems. Halon was installed for GCEP to protect the under floor cabling associated with the mainframe computer system and a wet pipe sprinkler system was installed to protect everything else in the X-3012. The Halon system was removed a number years ago because the computers and associated cabling were removed. Also, Halon is considered to be an environmental hazard.	8/15/2006	Yes	LA Chapter 1 ISA/ISA Summary IROFS Surveillance Development (IS-40) AC2-EG-017 AC4-PS-102	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0242	0	Title: X-7725 Rotor Balance Casing Removal Description of Change: Evaluate the activities required for the removal of two Rotor Balance casings and installation of steel floor checker plate to cover the casing floor openings in the X-7725 Recycle/Assembly Building in Piketon, Ohio. After removal, the casings will be loaded and shipped by truck to facilities in Oak Ridge, Tennessee and reinstalled there. The relocated casings will be used by the rotor manufacturer in the production of balanced rotors for the Lead Cascade. Reason for the Change: Send rotor balance casing to Oak Ridge, Tennessee.	7/27/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0244	0	Title: Revision to procedure AC2-EG-017, IROFS Surveillance Program Description of Change: Provide clarification for items relied on for safety (IROFS) previously identified with no surveillance requirements. The changes to these developed the surveillances, identified failure criteria and compensatory actions, incorporated reference documents, and clarified Surveillance Basis statements. Update IROFS Surveillance (IS-012) for Battery Room, include new IROFS Surveillance (IS-039) for H2 monitor, update PPE IROFS Surveillance (IS-017 and IS-024), and corrected flow chart. Reason for the Change: Incorporate new IROFS Surveillance and add Internal Readiness Review requirements.	7/28/2006	No	AC2-EG-017 Ch. 4	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0245	0	Title: Revision to procedure AC2-QM-101, Quality Control Inspection Program Description of Change: Change responsibility from Quality Control (QC) Manager to Quality Assurance (QA) to submit quality records to EDMS, and other grammatical and formatting changes. Reason for the Change: Change responsibility for submitting quality records and to clarify procedure requirements.	8/7/2006	No	AC2-QM-101 Ch. 2		None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0246	0	Title: Revision to procedure AC2-QM-103, ACP Weld Visual Inspection Program Description of Change: Change responsibility from Quality Control (QC) Manager to Quality Assurance (QA) to submit quality records to EDMS, and other minor administrative changes. Reason for the Change: Change responsibility for submitting quality records and clarify procedure requirements.	8/7/2006	No	AC2-QM-103 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0247	0	Title: Revision to procedure AC4-AR-001, Machine Alarms and Responses Description of Change: Add several new alarms for current and temperature monitoring. Update several alarms to reflect new displays on the Distributed Control System. Reason for the Change: Clarify machine alarms and response requirements.	8/7/2006	No	AC4-AR-001 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0248	0	Title: X-3012 Uninterruptible Power Supply Bypass Installation Description of Change: Work activities associated with bypassing the existing, out-of-service Uninterruptible Power Supply (UPS) in the X-3012: -- Replacement of the existing UPS Bypass Transformer Secondary breaker. -- Replacement of the existing UPS Distribution Panel feeder breaker panel. -- Re-location of floor existing floor supports. -- Installation of necessary power conductors and conduit. -- Installation and removal of a temporary power feed to panel N-0027. Reason for the Change: Change bypasses the existing UPS altogether, while allowing for future replacement of the UPS for commercial plant operations. The UPS Distribution panel currently provides power to the DCS, ACP Domain Servers, and other miscellaneous loads. The bypass of the UPS will provide a more reliable power supply to these essential loads. In addition, it is necessary to provide a temporary power feed to panel N-0027, UPS Distribution Power Panel. This is to provide power to panel N-0027 while the bypass is being installed.	8/2/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0250	0	Title: Revision to procedure AC4-OP-003, Machine Cooling Water Normal Operations Description of Change: Add information on the valving of Machine Cooling Water heat exchangers and add information on the chiller on and alarm indications. Reason for the Change: Clarify Machine Cooling Water normal operations.	8/3/2006	No	AC4-OP-003 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0251	0	Title: Revision to procedure AC2-EG-017, IROFS Surveillance Program Description of Change: Included new items relied on for safety (IROFS) Surveillance (IS-040) for Feed Cart Fire Suppression System, and correct the title of IS-012 in Appendix A. Reason for the Change: Clarify IROFS surveillance requirements.	8/3/2006	No	AC2-EG-017 Ch. 5	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0253	0	Title: Column Insertion Procedure (U) Description of Change: Evaluates the change described in Engineering Change Record (ECR) 644 Revision 1 and the associated Material Review Board Action (MRBA) 06-052. This ECR removes certain column insertion and installation information from the centrifuge assembly drawing EDD-10001027 notes and moves that information to a new procedure EPS-1101-0008, Column Insertion Procedure (U). Additionally, the detail of the column insertion activity is described in more detail than it was described in the drawing notes. Reason for the Change: Design changes.	8/7/2006	No	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0254	0	Title: Revision to procedure AC2-SP-009, High Security Key and Lock Control for Classified Storage Areas Description of Change: Editorial changes and verbiage changes for clarification. Reason for the Change: AC2-SP-009, High Security Key and Lock Control for Classified Storage Areas, is being revised to meet the requirements of 10 Code of Federal Regulations 95.25(j) and Nuclear Regulatory Commission Security Program (NR-2605-0002).	8/8/2006	No	AC2-SP-009 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0255	0	Title: Lead Cascade Feed Cart Fire Suppression System Design and Construction Description of Change: Evaluate the design and construction (including acceptance testing) of the Lead Cascade Feed Cart Fire Suppression System as a part of the activities associated with ECR-2204-0005-012. Reason for the Change: Design and construction of the Feed Cart.	8/8/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0256	0	Title: Revision to procedure AC2-QM-104, Inspection of Lead Cascade Rigging and Handling Equipment Description of Change: Clarify T-290 tag use during handling operations and inspections prior to each use, and provide examples for overhead hoists. Administrative corrections made to Forms AC-345 and AC-295, and other minor administrative and formatting changes. Reason for the Change: Clarify the requirements in AC2-QM-104.	8/8/2006	No	AC2-QM-104 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0258	0	Title: Revision to procedure AC4-AR-008, X-3001 Power System Alarms and Responses Description of Change: Change to modify alarms EL-013 and EL-016 to refer to the Uninterruptible Power Supply (UPS) Operations and Maintenance manual to determine actions for alarms displayed on the UPS. Reason for the Change: Clarify the requirements for two alarms on the UPS system.	8/16/2006	No	AC4-AR-008 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0261	0	Title: Revision to procedure AC4-OP-049, Machine Acceleration & Deceleration Description of Change: Change to add the steps involved in deceleration of a machine without using a drive down cart. Reason for the Change: To allow deceleration of a machine without using drive down cart.	10/5/2006	No	AC4-OP-049 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0263	0	Title: Revision to procedure AC4-OP-051, Inventory Removal Description of Change: Change Section 7.1.12.C. vent valve position to read ACC instead of ACT. Reason for the Change: Corrected errors discovered during first use validation.	8/15/2006	No	AC4-OP-051 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0264	0	Title: Revision to procedure AC4-OP-012, Operation of the Lead Cascade Auxiliary Standby Generator (ASG) Description of Change: Re-sequence the procedure steps into a logical order and to fix labeling errors. Reason for the Change: Clarify procedure requirements.	8/28/2006	No	AC4-OP-012 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0265	0	Title: Revision to procedure AC4-AR-008, X-3001 Power System Alarms and Responses Description of Change: Provide guidance on how to respond to X-3001 Power System Alarms. Reason for the Change: Clarify procedure requirements.	11/6/2006	No	AC4-AR-008 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0266	0	Title: Revision to procedure AC4-OP-051, Inventory Removal Description of Change: Correct verbiage and reverse two step orders. Reason for the Change: Clarify procedure requirements.	11/7/2006	No	AC4-OP-051 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0267	0	Title: Revision to procedure AC4-OP-050, Machine Conditioning, Tails Scoop Verification, and Charging with UF6 Description of Change: Change to Sections 7.2.5D, 7.2.17D, and 7.3.1D due to changes in DWG X-3001-929-CA. Remove unused acronyms and properly used acronyms per TPP 2603-0001. Add AC4-OP-064, Valve Positioning Controls, as Use Reference. Reword steps to allow improved flow with other procedures. Reason for the Change: Reconciles the procedure guidance with recent changes to drawing X-3001-929-CA and provides improved coordination with other operational procedures. The change also clarifies several acronyms and other terms used within the procedure.	11/6/2006	No	AC4-OP-050 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0268	0	Title: Revision to procedure AC4-AR-002, Machine Cooling Water Alarms and Responses Description of Change: Provide guidance on how to respond to Machine Cooling Water alarms. Reason for the Change: Clarify how to respond to Machine Cooling Water alarms.	11/17/2006	No	AC4-AR-002 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0269	0	Title: Revision to procedure AC3-QM-102, Written Practice for Nondestructive Testing (NDT) Inspectors Description of Change: Change Quality Control Manager to Quality Assurance Manager/designee; and other minor formatting and grammatical corrections. Reason for the Change: Change in organization responsibilities and clarify procedure requirements.	8/21/2006	No	AC3-QM-102 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0270	0	Title: Revision to procedure AC2-QM-103, ACP Weld Visual Inspection Program Description of Change: Replacement of Quality Control Manager with Quality Assurance Manager/designee throughout the procedure, in addition to minor formatting and grammatical changes/corrections. Reason for the Change: Change in organization responsibilities and clarify procedure requirements.	8/21/2006	No	AC2-QM-103 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0271	0	Title: Revision to procedure AC3-QM-106, QC Inspector Qualification Program Description of Change: Change Quality Control Manager to Quality Assurance Manager/designee and make other minor formatting and grammar changes/corrections. Add a Table of Contents. Minor formatting changes to Form AC-98, American Centrifuge Plant Quality Control Inspector Certification Record. Reason for the Change: Change in organization responsibilities and clarify procedure requirements.	8/21/2006	No	AC3-QM-106 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0272	0	Title: Revision to procedure AC3-QM-107, Ultrasonic Thickness Measurement Description of Change: Change Quality Control Manager to Quality Assurance Manager/designee, and several minor formatting and grammatical changes/corrections. Reason for the Change: Change in organization responsibilities and clarify procedure requirements.	8/21/2006	No	AC3-QM-107 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0273	0	Title: Revision to procedure AC2-EG-005, Preparation of Statements of Work (SOW) for Services Description of Change: Re-worded Step 4.1.1.G to ensure personnel use the latest version of the Statement of Work (SOW) formats. Add additional step under "Supplier Requirements" and combine all under "Supplier Requirements". Delete heading "Other Supplier Requirements" and combine all under "Supplier Requirements". Correct format and editorial errors. Change the acronym RES to ESO. Clarify wording in Appendix A. Attach electronic versions of the SOW formats as embedded objects in the procedure. Reason for the Change: Clarify procedure requirements.	8/23/2006	No	AC2-EG-005 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0274	0	Title: Revision to procedure AC4-OP-065, CTTF Vacuum System Operation Description of Change: Change Section 7.1.3 PSI range from 70-75 to 70-80 and Section 7.1.4 PSI range from 35-40 and 30-55. Reason for the Change: Change vacuum system operator range.	8/23/2006	No	AC4-OP-065 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0275	0	Title: Revision to procedure AC4-OP-028, Transport of 12B UF6 Cylinders within the Process Building Description of Change: Add Section 2.2.4 and 7.2.1, and change "using" to "installing" in Section 4.3. Reason for the Change: Clarify procedure requirements based on a dry run of the procedure.	8/23/2006	No	AC4-OP-028 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0276	0	Title: X-3001 Evacuation Vacuum/Purge Vacuum Pump Modifications Description of Change: Work activities associated with the X-3001 Evacuation Vacuum (EV) / Purge Vacuum (PV) pumps. The following is the scope of ESO-2101-0018 to be performed under SOW-2101-0033. -- Removal of the Machine Cooling Water Solenoid Valve. -- Removal of the speed switch. -- Provide amperage information to Distributed Control System (DCS). -- Provide interlock for the auto-start sequence. -- Provide EV and PV stop capability in DCS. Reason for the Change: Enhance operations control of the EV/PV pumps.	9/27/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0277	0	Title: Centrifuge Machine Design Changes Description of Change: Facility Change Evaluation (FCE) 06-0148 Rev. 0 and Rev. 1 evaluated the design drawings for the LC1a standard and fully instrumented centrifuge machines and Engineering Change Requests (ECR's) that involve changes to the tooling and fixtures used to assemble the machine or to handle component parts. The ECR's involve minor changes such as dimensional changes (primarily tolerances), material changes, cleaning marking or packaging requirements, and typographical corrections. Reason for the Change: Centrifuge machine design changes.	8/31/2006	Yes	Dwg. EDD-1000027 Rev. 3 Dwg. EDD-100051 Rev. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0279	0	Title: Revision to IHS-2601-0001, Health and Safety Plan for Construction Description of Change: Changes include: -- Updated training requirements for various modules. -- Revised Hoisting and Rigging Section to agree with current Lead Cascade procedure requirements. -- Added information on Basic Fire Extinguishers. -- Added information on See and Flee requirements. -- Added information on Personal Nuclear Accident Dosimetry (PNAD). -- Revised Respiratory Protection section. -- Deleted section on Asbestos as it is not applicable. -- Clarifications to Attachment C, Contractor Training table. -- Minor grammatical and formatting changes. Reason for the Change: Provide additional requirements and clarify existing requirements.	8/28/2006	No	IHS-2601-0001 Ch. 1	No	

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0280	0	Title: Revision to procedure AC2-EG-019, Lift Plans Description of Change: Add clarification note that routine lifts must still comply with Occupational Safety and Health Administration (OSHA) and the American Society of Mechanical Engineering (ASME) 830 requirements concerning use and inspection of rigging and handling equipment. Clarify 4.1.1.H to point out that lifts involving UF6 or lifts that could impact equipment containing UF6 need to be covered by a lift plan or procedure. Add pinch points to item 11 of Form AC-236, Pre-Lift Checklist. Corrected format errors. Reason for the Change: Clarify procedure requirements.	8/30/2006	No	AC2-EG-019 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0281	0	Title: Revision to procedure AC2-QM-104, Inspection of Lead Cascade Rigging and Handling Equipment Description of Change: Provide clarification for conditions identified during inspections that are not non-conforming and where to document these conditions. Clarify the inspection criteria for Inspection of Forklifts Forks. Provide provision to allow the equipment owners to complete inspection on rigging and handling equipment by a qualified person. Reason for the Change: Clarify procedure requirements.	12/12/2006	No	AC2-QM-104 Ch. 4	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0282	0	Title: Use of Electric-Powered Vehicles and Lifts to Support Lead Cascade Operations Description of Change: Use of electric-powered vehicles and lifts to support Lead Cascade operations and maintenance activities. Electric-powered vehicles refers to the use of golf carts, towing devices, and other similar equipment for the movement of workers and equipment about the Lead Cascade facilities. Electric-powered equipment and personnel lifts refers to the use of scissor lifts, boom lifts, and other similar equipment for assisting workers in performing operation, inspection, and maintenance type activities, and assisting in the movement or placement of equipment as necessary. Reason for the Change: The use of electric-powered vehicles to move workers is necessary because of the distances between the facilities, and the use of other types of lifts is necessary to be able to perform required surveillances and necessary maintenance activities.	9/11/2006	No	ISA/ISA Summary	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0284	0	Title: Vent Monitor Air Flow Test Plan Description of Change: Work activities associated with performing test plan TP-2101-0019, which supports the investigation of viable pumping schemes to assist with the operation of the X-3001 Lead Cascade Vent Monitor. Several pumping schemes will be implemented. The testing process also includes testing of any other means of augmenting sample flow to assist the vent monitoring system in its performance. Reason for the Change: Investigate reliable pumping schemes to assist with the operation of the X-3001 Vent Monitor.	9/8/2006	No	TP-2101-0019	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0284	1	Title: Vent Monitor Air Flow Test Plan and Modifications Description of Change: Work activities associated with performing test plan TP-2101-0019, which supports the investigation of viable pumping schemes to assist with the operation of the X-3001 Lead Cascade Vent Monitor. Several pumping schemes will be implemented. The testing process also includes testing of any other means of augmenting sample flow to assist the vent monitoring system in its performance. Test Plan TP-2101-0019 was successfully completed. The test plan concluded that installing a vacuum pump on the discharge of the vent monitor adequate air flow was achieved. The installation of the vacuum pump is necessary to ensure sufficient air flow is maintained through the vent monitor (ECR-2101-0002-37). Reason for the Change: Install vacuum pump.	9/11/2006	Yes	TP-2101-0019	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0285	0	Title: Revision to procedure AC2-EG-017, IROFS Surveillance Program Description of Change: Revise IS-012 failure criteria of the Ventilation System to be failure of the fan and hydrogen levels exceeding 50 percent of the LFL. Revise IS-039 failure criteria of the hydrogen monitors to be failure of all four hydrogen monitors. Revise IS-040 by adding additional compensatory measures if the fire suppression system is found to be out of service. Describe the guidance for performing and documenting IROFS Surveillances. Reason for the Change: The surveillance form establishes that the time period will be based on if the hydrogen levels exceed the 50 percent LFL limit (2 percent hydrogen in air). Engineering Evaluation EE-2601-0006 concluded that one hydrogen monitor in service is adequate to ensure the hydrogen monitoring system can perform its IROFS function.	9/11/2006	No	AC2-EG-017 Ch. 6	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0286	0	Title: Revision to procedure AC2-FO-003, Vehicle Control Within the X-3001 Description of Change: Clarify the scope of inclusively in the use of electric vehicles and non-use of fossil fuel powered vehicles in the X-3001. Reason for the Change: Provide clarification and applicability statements.	9/13/2006	No	AC2-FO-003 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0287	0	Title: NR-2605-0003 Fundamental Nuclear Material Control Plan (FNMCP) Change Description of Change: Eliminate the requirement to identify the location of nuclear material from accountability documents. This change affects the following documents: – Section 9.2 of the FNMCP. – Three Nuclear Material Control & Accountability forms listed in procedure AC2-RG-071, Nuclear Material Control and Accountability for the American Centrifuge Lead Cascade. – The steps in AC2-RG-071 directing personnel to identify the location where Lead Cascade samples were collected and storage of licensed material at the Lead Cascade. Reason for the Change: By eliminating the requirement to identify the location of nuclear material from accountability documents will eliminate unnecessary creation of Security Related Sensitive Information.	9/26/2006	No	FNMCP AC2-RG-071	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0289	0	Title: Revision to procedure AC4-PS-102, Surveillance, Test, and Inspection of the Feed Cart Cylinder Unit Fire Suppression System Description of Change: Add additional compensatory measures if the fire suppression system is found out of service. Reason for the Change: This is a procedure change required to reflect changes made to items relied on for safety (IROFS) IS-40.	9/15/2006	No	AC4-PS-102 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0290	0	Title: Ambient Temperature Conditions for Lead Cascade Operations (U) Description of Change: Change to revise the ambient temperature level assumed in support of the Lead Cascade Integrated Safety Analysis (ISA)/ISA Summary. Change to indicate a range of power parameters under which a centrifuge can operate. Reason for the Change: The first change was made to take into account variables that were not considered in the initial ambient temperature analysis. The second change was made to incorporate tolerances in power parameters.	10/3/2006	Yes	ISA/ISA Summary AC4-ON-013	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0291	0	Title: Isokinetic probe installation & Flow indicating transmitter change Description of Change: Install isokinetic probe and change the flow indicating monitor for the X-3001 Vent Monitor system. This modification includes the removal and insertion of a section of stack piping modified to mount the isokinetic probe, and the replacement of the 0 to 1000 scfm calibrated flow monitor with a flow monitor calibrated to 0 to 500 scfm. Reason for the Change: The original installation neglected to include an isokinetic probe with the vent monitor. In order to meet the Environmental Protection Agency and License Application, the sampling method must be via an isokinetic probe. An isokinetic probe is required to ensure that the velocity into the sample probe matches the velocity in the stack. The changes to the flow indicating monitor are required to provide better flow indication.	9/25/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0292	0	Title: Revision to procedure AC3-EG-302, CI Database Controls Description of Change: Revise Forms AC-72 and 72A to include Engineering Service Order, Engineering Change Record, and Facility Change Evaluation numbers as applicable. Delete 10 Code of Federal Regulations 21 applicability field from Form AC-72. Identify RFD and SE responsibilities. Enhance some of the wording in Sections 4.2 and 4.3. Revise Appendix A, "CI Database Change Process" flow diagram to align with the enhancements made to Sections 4.2 and 4.3. Delete Appendix B "Instructions for Completing a CI Database Change Record". Correct format errors. Reason for the Change: The procedure with Change 1 provides basic guidance and instructions for initiating, controlling, and documenting the Configuration Item (CI) Database for the American Centrifuge Plant. 10 Code of Federal Regulations 21 applicability field on the AC-72 is not necessary because it is covered in AC3-EG-406. AC2-EG-302 Change 1 implements the requirements of Section 11.1 of the Lead Cascade License Application, which commits Engineering to establishing and maintaining a controlled database for IROFS information.	9/21/2006	No	AC3-EG-302 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0293	0	Title: Revision to procedure AC2-RG-001, Facility Change Evaluation Description of Change: Revise AC2-RG-001 to include the reason why a CLCROA is not needed and add guidance for answering Question 5 in Appendix A. Reason for the Change: The Nuclear Regulatory Commission (NRC) has assumed regulatory authority over the Lead Cascade; however, some facilities that have been subleased are for the Commercial Plant which will be regulated by the Department of Energy until NRC assumes regulatory authority.	9/21/2006	No	AC2-RG-001 Ch. 13	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0295	0	Title: Revision to procedure AC2-RG-044, Nuclear Regulatory Event Reporting Description of Change: Change Nuclear Regulatory Commission (NRC) 30 day written reports to NRC 60 day written reports, and other editorial changes. Reason for the Change: Changes were made to Appendix B of AC2-RG-044 to agree with exemptions contained in the License Application and editorial changes were made to other sections of this procedure.	9/27/2006	No	AC2-RG-044 Ch. 6	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0296	0	Title: Machine Cooling Water Flow Rate Through High Quality Pressure Jumpers Description of Change: Install high quality flow pressure jumper between the supply and return of Machine Cooling Water (MCW) at each machine position. Included with the modification is the removal of existing jumpers, and the installation of new jumpers compatible with MCW pump's pressure. Reason for the Change: The present installed jumpers are not certified to meet the recirculation flow pump(s) pressure requirements. In order to continue operation of the MCW system, it is desired to keep these open to avoid collecting deposits therein that might end up being transferred to a machine when a machine is connected to the MCW inlet and outlet connection. The high quality jumpers are required to ensure of meeting the MCW pump's pressure and required flow rates.	9/27/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
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FCE 06-0297	0	Title: Various corrections to the Lead Cascade Integrated Safety Analysis Documents Description of Change: -- Eliminate the entry for the light gas "A" in Table 3.5-1. -- Indicate the current revision and date associated with document number TRB-1000-0001. -- Revise reference from one section to another. -- Revise the reference in Section 7.1.1 to reflect the current Quality Assurance Program Description (QAPD). -- Delete the 3rd sentence in Section 7.2, 2nd paragraph. The statement is not true. -- In Table 7.2-1 under the Control Strategy "Confinement/Leak Prevention and Mitigation," delete the redundant listing of the IROFS, "Procedures requiring use of PPE to prevent skin contact or inhalation of harmful materials (WRA)." -- In Table 7.2-1 under the Control Strategy "Emergency Response," delete the indication that event CP6-13 credits the IROFS "Alert, Notification, and Protection Actions - warns workers in the controlled area outside that building and subsequently the public outside the site boundary of an incident (WCA, Off)." -- Revise Section 7.5.1, 1st paragraph, 12th sentence to indicate the "unprevented" failure of the casing to contain the internals during a rotor failure accident is "Not Unlikely." -- Revise Table B-2 to change the Item numbers to start at 1.0 instead of 23.0. -- Revise Table B-3 to change the Item numbers to start at 1.0 instead of 45.0. -- Revise Table C-1 to indicate that the IROFS Preventive Maintenance - Periodic Inspection of Cylinders and Valves applies to both causes (1,2) for event CP3-1a. -- Revise Table C-1, event CP6-5 to indicate the unmitigated Risk Rank for the Offsite chemical receptor "A" instead of "B". -- Revise Table C-1, event CP6-10 to indicate the mitigated Risk Rankings for all receptors are "NA" except for WRA chemical consequences which is "B." -- Revise Table C-1, event CP6-13 to indicate the unmitigated Risk Rank for the WRA chemical receptor "A" instead of "B." -- Revise Table C-1, event CP6-13 to indicate the mitigated Risk Rankings for all receptors are "NA" except for WRA chemical consequences which is "B." -- Revise Table C-1, event CP6-13 to unbold the IROFS "Alert, Notification, and Protection Actions (WCA, Off)." The ISA only needed to credit the IROFS "Emergency Response Procedures - Immediate Actions (WRA)" to meet the performance requirements per 10 CFR 70.61. Reason for the Change: The proposed changes are necessary to make corrections to the Integrated Safety Analysis ((ISA)/ISA Summary so they accurately reflect the details, conclusions, and references in the analyses performed to establish the safety basis for the Lead Cascade.	10/3/2006	No	ISA/ISA Summary	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.
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FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0298	0	Title: Revision of the Return Period / Probability for High Wind Events in the Lead Cascade ISA Description of Change: -- Revise Section 6.2.1 item #38 to reflect the 40,000-year return period instead of the frequency 2.5×10 (superscript -5) per year. -- Revise Section 6.2.2 item #7 to add the wording about the associated 40,000-year return period. -- Revise Table 7.2-1 to reflect the correct wind event related IROFS. Under the control strategy "Building Features" revise "PB Structure designed for 100 mph straight wind, or a 2.5×10 (superscript -5) per year high straight wind event" to read as "PB Structure designed for 40,000-year return period wind event." -- Revise Section 7.3.7.3 to indicate that a 40,000-year return period wind event is associated with wind speeds up to and including 100 mph. -- Revise Table C-1, event CP7-4 to reflect the correct wind event related IROFS. Under the Preventive Controls column revise "PB Structure designed for 100 mph straight wind, or a 2.5×10 (superscript -5) per year high straight wind event" to read as "PB Structure designed for 40,000-year return period wind event." -- Revise Appendix E, event CP7-4 to reflect the return period for wind events as "40,000" instead of " 4×10 (superscript 4)." Reason for the Change: The proposed changes are necessary to refer to the return period associated with high wind events involving the Lead Cascade in a consistent manner.	12/19/2006	No	ISA/ISA Summary	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0300	0	Title: Revision to procedure AC4-OP-040, Cascade Conditioning Description of Change: Require administrative tags be placed on the Evacuation Vacuum system isolation valves prior to introducing UF6 into the cascade. The change also corrects spelling and grammatical errors and provides improvements to make the procedure steps flow better. Reason for the Change: Provide additional tagging requirements and clarify procedure requirements.	10/2/2006	No	AC4-OP-040 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0301	0	Title: Revision to procedure AC4-OP-049, Machine Acceleration & Deceleration Description of Change: Provide operational guidance to start and stop centrifuge machines. Reason for the Change: Resulted from changes to the machine drive unit and the control system.	10/2/2006	No	AC4-OP-049 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0303	0	Title: Installation of Modifications to Lead Cascade Security Access Control and Alarm System Description of Change: Install modifications associated with the Lead Cascade Security Access Control and Alarm System. Reason for the Change: Modifications to the Security Access Control and Alarm System.	10/3/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0304	0	Title: Revision to procedure AC4-AR-001, Machine Alarms and Responses Description of Change: Add new high creep alarm and response requirements. Reason for the Change: Provide new alarm and response requirements.	10/4/2006	No	AC4-AR-001 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0305	0	Title: Revision to procedure AC4-AR-001, Machine Alarms and Responses Description of Change: Add alarm and response requirements for six new alarms for casing temperatures and other editorial and simple changes. Reason for the Change: Provide new alarm and response requirements and clarify procedure.	11/28/2006	No	AC4-AR-001 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0306	0	Title: Revision to procedure AC4-OP-049, Machine Acceleration & Deceleration Description of Change: Expand Sections 7.2 and 7.3 to provide requirements for machine deceleration with and without inventory removal, in addition to other minor typographical and editorial changes. Reason for the Change: Provide additional requirements for machine deceleration. Clarify procedure requirements.	12/8/2006	No	AC4-OP-049 Ch. 4	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0307	0	Title: Revision to procedure AC4-OP-017, Dump Cart Operation Description of Change: Change the way instrumentation on the dump carts are set. Prohibit inventory from being placed in a dump cart that is in the defrost cycle. Minor typographical and editorial changes. Reason for the Change: Clarify procedure requirements.	12/15/2006	No	AC4-OP-017 Ch. 5	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0308	0	Title: Revision to procedure AC4-OP-002, Evacuation Vacuum Normal Operating Procedure Description of Change: Delete reference to the Machine Cooling Water solenoids and expands on the use of the stop button when closing the supply power to the pump. Other minor typographical and editorial changes were also made. Reason for the Change: Clarify procedure requirements.	12/15/2006	No	AC4-OP-002 Ch. 4	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0309	0	Title: Use of Drive Down Cart Description of Change: Provide the optional use of a Drive Down Cart (DDC) to decelerate a centrifuge. Reason for the Change: There will not be a DDC for each centrifuge so there needs to be an option to allow a centrifuge to coast down on its own.	10/5/2006	No	ISA/ISA Summary	Yes	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0310	0	Title: Revision to procedure AC4-ON-007, MIP Replacement at an Operating Position Description of Change: Consolidate procedure requirements, renumber steps, and add tools required. Reason for the Change: This change was a result of the procedure validation process.	10/4/2006	No	AC4-ON-007 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0311	0	Title: Recycle/Assembly Heating, Ventilation, and Air Conditioning Controls Modification Description of Change: Addresses the modifications associated with the Recycle/Assembly Building Heating, Ventilation, and Air Conditioning (HVAC) System, under SOW-2301-0011 and ESO-2301-0003. The work contained in this SOW consists of replacing the existing HVAC controls in the X-7725. Reason for the Change: Replace existing HVAC controls to provide a more reliable system to maintain and operate.	10/5/2006	No	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0312	0	Title: Revision to IHS-2601-0001, Health and Safety Plan for Construction Description of Change: -- Add information/guidance to Job Specific Safety Plans section. -- Update contractor training requirements and differentiate between on-sight training requirements and other applicable Occupational Safety and Health Administration training requirements. -- Revise the Job Specific Safety Plan form to add a third page listing training requirements, and add "training verified" section for contractor to check verifying each individual worker has the required training for job duties under the safety plan. -- Develop Hexavalent Chromium section. -- Add information/guidance to Fall Protection section. -- Add information/guidance to Signs and Boundaries section. Reason for the Change: Provide additional procedure requirements and clarification to existing requirements.	10/25/2006	No	IHS-2601-0001 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0313	0	Title: Revision to procedure AC2-RG-049, Fall Protection During Elevated Work Description of Change: Change to correct procedure format. Reason for the Change: Change the format of the procedure to the Lead Cascade Facility format.	11/13/2006	No	AC2-RG-049 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0314	0	Title: Guard for Machine Cooling Water Overhead Drain Description of Change: Install a new steel frame and caution signs around a Machine Cooling Water drain pipe in the X-3001 Process Building. Reason for the Change: The new steel frame and caution signs will caution equipment operators to avoid impact with the drain line.	10/16/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0316	0	Title: X-3001 Lead Cascade Demolition Description of Change: Work activities associated with demolition work within the X-3001 Lead Cascade under the following SOW's: -- SOW-2202-0014, Lead Cascade 3 Demolition. -- SOW-2202-0015, Lead Cascade Area Electrical Cleanup. Reason for the Change: The work described in SOW-2202-0014 is necessary to prepare the service modules for installation of new power and instrument cables for LC3. The cables and instrument lines removed by SOW-2202-0015 will not be re-used for Lead Cascade operations.	10/19/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0320	0	Title: X-3001 Mass Spec Valve Additions Description of Change: Installation of miscellaneous valves and support brackets, as necessary throughout the Mass Spec System to be used to isolate the equipment to facilitate maintenance calibration activities. Reason for the Change: Install valves in X-3001 Mass Spec System to allow isolation of equipment to facilitate maintenance calibration activities.	10/26/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0321	0	Title: LC LA Chapter 2 Change to Accommodate New "Lead Supervisors, Operations and Maintenance" position. Description of Change: Add Maintenance and Operations Supervisors. Reason for the Change: To improve the effectiveness and span-of-control associated with the Operations and Maintenance management chain.	11/9/2006	No	LA Chapter 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0322	0	Title: Centrifuge Machine Design Changes Description of Change: The Reliability Machines (RM) comply with this design and are included in this evaluation. Engineering Change Requests (ECRs) received since 8/31/2006 that involves changes to the tooling and fixtures used to assemble the machine or to handle component parts. A number of the ECR's involve minor changes such as dimensional changes (primarily tolerances), material changes, cleaning marking or packaging requirements, and typographical corrections. Reason for the Change: Design requirement changes.	11/6/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0323	0	Title: Revision to procedure AC4-OP-053, Machine Venting with the Backfill Unit Description of Change: Change procedure to allow centrifuge machines to be backfilled with nitrogen or plant air. Reason for the Change: Changes to the procedure to allow backfilling centrifuge machines with nitrogen or plant air.	11/17/2006	No	AC4-OP-053 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0324	0	Title: Modifications to provide de-humidification control to the ACR. Description of Change: Work activities associated with SOW-2415-0014, Modifications to provide De-humidification Control to the ACR, includes the installation of a water heater, two centrifugal pumps, piping, and associated valves. In addition, the installation of two electrical thermostats and control valves. Reason for the Change: Provide dehumidification to the Area Control Room.	11/13/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0325	0	Title: Manually operated chain to operate existing cooling tower valves. Description of Change: Activities required to install new chain multipliers to operate existing elevated valves in the supply and return of the tower cooling water (TWC) in east side of the X-3001 Process Building. Reason for the Change: The existing 6" valves (IN-TWR-H2 and IN-TWS-H2) are located approximately 15 feet off the floor. They are in the main piping that provide services for X-3012 building. In an emergency situation, it would be difficult to operate these valves due to their height above the floor. Therefore, installing chain multipliers to operate these valves will enhance the safety operation and provide integrity of the piping in case of the need to close the valves immediately.	11/9/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0326	0	Title: Correct CI Database Reference for FIT-706C Description of Change: Correct CI database field for FIT-706C on Lead Cascade 1-4 to read what the Distributed Control System currently reads for an instrument range (0-300 GPM), and correct the reference to FPM as required. Reason for the Change: Correct CI database references.	12/20/2006	No	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0328	0	Title: Revision to procedure AC4-OP-049, Machine Acceleration & Deceleration Description of Change: Provide guidance on Drive Down Unit hook up and operations, in addition to editorial changes. Reason for the Change: Clarify procedure requirements.	11/20/2006	No	AC4-OP-049 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0329	0	Title: Revision to procedure AC4-AR-003, Evacuation Vacuum System Alarms and Responses Description of Change: Provide guidance on how to respond to Evacuation Vacuum System alarms. Reason for the Change: Provide additional guidance on responding to Evacuation Vacuum System alarms.	11/20/2006	No	AC4-AR-003 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0330	0	Title: Revision to procedure AC4-AR-004, Purge Vacuum System Alarms and Responses Description of Change: Provide guidance on Purge Vacuum System alarms. Reason for the Change: Provide additional guidance on Purge Vacuum System alarms.	11/20/2006	No	AC4-AR-004 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0331	0	Title: Revision to procedure AC4-OP-050, Machine Conditioning, Tails Scoop Verification, and Charging with UF6 Description of Change: Shifting valving tables so that the procedure flowed better. Other minor typographical and editorial changes were also made. Reason for the Change: Clarify procedure requirements.	12/15/2006	No	AC4-OP-050 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0332	0	Title: Revision to procedure AC4-OP-001, Purge Vacuum Normal Operating Procedure Description of Change: Delete reference to the Machine Cooling Water solenoids. Other minor typographical and editorial changes were also made. Reason for the Change: Clarify procedure requirements.	12/20/2006	No	AC4-OP-001 Ch. 6	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0334	0	Title: Revision to procedure AC2-RG-051, Electrical Safety Guidelines Description of Change: Provide detailed information on National Fire Protection Association (NFPA) 70E requirements for working on energized electrical parts. Reason for the Change: Add NFPA 70E requirements to the procedure.	11/30/2006	No	AC2-RG-051 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0335	0	Title: Revision to procedure AC4-OP-066, Mass Spectrometer Operation Preparation Description of Change: The changes consist of editorial and changes to incorporate changes to DWG X-3001-929-CA and new valve alignments due to new valves being added. Reason for the Change: Provide additional guidance on how to prepare the Mass Spec for operations.	11/29/2006	No	AC4-OP-066 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0336	0	Title: DUF6 Conversion Facility temporary use and storage of propane for heating during cold weather. Description of Change: Uranium Disposal Services (UDS) intends to provide temporary heating of their DUF6 conversion main process building while under construction utilizing propane heaters and storage tanks. Reason for the Change: This evaluation was performed to determine the impact of this change upon the Lead Cascade.	12/1/2006	No	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0337	0	Title: Revision to procedure AC2-MP-001, Facility Safety Review Committee Description of Change: Clarify that the Facility Safety Review Committee (FSRC) Chairperson is responsible to ensure members and alternates are trained and meet minimum qualifications. Reason for the Change: AC2-MP-001 did not state who was responsible for signing the FSRC Member Qualification Card. This revision was necessary to make it clear that the FSRC Chairperson will ensure FSRC Members and alternates have completed necessary training and meet the minimum qualifications.	12/1/2006	No	AC2-MP-001 Ch. 5 PS #U0004 Rev. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0338	0	Title: Revision to procedure AC4-OP-016, Feed Cart Operation Description of Change: To better organize the procedure and add valve lineup check sheets to be consistent with Integrated Safety Analysis (ISA) 7.3.1.1. Reason for the Change: Clarify procedure requirements.	12/5/2006	No	AC4-OP-016 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0339	0	Title: Revision to procedure AC4-OP-017, Dump Cart Operation Description of Change: This change makes the procedure more modular to support maintenance activities. Steps were added throughout the procedure for clarity and other minor changes were made for consistency. Reason for the Change: Procedure change to make the procedure more modular for Maintenance activities.	12/4/2006	No	AC4-OP-017 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0342	0	Title: Installation of Duplex Strainer in X-7726 West Utility Room Description of Change: Install a new 6" duplex strainer to switch basket for cleaning/draining purpose without shutting down the hot water recirculation system in the X-7726 West Utility Room. Reason for the Change: Existing strainer is a single basket type when plugged is shut down and a length of piping is drained before basket removal. There are no valves or by pass installed to isolate the existing strainer. The existing system does not have that flexibility to maintain the system operational without shutdown and draining. The new duplex strainer does not require new valves. Therefore, installing this type of strainer will enhance the maintenance in keeping the Recirculation Hot Water operational.	12/7/2006	Yes	None	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0343	0	Title: Revision to procedure AC2-EG-017, IROFS Surveillance Description of Change: Changes include: -- IROFS Surveillance IS-002, Rev. 3: Changed frequency from annual to semi-annual. -- IROFS Surveillance IS-005, Rev. 3: Added a sentence under "Attributed" to say, "The wind speed associated with a 40,000-yr return period wind event is 100 mph." -- IROFS Surveillance IS-014, Rev 3: Changed the example under "IROFS Failure Criteria" from "UF6 handling equipment" to "centrifuge or process headers". Reason for the Change: Changed frequency from annual to semi-annual to comply with the commitment made in Steven A. Toelle's (USEC) letter to Mr. Martin J. Vigilio dated October 3, 2003. Other changes were made to clarify surveillance requirements.	12/18/2006	No	AC2-EG-017 Ch. 7	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0344	0	Title: Revision to procedure AC2-TP-001, Procedure Process Description of Change: Provide the requirements to allow the procedure owner a means to indicate that no training is needed when the change is minor in nature or training is not deemed necessary. Provide detail concerning performance of procedure periodic review. Reason for the Change: AC2-TP-001 did not provide procedure owner a means to indicate that no training is needed when the change is minor in nature or training is not deemed necessary. In addition, Change 8 did not contain sufficient detail concerning performance of a procedure Periodic Review.	12/19/2006	No	AC2-TP-001 Ch. 9	No	None of the criteria listed in 10 CFR 70.72(c) are met.

FCE Number	Rev.		Approval Date	Change to SSC?	Documents Modified Due to Change	ISA Summary Update Required?	Reason NRC Preapproval Not Required/Comments
FCE 06-0345	0	Title: Revision to IHS-2601-0001, Health and Safety Plan for Construction. Description of Change: -- Add information and guidance to the Electrical Safety section to incorporate Occupational Safety and Health Administration and National Fire Protection Association (NFPA) 70E requirements. -- Add guidance to Excavation/Surface Penetration section. -- Added guidance to Confined Space section. -- "Site Technical Representative (STR)" was included with or replaced "Construction Engineer (CE)". Reason for the Change: Add additional guidance/clarification to existing programs already addressed in the Health and Safety Plan for Construction, as well as to provide guidance on the NFPA 70E, Electrical Safety program.	12/14/2006	No	IHS-2601-0001 Ch. 3	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0346	0	Title: Revision to procedure AC4-ON-008, Loss of Instrument Air Description of Change: Add steps to Sections 7.2.6 and 7.4.1 for isolation of the mezzanine air jet upon loss of instrument air. Reason for the Change: Provide procedure clarification.	12/29/2006	No	AC4-ON-008 Ch. 1	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0349	0	Title: Revision to procedure AC2-RG-003, Regulatory Communications Description of Change: Modify AC2-RG-003 Regulatory Communication procedure appendices to be consistent in identifying the organization that is responsible for developing outgoing correspondence, minimum concurrences, signature authority and who the correspondence is to be sent to. Also includes minor editorial changes and the posting of Nuclear Regulatory Commission (NRC) notices and information to employees. Reason for the Change: Revision to ensure plant personnel know how correspondence will be handled and to know what regulator the correspondence must be sent to, and to ensure posting of NRC notices and information to employees is done in a consistent manner.	12/22/2006	No	AC2-RG-003 Ch. 4	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0350	0	Title: Revision to procedure AC4-OP-016, Feed Cart Operation Description of Change: Change to capture the necessary steps to include the use of a manometer on the feed cart. Attachment G has been added to clarify use of the Feed Cart Controller. A section was added to use existing vacuum pump and chem trap for cart evacuation. Enhancements and nomenclature changes were also included. Reason for the Change: Clarify operations of the feed cart.	12/15/2006	No	AC4-OP-016 Ch. 4	No	None of the criteria listed in 10 CFR 70.72(c) are met.

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FCE 06-0351	0	Title: Revision to procedure AC2-EG-003, Nuclear and Commercial Modification Controls Description of Change: Add note to Appendix G to clarify that some documents, which are part of the modification package, are filed separately in EDMS and should be cross-referenced to the Engineering Service Order number. Correct reference from Form AC-28 to Form AC-44 on Form AC-21, Sheet 5. Provide guidance to Engineers performing design modifications to ensure compliance with Section 11.1 of the Lead Cascade License Application and Section 3 of the Lead Cascade Quality Assurance Program Description. Reason for the Change: Clarify procedure requirements.	12/20/2006	No	AC2-EG-003 Ch. 6	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0352	0	Title: Revision to procedure AC2-EG-009, Processing Modification & Project Changes Description of Change: Add note to Appendix H that states, "ECRs are transmitted to Records Management with the ESO package." Reason for the Change: Clarify procedure requirements.	12/20/2006	No	AC2-EG-009 Ch. 5	No	None of the criteria listed in 10 CFR 70.72(c) are met.
FCE 06-0354	0	Title: Revision to procedure AC4-AR-004, Purge Vacuum System Alarms and Responses Description of Change: Provide procedure requirements for newly installed current monitoring alarms on the Purge Vacuum pumps. Reason for the Change: Provide alarm and response requirements for new alarms.	12/29/2006	No	AC4-AR-004 Ch. 2	No	None of the criteria listed in 10 CFR 70.72(c) are met.