



Westinghouse Electric Company LLC
Nuclear Fuel
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January 18, 2010

SUBJECT: WESTINGHOUSE 10 CFR 70.72 FACILITY CHANGE REPORT

Westinghouse Electric Company LLC (Westinghouse) hereby submits the report of Columbia Fuel Fabrication Facility (CFFF) changes that did not require NRC pre-approval in accordance with 10 CFR 70.72. This report addresses those changes completed within calendar year 2009. Westinghouse had no facility process changes that required Nuclear Regulatory Commission (NRC) pre-approval during calendar year 2009.

Westinghouse uses an integrated safety review approach for all modifications of, or additions to, existing structures, systems and components at the Columbia Fuel Fabrication Facility (CFFF). This process is described in, and conducted in accordance with the requirements of CFFF Regulatory Procedure RA-104, "*Regulatory Review of Configuration Change Authorizations.*" This integrated review is conducted by the various regulatory disciplines, to include Radiation Safety, Environmental Protection, Nuclear Criticality Safety, Safeguards, Fire Safety, Chemical/Industrial Safety and other applicable Health and Safety experts when necessary. The Manager of the Environmental Health & Safety (EH&S) Department further assures regulatory requirements are satisfied and provides final EH&S approval of the Configuration Change. A key aspect of this review is a determination if the change is not prohibited by: 10 CFR 70, a SNM-1107 license condition, or a governing order. The reviewers decide whether NRC pre-approval and SNM-1107 license amendment changes are required prior to implementation.

Specific guidance is also provided to ensure that NRC pre-approval is obtained for changes that:

- create new types of accident sequences that, unless mitigated or prevented, would exceed the performance requirements of 10CFR70.61 and that have not been previously described in the ISA Summary;
- use new processes, technologies or control systems for which the licensee has no prior experience;
- remove an Item Relied On For Safety in the ISA Summary without at least an equivalent replacement of the safety function; or

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NMS801

- alter an Item Relied On For Safety that is the sole item preventing or mitigating an accident sequence that exceeds the performance requirements of 10CFR70.61.

All of the changes identified in the attachment to this correspondence were evaluated in accordance with this procedure, and a determination was made that NRC pre-approval of the respective change was not required. This determination was documented on each change authorization form by the appropriate regulatory engineering review functions. For all of these changes, the regulatory engineering review function checked the "No" box on the form for "NRC pre-approval required?".

If you have any questions, please contact me at (803) 647-2045.

Sincerely,



Gerard F. Couture, Manager
Licensing and Regulatory Programs
Westinghouse Columbia Fuel Fabrication Facility

Docket 70-1151 License SNM-1107

Attachment

cc: U. S. Nuclear Regulatory Commission, Region II
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Attn: Christopher Ryder, Project Manager

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CCF Approved By Engineer for Startup Annual Report						
CCF Number	Approved	Justification	Title	Description	Location	ISA ID
6546	9/30/2008	The waterglass dryer is no longer being used. It is an eye sore and consume valuable real estate.	Decommission and Remove Waterglass Dryer	"Decommission and Remove Waterglass Dryer"	Waterglass Building	ISA-15 URRS Wastewater Treatment System
6566	11/1/2006	This heat exchanger has been taken out of service and causes a flow restriction in the the distillation process.	Remove HX-1180B	"Remove HX-1180B"	Ammonia Distillation, System 2	ISA-06 Chemicals Receipt, Handling and Storage
6600	12/1/2006	The installation of a splash shield will minimize the potential of personnel using the nearby stairs or area below the platform from receiving Nitric acid burns.	Splash shield for Nitric Acid on D-307 Platform	"The outlet for Nitric acid located on the decanter platform is located in a traffic area. Installing a shield/guard made of sheet metal would decrease the potential for acid being splashed onto personnel located below the platform. The shield will be	Line 3 Decanter platform	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
7007	2/19/2007	accurate alarm enunciation	Hot Oil PLC Fault Indication	"Programming will be added to the ADU conversion utilities PLC Plantone to make use of existing wiring. The combination of the new programming and existing wiring will enable the hot oil system 1 and 2 PLC fault indications on the HMI displays in the AD	ADU conversion hot oil systems	ISA-03 ADU Conversion
7026	2/6/2009	Current glass column is leaking and parts to repair it are obsolete.	Solvent Separator	Replace 4"(inside diameter) X 108" glass spool piece with 6" X 108" glass spool piece.	SOLX	ISA-07 Solvent Extraction
7039	1/22/2007	The Nitric line is suspended ~15 feet in the air. Any repair work must be done at the location. Flanges would allow the line to be taken down and repairs could be made at a safer elevation.	Additional flanges in Nitric acid line	"The Nitric acid line located behind Line 5 will be fitted with flanges to facilitate accessibility for repairs and other maintenance."	Line 5 adjacent to the 506 column	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
7075	10/13/2009	Safety, operability	Replace P-945A with two centrifugal pumps	1. The incinerator cooling system relies on one standard centrifugal pump. This is a problem if this pump fails because cooling is lost. Emergency water will come on in the situation and hundreds of gallons of water will flow out onto the floor. 2. The	Incinerator	ISA-13 Low Level Radioactive Waste Processing
7130	4/23/2009	Improved crit safety and operability. Current design is not adequate - it plugs frequently. This pluggage leads to challenging a crit safety SSC.	Redesign incinerator conveyer discharge	"Redesign incinerator conveyer discharge chute. Remove two flapper valves and install a new chute (8 x 8) with a single knife valve and a vibrator. Reprogram DCS to accommodate changes."	Incinerator	ISA-13 Low Level Radioactive Waste Processing
7131	3/16/2007	Operability	Add remote control to UF6 bay crane	"Remove hard wired control and replace with remote control for UF6 bay crane"	UF6 bay - URRS	ISA-11 Scrap Uranium Processing

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
7167	3/13/2007	This will be an improvement to the area and will protect the integrity of the dry room enclosure.	IFBA Wall Protection	"Currently, some walls in the IFBA area and the dry room are being damaged when pellet carts and/or oven cassettes are pushed against a wall for storage. This CCF is to cover the installation of stainless steel plates on walls in IFBA where pellet carts	Walls in IFBA and interior of Dry Room	ISA-14 IFBA Processing
7196	3/30/2007	The rebuild parts for the existing Sandpiper pumps are becoming obsolete and it is becoming increasingly difficult to rebuild them. We currently use the Wilden P-200 in other processes and are happy with their performance.	Sandpiper Condensate Pump Replacement	"Replace the twelve Sandpiper SB1-A air diaphragm pumps for the condensate removal system in the UF6 Bay with stainless steel Wilden P-200 air diaphragm pumps. The replacement pumps will be Wilden P200/SSPPP/TNU/TF/STF/0730"	UF6 Bay	ISA-03 ADU Conversion
7210	4/20/2007	The present system lacks a local isolation valve.	Natural Gas Valve on PowerMaster Boiler	Add a 3" valve in the natural gas supply piping to Power Master Boiler #3.	Boiler House	Grounds

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
7219	5/4/2007	operability	ADU Conversion 411 Pump Control	"ADU conversion control room HMI scripting will be corrected to restore control of pump 411 from the HMI."	ADU conversion control room	ISA-03 ADU Conversion
7297	5/29/2007	Provide Emergency Power to the Medical Department. This area is critical if we were to have an event. This area is staffed during shutdown but there is no Emergency Power	Emergency Power to Medical Area	"Provide Emergency Power to the Medical Department."	Medical Department	Grounds
7308	6/25/2007	"The Ondyne System has been abandoned in place. The Ondyne system was replaced with a panametrics system; and needs to be removed. Removing the Ondyne system will give us an opportunity to test Vaisala probes in the drybox. Vaisala is the newer type pr	Remove Obsolete Ondyne Moisture Monitor in IFBA	"Remove the obsolete OnDyne Moisture Monitoring system on the IFBA drybox, and test Vaisala probes in that location."	IFBA Dry Box	ISA-14 IFBA Processing

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
7354	7/18/2007	To correct for problems with various bottom end vertical style plugger modules.	Rotary Plugger Drum Line 8	"On line 8, add air solenoid and modify PLC ladder logic in preparation for implementation of rotary plugger. Similar work was completed on Line 9 in 2006."	Line 8 (Tube Prep)	Miscellaneous
7379	4/7/2009	Safety	Replacement of T-20, Ammonia Hydroxide Tank, in the Tank Farm	"T-20 has been identified during an tank inspection to be in need of replacement. T-20 will be replaced with a new 30,000 gallon vertical tank."	T-20 in Tank farm	ISA-06 Chemicals Receipt, Handling and Storage
7392	7/17/2007	Improved safety, maintainability, operability.	Fab overflow piping from Hastelloy C-22 instead of stainless	"Fabricate quench tower emergency overflow piping from Hastelloy C-22 instead of 304 SS. The newly installed 304 SS piping is severely corroded. All other equipment in similar service in the incinerator is made of Hastelloy C-22."	Incinerator	ISA-13 Low Level Radioactive Waste Processing
7408	10/20/2009	The button will safely shut down the line without the need to have pesonnel in the area.	Install E-stop for Line 5	"An E-stop will be installed to allow Operations to shut down the line in an emergency situation."	Conversion Control Room	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
7414	10/16/2009	Removal of obsolete equipment	Removal of Tank T-20 from the Tank Farm	"T-20 is being replaced with a new vertical tank, reference CCF 07-379. The old tank, when taken out of service, will need to be removed."	Tank Farm	ISA-06 Chemicals Receipt, Handling and Storage
7458	9/30/2008	Current exhaust utilizes only 1 NW50 port on chamber. This manifold creates additional exhaust area. Exhaust will still port to the central scrubber. This manifold will allow for better control of weld fumes and removal from chamber.	Laser 6 Chamber A Manifold	Install and test new exhaust manifold to Chamber A of Laser 6 (Drawing Lumonics Drawing B914568, rev. A). Note this manifold is an improved version of manifold supplied by Lumonics on Laser Welding System #4 in 1995-1996 time frame and has been in contin	Laser Welding System #6	Miscellaneous
7465	2/25/2009	Existing scales are not operational and are obsolete. No direct replacements are available.	IFBA Rod Line 7 Rod Scales	"Replace both existing scales with Mettler Model # XS16001L scale."	Rod Line 7 Weigh Station	ISA-12 IFBA Fuel Rod Manufacturing

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
7475	9/8/2007	The current configuration is leaking at the majority of the threaded connections. FSS003-61 states that welded construction is preferred for new piping installations and that ball valves are preferred for 1/2" thru 4".	Modify Fuel Oil Manifold	"Modify Fuel Oil Manifold. Replace with welded and flanged fittings. Replace all gate and globe valves with ball valves. Add double block and bleed and pressure indication to pump configurations. Follow Piping specification #71 on FSS003-61."	Fuel Oil Pad	Grounds
7486	9/25/2007	The current bin-o-matic has a 1/4" NPT female thread and does not fit properly with the Westinghouse made paddle. It needs to be changed to fit the bin-o-matic.	Bin-O-Matic Paddle Threads	The detailed drawing of the bin-o-matic paddle which is detailed in 336F06EQ05 sheet 2, item 36 (SR# 020127) shows a 1/2 - 20 thread. It needs to be changed to a 1/4" NPT thread to fit the bin-o-matic.	Bin-O-Matic	ISA-03 ADU Conversion
7492	9/25/2007	This meter will allow us to measure the flow of breathing air.	Breathing Air Flowmeter	"Install a vortex flow meter in the Breathing Air supply pipe."	Facilities	Grounds

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
7530	10/15/2007	The equipment has been abandoned in place. The manifold is taking up valuable space which can be used for other equipment.	Removal of abandoned UN pipes and valves	"Behind V-506A is a manifold for UN from different sources. The manifold is no longer used and has been abandoned in place. The pipes and valves identified in the drawing will be removed. The removal will in the future allow pumps to be mounted in the	V-506A	ISA-03 ADU Conversion
7533	1/21/2009	The Erbia grinder line was built without a pellet scrap collector at the end of the conveyor where pellets fall. Add a small hopper will collect the pellets in one location, eliminating pellets from falling on the floor and enrichment control issues.	Erbia Grinder Scrap Collector	"Add a small scrap collector at the end of the grinder conveyor line."	Erbia Grinder Conveyor	ISA-20 ERBIA

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
7534	10/10/2007	The LN6 centrifuge lid will not stay open under its own weight. This requires the operator to hold the lid open while trying to clean the centrifuge bowl at the same time. The risk for an injury is high.	Line 6 Centrifuge Lid Latch	"Add a tether and latch to hold open the LN 6 small centrifuge lid during ECO's."	LN6 Centrifuge	ISA-08 Pelleting
7535	11/9/2007	Making this a seperate CCF will allow for a staged start up of line 5 where the line can continue operating processing nitrate while the Vaporization system is being tested.	Precipitator Safety Significant Controls	"CCF 05-420 for the ADU Line 5 Vaporizer has included in it the new level controls for SSC ADUPCP-901 and ammonia flow control for SSC WT-108 for line 5. These controls along with flow controls FIC-502-9 and FIC-506B on the new C200 BPCS need to be move	ADU Line 5 Wet End	ISA-03 ADU Conversion
7555	7/24/2009	unit is 38 years old- Safety-Quality-Production	Demo Ipsen #2 Vacuum Furnace	"Remove existing furnace for new installation."	Next to #3 Ipsen	Miscellaneous

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
7598	11/19/2007	The pneumatic timers are very difficult to adjust and often result in either missed weld cycles or delayed production. Several hours were lost recently when this timer was replaced. Currently, line 8 runs with a PLC timer instead if the pneumatic timer.	PLC timer for line 9 thermal compensators	"Change the timer on the girth weld chambers on line 9 from pneumatic timers to PLC controlled timers"	Rod line 9, both girth weld chambers	Clean Side Rod Area
7614	1/23/2009	Ingersoll Rand has recently published a warning statement which reads "Ingersoll-Rand air compressors are not designed, intended, or approved for breathing air applications. Ingersoll-rand does not approve specialized equipment for breathing air applicati	Breathing Air Compressor	This project involves the removal of the 50 HP Ingersoll Rand SSR-EP50SE Air Compressor and 400 gallon Air Receiver which was installed in 2000 to operate as the primary breathing air system. Immediately following the demo of the I/R, the installation o	IFBA Mechanical Equipment Room	ISA-14 IFBA Processing

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CCF Number	Approved	Justification	Title	Description	Location	ISA ID
7621	1/24/2008	Improved safety and operability	Enlarge backflow preventer drain lines	Enlarge backflow preventer drain lines from 1" to 3". The 1" size is undersized. Additionally, move backflow preventers from incinerator roof to incinerator room.	Incinerator room	ISA-13-Low Level Radioactive Waste Processing
7647	1/24/2008	To allow line 8 to help support the new oxide coater without the need for manual inspectors.	AVIS on 8 (Part 2)	"Installation of the AVIS station on the material handling equipment previously installed under CCF# 07-348. (Project was split up due to the limited time available for the installation. The AVIS station as shown in attached C1 drawing 463F10EQ02,13 was	CFFF, Rod line 8	Clean Side Rod Area-ISA-10 ADU Rod

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
7665	1/24/2008	The type grease for the pillow block bearings is currently not specified. Standard lithium, extreme pressure, NLGI Grade 2, grease(Keystone 81 EP-2 - S/R # 43024) has typically been used. However, frequent bearing failures due to grease break-down @ high	Blue-M Oven Pillow Block Bearing Grease Specification.	Specify Alithicon M-888 high temperature grease for use in the pillow block bearings for the Blue-M ovens with "guilotine" door lift systems.	ADU Line 1, 2 & 5, Pilot Line, Erbia Clean Scrap, Erbia Dirty Scrap.	ISA-08 Pelleting
8019	3/12/2009	The furnace OEM, Lindberg, uses the P-D Refractories brick successfully in sintering furnaces in the nuclear fuel industry. Lindberg recommends using this brick for future furnace re-bricking to improve life cycle and lower brick costs. For brick compar	Furnace Brick Substitute	"Allow use of P-D Refractories / Dr. C. Otto GmbH K 99 and OFL 148 brick as a substitute for Norton AH-199 & AN-599, brick respectively."	ADU & Erbia Sintering Furnaces	ISA-08 Pelleting

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8021	1/24/2008	The current hoses leak. The removal of the o-ring will return the hose to its original design.	Replace Line 5 Hydraulic Hoses to Decanter	"Replace Line 5 Hydraulic Hoses to Decanter. The new hoses will eliminate the o-rings on the ends. The seal will be metal on metal. The support bracket for the hose will also be modified as needed to support the new hoses."	Line 5 Decanter hydraulic hose	ISA-03 ADU Conversion
8030	4/4/2008	When the rod-out tool needs to be removed, it will allow the installation of a vent hatch to seal the system. This will allow the rod-out tool to be taken to the shop and repaired properly without the pressure of time demands.	Rod-out tool replacement	"The rod-out tool (on Lines 3 and 4) needs to be removed on occasion. A vent hatch is placed in the rod-out tool's opening. The vent hatch is similar to the hatches on Lines 1, 2, and 5. This CCF will allow the installation/use of the rod-out tool or v	Lines 3 and 4 Calciner scrubber	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8091	5/12/2008	= "Unix Lab are experiencing heating issues that could shut the computer room down partially due to the current supply air is connected to AC05. AC05 is comfort air for the offices and the unit comfort air is changed according to how people in the office	AC06 Duct Tie-in to Unix Lab	Tie-in 8" duct from the main supply trunk of AC06 to the Unix Lab in the computer room.	HP Unix Lab	Miscellaneous
8118	3/12/2008	Spare parts simplification	Line 1 Moisture Sampler Pack in Place Sensor	The pack in place sensor which is currently a metallic barrel threaded capacitance proximity switch will be change to a plastic barrel threaded capacitance proximity switch. The same change is being made on line 2. Line 2 has the only mill hood equipp	Mill	ISA-03 ADU Conversion

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GCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8119	3/12/2008	spare parts simplification	Line 5 Moisture Sampler Pack in Place Sensor	<p>The pack in place sensor which is currently a metallic barrel threaded capacitance proximity switch will be change to a plastic barrel threaded capacitance proximity switch.</p> <p>The same change is being made on line 2. Line 2 has the only mill hood equip</p>	mill	ISA-03 ADU Conversion
8122	4/4/2008	New stainless steel DI water lines to the ADU Pelleting Area Furnaces are being installed to replace old DI water PVC piping and associated mechanical components. The old DI water PVC piping/components should be removed since they are no longer needed.	Removal of Out of Service Pellet Area DI Water PVC piping/components	"Out of Service ADU Pelleting Area Furnaces DI Water PVC piping and associated mechanical components need to be removed."	ADU Pelleting Area Furnaces	ISA-08 Pelleting

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8132	4/4/2008	Spare parts simplification.	Line 4 Moisture Sampler Pack in Place Sensor	<p>The pack in place sensor which is currently a metallic barrel threaded capacitance proximity switch will be changed to a plastic barrel threaded capacitance proximity switch.</p> <p>The same change is being made on line 2. Line 2 has the only mill hood equippe</p>	Conversion Line 4 Fitzmill Product Hood	ISA-03 ADU Conversion
8135	4/4/2008	Spare parts simplification.	Line 3 Moisture Sampler Pack in Place Sensor	<p>The pack in place sensor which is currently a metallic barrel threaded capacitance proximity switch will be changed to a plastic barrel threaded capacitance proximity switch.</p> <p>The same change is being made on line 2. Line 2 has the only mill hood equippe</p>	Conversion Line 3 Fitzmill Product Hood	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8139	2/26/2009	A new CSE will be implemented which requires that carriers will be kept 12" apart.	Polypak Carrier Bumpers	The carriers for polypaks will have to be modified to prevent the carts from coming within 12" of one another. A carbon steel bumper will be designed and fabricated per the attached drawing. This bumper will be welded on to each carrier to obtain the desired	Carriers on the lines, storage area, and bulk room	ISA-16 Nuclear Material Storage
8151	10/8/2008	The current vacuum blower is obsolete and a direct replacement is not offered. Previously approved CCF 04-032 was completed to allow replacement of the Hoffman vacuum blower 37703A with a Spencer Vacuum blower model 15X02 HMOD. This CCF will cover the i	Spencer Blower Installation (Line 5)	Replace the current vacuum blower with a previously approved replacement model. See CCF 06-112 for previous approvals for line 4 grinder.	Line 5 Grinder	ISA-08 Pelleting

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8166	5/2/2008	This instrument is not required and must be removed to accommodate construction plans for upgrading the hydrolysis column piping system.	Hydrolysis Ronan Density Meter Demolition	"Perform the demolition of the line 1 hydrolysis Ronan density meter and associated structural steel and electrical equipment."	V-102	ISA-03 ADU Conversion
8183	6/23/2009	Locking open a valve to act as an overflow is not a good practice. This overflow is also mandated by CSE-2-A.	Overflow pipe for V-106A	"An overflow pipe will be installed for V-106A. Currently the valve for the high leg of the level transmitter is locked open to function as the overflow."	V-106A	ISA-03 ADU Conversion
8184	6/23/2009	Locking open a valve to act as an overflow is not a good practice. This overflow is also mandated by CSE-2-A.	Overflow piping for V-506A	"An overflow will be installed on V-506A. Currently the valve for the high leg of the level transmitter is locked open to function as the overflow."	V-506A	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8185	7/30/2008	"The water on the discharge screws has been valved off for many years. The water to the Fitzmill is also turned off and can be removed. The removal of the piping will assure that water does not get into the equipment due to leaking valves. The water f	Water removal from Line 2 Discharge screws and Fitzmill	"Remove the process cooling water from the 1st and 2nd discharge screws and from the Fitzmill enclosure. The piping will also be removed as far back as possible."	1st and 2nd discharge screws and Fitzmill	ISA-03 ADU Conversion
8196	4/29/2008	The larger sized unthreaded holes will allow for easier installation and adjustment of the sensors. The spool piece will allow for a consistent "dwell time" independent sample and will help standardize the collection process across all lines.	Line 4 Sampler Upgrades	Drill out the Line 4 sensor tabs for the "cup in place" sensors and install the new sample size limiting spool piece.	Conversion ADU Line 4 Moisture Sampler	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8197	4/29/2008	The larger sized unthreaded holes will allow for easier installation and adjustment of the sensors. The spool piece will allow for a consistent "dwell time" independent sample and will help standardize the collection process across all lines.	Line 5 Sampler Upgrades	Drill out the Line 5 sensor tabs for the "cup in place" sensors and install the new sample size limiting spool piece.	Conversion ADU Line 5 Moisture Sampler	ISA-03 ADU Conversion
8200	5/1/2008	The area is no longer used for quarantine material, all rods have been removed from the cage. Removing the cage will open up space for the movement of carts in the area.	Remove East and most of South wall of ADU area quarantine cage	"Remove most of the South wall and adjoining East wall of the quarantine cage (see attached picture). Re-secure or re-route utilities as needed. Rod rack and unneeded furniture, file cabinets, etc. will be removed and disposed of properly. An existing	Quarantine Cage near ADU Rod Repair Area	ISA-10 ADU Rods

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8202	4/9/2009	="The geometry of the existing decanters does not meet the improved standards of the Nuclear Criticality Safety Improvement Project (NCSIP) for establishing double contingency. They are being replaced with smaller diameter models that can be shown to sat	Line 5 Decanter Replacement	"Remove the existing Line 5 Westfalia decanter and replace it with a new US Centrifuge CQ style decanter. Associated systems and tanks will be replaced or modified to accommodate the new decanter."	Conversion ADU Line 5 Decanter	ISA-03 ADU Conversion
8205	4/29/2008	Downtime Reduction	Line 4 Moisture Sampler: Sample Detection Interval Expansion	"Currently the moisture sampler PLC gathers approximately 2 seconds of data from the LASER and visible light sensors beginning when the sampler is signaled to retract. This data is used to make the calculation to determine whether or not a sample was col	Line 4 Moisture Sampler	Clean Side Rod Area

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8206	4/29/2008	Downtime Reduction	Line 5 Moisture Sampler: Sample Detection Interval Expansion	"Currently the moisture sampler PLC gathers approximately 2 seconds of data from the LASER and visible light sensors beginning when the sampler is signaled to retract. This data is used to make the calculation to determine whether or not a sample was col	Line 5 Moisture Sampler	Clean Side Rod Area
8216	12/1/2008	Safety - Laser Cut fixture frames include features that keep them interlocked (this is a 2 piece fixture) in the Coater and make it eaiser for the operator to remove from a Coater. Cost - Laser Cut fixture frames cost less than the existing fixture frames	15 x 15 Laser Cut Fixture	"Produce a 15 x 15 Laser Cut Fixture frame (similar to the 17 x 17 Laser Cut fixture frame) to be used in place of the existing 15 x 15 Fixture frame."	IFBA Coating area	ISA-14 IFBA Processing

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8217	5/29/2008	The existing panel is older, and not easily expanded. We currently need to add alarms for chillers 5,6,&7. This upgrade will allow opportunity for current and future expansion.	Maintenance Utility Annunciator Panel Upgrade	"The Maintenance Utility Annunciator Panel currently is older and consists of lamps and a buzzer. This panel alarms utility items such as Plant air compressors, Chillers, and Freon Detectors. This CCF will allow us to move the alarm points a PLC in Equ	Hall way in front of Maintenance Offices	Grounds
8225	9/30/2008	These changes will create a better working environment for operations and maintenance.	Line 1 Fitzmill Product Hood Upgrade	"Replace the line 1 Fitzmill product hood Lexan glove port to the open oval style similar to lines 2-4. Replace the light box and Lexan windows on the sides of the hood with the light box and window style from lines 2-4."	ADU Line 1 Fitzmill Product hood	ISA-03 ADU Conversion
8226	9/30/2008	These changes will create a better working environment for operations and maintenance.	Line 5 Fitzmill Product Hood Upgrade	"Replace the line 5 Fitzmill product hood Lexan glove port to the open oval style similar to lines 2-4. Replace the light box and Lexan windows on the sides of the hood with the light box and window style from lines 2-4."	ADU Line 5 Fitzmill Product Hood	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8232	5/7/2008	At least the horizontal sections of this abandoned piping should be removed because it serves as a place for "foreign materials" to collect and potentially fall down to the rods.	Remove abandoned piping from vacuum system	"Remove the abandoned piping along the West wall of the ADU rod loading area."	West wall of ADU rod loading area	ISA-10 ADU Rods
8238	8/7/2008	<ol style="list-style-type: none"> 1. This will improve ergonomics. 2. This is a redundant flow control valve. 3. The block valves will provide independant shut-off capabilities. 4. The new instruments should be more reliable. 5. The flow indication will provide an independant flow 	Precipitator modifications for V-105A/B	The folowing modifications will be performed on V-105A/B: <ol style="list-style-type: none"> 1. Repipe/rearrange the process chemical lines. 2. Remove FCV-103A and associated lines. 3. Install block valves for the new SIS. 4. Replace the current instruments for level indication with re 	V-105A/B	ISA-03 ADU Conversion
8242	9/30/2008	The hoists are no longer utilized. Maintenance and inspection are no longer justified.	Remove Hoists from Tool Room	Remove Hoists and Rail from the Tool Room. The (qty 5) Hoists are identified as Equipment #8071, 8072, 8073, 8074, and 8075.	Tool Room	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8248	9/22/2009	Create three offices for the Chem Lab Supervisors	Chem Lab Dark Room Rearrange	"Rearrange the chem lab dark room which will include removing a wall, safety shower, eyewash station, sink, refrigerator, filing cabinet & a metal desk. After these items are removed, the floors & walls will be painted, ceiling tile will be replaced and	Chem Lab Dark Room	ISA-18 Laboratories
8249	5/29/2008	A crit requirement for using this unit. Keeps moderator from dripping into the vent.	vent deflection for portable ventilation unit	"Install a deflector at the vent of the 800 cfm portable ventilation unit, so that liquid cannot drip down inside the unit."	portable, currently in UF6 bay	ISA-03 ADU Conversion
8250	12/1/2008	Equipment Reliability	Line 1 Mill Vibration Sensor	"A vibration sensor will be installed on the ADU conversion powder mill and wired to the moisture sampler PLC for trending purposes."	ADU conversion mill	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8256	6/10/2008	The Accu-Tune transducer manufacturer has changed the design from a (2) screw mount to a single screw mount.	ADU Grinder Accu-Tune Transducer Change	"Change the mounting scheme for the Accu-Tune vibration transducer on the Grinder Line feed bowl, entrance conveyor and exit conveyor."	ADU Grinder Line 1 - 6 & Erbia Grinder	ISA-08 Pelleting
8262	7/18/2008	This valve will be used with the new safety system to prevent over filling the precipitators.	Install Valve in Line from V-106 to V-105	"Install automated valve in line from V-106 to V-105 (Precipitator). This valve will be left in open state and will be electrically connected under a later CCF. This CCF will be for the mechanical installation."	ADU Line 1	ISA-03 ADU Conversion
8263	9/30/2008	Provide access for guillotine door pulley maintenance(e.g. re-installing door lift cable that jumps off pulley) without having to remove the entire door hood.	Line 2 Oxidation Oven Hood Modification	"Cut-out section of guillotine door hood and add removable stainless steel panel over cut-out section. See attached file for conceptual layout."	ADU Line 2 Oxidation Oven	ISA-19 Hoods and Containment

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8280	6/24/2008	The scrap area does not need the equipment listed above. The equipment listed is not in use and has not been used for a long time (labeled "not in use" on the current drawing last revised 05-18-04). The addition of the 1.5"x1"x1.5" to V-7157 will mainta	Equipment removal from FA3 scrap area	Remove V-7158 (Acid Stripping Seal Pot) and associated piping (valves, flanges, etc.) from the IFBA scrap area. Reroute the overflow from V-7157 (Neutralization Vessel) to the floor drain and add a 1.5"x1"x1.5" tee to the overflow to connect to the proce	IFBA scrap area between line 7 and line 5	ISA-14 IFBA Processing
8298	2/23/2009	Safety	Remove old ABAR #2 Vacuum Furnace and Install New GM Furnace	"Demo old ABAR #2 and install new GM Horizontal Loading Furnace."	Next to ABAR #1	Components
8303	9/29/2008	Improve lighting in the area	Install new Lighting in the Final Assy. Area	Add new light fixtures in Final Assembly Area Westinghouse Loaders; CE Loader; BWR Loader; and Wash Tank/Clean Check	Final Assy. Area	ISA-17 Final Assembly

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8308	7/16/2008	"This instrumentation was installed to find out if decanter bearing failures were associated with pressure transients in the decanter. Data was collected that showed no link to decanter failures. The bearing failure problem was solved by slowing down the	Remove pressure monitoring instrumentation D407	"Remove the pressure transmitters, valves, tubing and wiring that were installed under CCF 03-419 on line 4 decanter."	Line 4 decanter	ISA-03 ADU Conversion
8326	11/10/2008	This panel is needed to support the installation of the new tanks.	Control panel for the T-3, T-14, and T-20 tanks	"Provide a PLC control panel for the T-3, T-14 and T-20 tanks. This panel will be installed in the Ammonia Tank farm area."	Ammonia Tank Farm	ISA-06 Chemicals Receipt, Handling and Storage
8331	7/22/2008	Currently, part of racks 43 and 44 face each other. 12" spacing cannot be maintained with these racks across from each other.	Relocate Rack #44	"Move poly pack rack #44 beside rack #43 near the steam cleaner in the IFBA FA3 scrap area"	Aisle beside FA3 scrap area	ISA-16 Nclear Material Storage
8344	2/12/2009	There is not enough light in the area.	Area Lighting Renovations - Chemical Tool Room	"Replace existing high-pressure sodium light fixtures with high-bay fluorescent light fixtures."	Chemical Area Tool Room	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8345	2/12/2009	There is not enough light in the area.	Area Lighting Renovations - Maintenance Machine Shop Area (Chemical) and Maintenance Step-Off Pad area.	<p>Replace existing high-pressure sodium light fixtures with high-bay fluorescent light fixtures.</p> <p>This work will be done in the Maintenance Machine Shop on the chemical side of the wall, the old crystal packing area, the room above the pump-rebuild shop, a</p>	Maintenance Machine Shop (Chemical side), Area adjacent to pump-rebuild, Room above pump-rebuild, Maint. Step-Off Pad Area	Miscellaneous
8353	3/10/2009	Fume and smoke control needed due to proximity to new APVIS pellet inspection equipment, and other chemical processing areas.	Install Portable Fume Control Filter Device for use in Chemical areas, including IFBA. Revision 1, 12 Feb. 2009	<p>Install portable Kemper welding smoke collection device with HEPA filter for use in Chemical areas. Revision 1, 12 Feb. 2009</p> <p>This is a revision of the CCF originally written and approved as part of the APVIS installation; to install the welding smoke fi</p>	Chemical areas in accordance with CSE	ISA-14 IFBA Processing

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8357	9/22/2008	Channels are not aligning properly between the rod lift and channel receiver on the dump station.	Relocation of Channel Lift	"The channel lift located on the D&V rod handling system used to ready channels to be unloaded to the D&V rod dumping station requires relocation to align the lift with the channel receiver located on the rod dumping station."	Rod Inspection-D&V	Miscellaneous
8362	8/6/2008	The drain valve is currently positioned so that it is hanging out in the aisleway. By repositioning the valve it will be more structurally sound and it will be protected in part by the P-306C stand. This CCF is similar to 08-107.	V-306 drain valve	"Reposition the low drain on V306 in such a way that the drain is in the plant West direction."	V-306	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8371	8/5/2009	-The forcing of the UF6 emergency valve and the eductor valve as described in procedure COP-810102 will no longer be necessary. -Safety	UF6 Valve Bypass	On each vaporizer, quarter turn valve locks will be installed on the manual valve directly downstream of the cylinder valve. The lock key will be captured when the valve is open and released when the valve is closed locking the valve in the close position	UF6 Bay	ISA-03 ADU Conversion
8372	9/29/2008	Aqueous Ammonia is not used in this vessel anymore and the line is disconnected. The sample valve connected to this line is not used as well and is recommended by PHA team to be removed.	B-05 Cylinder Wash Precipitator Sample Valve	"Remove sample valve located on the Aqueous Ammonia supply line that is disconnected from the B-05 Cylinder Wash Precipitator and blind flange line."	B-05 Cylinder Wash Precipitator	ISA-09 UF6 Cylinder Wash

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8373	8/27/2008	<p>This functionality was inadvertently lost when a VFD upgrade was done to Fan 961 during shutdown. The problem was not discovered until 07/23/08.</p> <p>This condition does not prevent running the emergency ventillation system! This condition does require the</p>	Install Run Interlock on Fan 962 Control	"Install a Fan 961 run interlock which will allow Fan 962 to be shutdown from the TDC if Fan 961 is running."	Fan 961 / 962 MCC in UF6 Bay	ISA-01 Plant Ventilation System
8375	8/12/2008	<p>These mechanical mechanisms have failed before and will fail again. When failure occurs there is a high likelihood of a catastrophic loss including loss of life.</p> <p>The low water cut-off is considered to be the most important safety device on a boiler. Acco</p>	Low Water Cut-off Control for #2 N/A Boiler	<p>The North American Boiler #2 is equipped with a manual float mechanism (float welded or screwed to a rod that triggers a snap switch) which is used for low water cut-off / pump control.</p> <p>This project will allow replacement of this manual float mechanism</p>	Boiler House	Grounds

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8376	8/12/2008	These mechanical mechanisms have failed before and will fail again. When failure occurs there is a high likelihood of a catastrophic loss including loss of life. The low water cut-off is considered to be the most important safety device on a boiler. Acco	Low Water Cut-off for the Power Master Boiler	The Power Master Boiler is equipped with a manual float mechanism (float welded or screwed to a rod that triggers a snap switch) which is used for low water cut-off / pump control. This project will allow replacement of this manual float mechanism with	Boiler House	Grounds
8384	12/15/2009	This area is needed by maintenance personnel. It will be utilized as an equipment rebuild area.	Crystals Area Hood Movement	1)Remove existing feeder test hood and feeder controls from the crystals receiving area. 2)Move the existing prep hood in the same general area that the feeder hood was. Move computer currently in the middle of the room, the weight table, and the roll	Crystal Receiving Area by Chem Development Lab	ISA-19 Hoods and Containment

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8387	8/21/2008	This is in an effort to centralize all maintenance rebuild activities.	New Maintenance Rebuild Area	Convert the current crystals prep area into primarily a maintenance rebuild shop. The shop would include: 1) The URRS material processing hood as described in CCF 08384 which could double as a rebuild ventilated hood when not in use by URRS. 2) A laydown	Old Crystals Staging Area	Grounds
8389	4/2/2009	Approved Product Engineering project. Clarification of scope of work covered by CCF.	UCON Implementation - Mechanical and piping	"This CCF is amended to cover concrete construction, service piping and UCON application and UCON removal equipment installation only. Electrical and monorail equipment is covered in other CCF's. This CCF specifically excludes use of UCON material."	Final Assembly	ISA-17 Final Assembly

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8395	4/24/2009	"The geometry of the existing decanters does not meet the improved standards of the Nuclear Criticality Safety Improvement Project (NCSIP) for establishing double contingency. They are being replaced with smaller diameter models that can be shown to sat	Line 4 Decanter Replacement	"Remove the existing Line 4 Westfalia decanter and replace it with a new US Centrifuge CQ style decanter. Associated systems and tanks will be replaced or modified to accommodate the new decanter."	Conversion ADU Line 4 Decanter	ISA-03 ADU Conversion
8396	2/10/2009	"The geometry of the existing decanters does not meet the improved standards of the Nuclear Criticality Safety Improvement Project (NCSIP) for establishing double contingency. They are being replaced with smaller diameter models that can be shown to sat	Line 3 Decanter Replacement	"Remove the existing Line 3 Westfalia decanter and replace it with a new US Centrifuge CQ style decanter. Associated systems and tanks will be replaced or modified to accommodate the new decanter."	Conversion ADU Line 3 Decanter	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8397	5/22/2009	="The geometry of the existing decanters does not meet the improved standards of the Nuclear Criticality Safety Improvement Project (NCSIP) for establishing double contingency. They are being replaced with smaller diameter models that can be shown to sat	Line 2 Decanter Replacement	"Remove the existing Line 2 Westfalia decanter and replace it with a new US Centrifuge CQ style decanter. Associated systems and tanks will be replaced or modified to accommodate the new decanter."	Conversion ADU Line 2 Decanter	ISA-03 ADU Conversion
8398	6/5/2009	="The geometry of the existing decanters does not meet the improved standards of the Nuclear Criticality Safety Improvement Project (NCSIP) for establishing double contingency. They are being replaced with smaller diameter models that can be shown to sat	Line 1 Decanter Replacement	"Remove the existing Line 1 Westfalia decanter and replace it with a new US Centrifuge CQ style decanter. Associated systems and tanks will be replaced or modified to accommodate the new decanter."	Conversion ADU Line 2 Decanter	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8404	8/8/2008	Existing switches are unreliable and replacements are unavailable.	Prox. Switch Replacement on Rod Handling and UT	"This CCF will allow us to substitute proximity switches on Rod Handling and UT testing areas. The current switches are obsolete. This CCF will allow us to change the obsolete Prox. switches in the area to Turck prox. switches."	Soft handling and UT Stations on Mechanical Side	Clean Side Rod Area
8407	1/28/2009	This relocation makes changing out the filter element safer and easier.	Laser Welder #6 Filter Relocation	"Relocate the in-line cooling water filter on Grid Laser #6. Presently the filter is located 10 feet off the finished floor. The new location will be 7 feet off the finished floor."	Mechanical Area / Zirc Grid Laser Welders	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8420	12/11/2008	<p>The 3-way valve is required to allow processing of UF6 cylinders with the cylinder valve open. This change will prevent cylinder to cylinder transfer of UF6 since they share a common delivery header.</p> <p>The pressure gauge is being replaced to allow proces</p>	Install 3-way Valve and replace pressure gauge on UF6 Line for ADU Line 1	"Install 3-way Valve and replace pressure gauge on UF6 Line for ADU Line 1. Two valves will be installed, one in the eduction line and one in the UF6 delivery line. This change will prevent cylinder to cylinder transfer of UF6 since they share a common	ADU Line 1	ISA-03 ADU Conversion
8421	12/11/2008	<p>The 3-way valve is required to allow processing of UF6 cylinders with the cylinder valve open. This change will prevent cylinder to cylinder transfer of UF6 since they share a common delivery header.</p> <p>The pressure gauge is being replaced to allow proces</p>	Install 3-way Valve and replace pressure gauge on UF6 Line for ADU Line 2	Install 3-way Valve and replace pressure gauge on UF6 Line for ADU Line 2. Two valves will be installed, one in the eduction line and one in the UF6 delivery line. This change will prevent cylinder to cylinder transfer of UF6 since they share a common del	ADU Line 2	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8422	12/11/2008	<p>The 3-way valve is required to allow processing of UF6 cylinders with the cylinder valve open. This change will prevent cylinder to cylinder transfer of UF6 since they share a common delivery header.</p> <p>The pressure gauge is being replaced to allow process</p>	Install 3-way Valve and replace pressure gauge on UF6 Line for ADU Line 3	<p>Install 3-way Valve and replace pressure gauge on UF6 Line for ADU Line 3. Two valves will be installed, one in the eduction line and one in the UF6 delivery line. This change will prevent cylinder to cylinder transfer of UF6 since they share a common del</p>	ADU Line 3	ISA-03 ADU Conversion
8423	12/11/2008	<p>The 3-way valve is required to allow processing of UF6 cylinders with the cylinder valve open: This change will prevent cylinder to cylinder transfer of UF6 since they share a common delivery header.</p> <p>The pressure gauge is being replaced to allow process</p>	Install 3-way Valve and replace pressure gauge on UF6 Line for ADU Line 4	<p>Install 3-way Valve and replace pressure gauge on UF6 Line for ADU Line 4. Two valves will be installed, one in the eduction line and one in the UF6 delivery line. This change will prevent cylinder to cylinder transfer of UF6 since they share a common del</p>	ADU Line 4	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8430	8/26/2008	The rebuild area will be moved to make room for the modified polypak carriers.	Remove all components for old rebuild area.	"Remove all equipment, fencing, and electrical associated with old rebuild area. There is also a HP air sample that will be relocated to the new rebuild area. Install angle iron on the floor to protect the wall and condensate line from being hit with c	Rebuild area adjacent to conversion line 5 and beside unblended powder market.	ISA-03 ADU Conversion
8432	9/29/2008	Line is dormant and contains Aqueous Ammonia, which is a PHA covered material. By removing line, it will eliminate potential leak areas.	Aqueous Ammonia Supply to V5921B	"Remove dormant Aqueous Ammonia line that was disconnected from V5921B in the old Chemical Development Lab. Remove line back to header."	Old Chemical Development Lab	ISA-18 Laboratories

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8437	3/3/2009	Compliance with Criticality Safety Evaluation specifications is necessary to meet Operating License requirements.	V-1014 Liquid Waste Storage Columns Replacement	"The current Scrap Cage V-1014 array of five 304L stainless steel columns that are 10 inches in diameter will be replaced with 8 inch diameter columns to meet Criticality Safety Evaluation requirements. Discharge lines/valves will be removed and replace	Chemical Area Scrap Cage	ISA-11 Scrap Uranium Processing
8438	9/11/2008	We have increased the heater contactor size and this has increased the loading of the control transformer. We are operating near the limit of the existing transformer power rating. The new transformer has a .5KVA rating vs a .1 on the existing unit.	Upgrade Control transformer on S-958 Duct Heater	"Increase the size of the control transformer on S-958 Duct Heater control panel."	Scrubber S-958	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8439	4/1/2009	Compliance with Criticality Safety Evaluation specifications is necessary to meet Operating License requirements.	V-1017 Liquid Waste Storage Columns Replacement	"The current Scrap Cage V-1017 array of five 304L stainless steel columns that are 10 inches in diameter will be replaced with 8 inch diameter columns to meet Criticality Safety Evaluation requirements. Discharge lines/valves will be removed and replace	Chemical Area Scrap Cage	ISA-11 Scrap Uranium Processing
8440	4/24/2009	Compliance with Criticality Safety Evaluation specifications is necessary to meet Operating License requirements.	V-1018 Liquid Waste Storage Columns	"The current Scrap Cage V-1018 array of five 304L stainless steel columns that are 10 inches in diameter will be replaced with 8 inch diameter columns to meet Criticality Safety Evaluation requirements. Discharge lines/valves will be removed and replace	Chemical Area Scrap Cage	ISA-11 Scrap Uranium Processing

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8441	2/4/2009	Compliance with Criticality Safety Evaluation specifications is necessary to meet Operating License requirements.	V-1015 Liquid Waste Storage Columns Replacement	"The current Scrap Cage V-1015 array of five 304L stainless steel columns that are 10 inches in diameter will be replaced with 8 inch diameter columns to meet Criticality Safety Evaluation requirements. Discharge lines/valves will be removed and replace	Chemical Area Scrap Cage	ISA-03 ADU Conversion
8444	10/24/2008	Existing service does not meet the requirements to operate the newly purchased appliances serving the Deep Fryer, Prep Table, and Salad Bar.	Installation of Electrical Service for New Cafeteria Appliances	"Install electrical service to accommodate new cafeteria appliances."	Cafeteria	Miscellaneous
8446	1/22/2009	Compliance with Criticality Safety Evaluation specifications is necessary to meet Operating License requirements.	Replacement of Precipitation Tank V-1006A	"The current 304L 10 inch diameter Precipitation Tank V-1006A will be replaced with an 8 inch diameter tank to meet Criticality Safety Evaluation requirements."	Chemical Area Scrap Cage	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8447	2/16/2009	Compliance with Criticality Safety Evaluation specifications is necessary to meet Operating License requirements.	Replacement of Precipitation Tank V-1006B	"The current 304L stainless steel 10 inch diameter Precipitation Tank V-1006B will be replaced with an 8 inch diameter tank to meet Criticality Safety Evaluation requirements."	Chemical Area Scrap Cage	ISA-11 Scrap Uranium Processing
8449	2/16/2009	Compliance with Criticality Safety Evaluation specifications is necessary to meet Operating License requirements.	Pump Out Column V-1005A Replacement	"The current 304L stainless steel 10 inch diameter Pump Out Column V-1005A will be replaced with an 8 inch diameter column to meet Criticality Safety Evaluation requirements."	Chemical Area Scrap Cage	ISA-11 Scrap Uranium Processing
8450	1/27/2009	Compliance with CSE specifications is necessary to meet Operating License requirements.	Pump Out Column V-1005B Replacement	"The current 304L stainless steel 10 inch diameter Pump Out Column V-1005B will be replaced with an 8 inch diameter column to meet Criticality Safety Evaluation requirements."	Chemical Area Scrap Cage	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8451	4/17/2009	Compliance with Criticality Safety Evaluation specifications is necessary to meet Operating License requirements.	Scrap Cage Stand Pipe Replacement	"The current 304L stainless steel 10 inch diameter Scrap Cage Stand Pipe will be replaced with an 8 inch diameter Stand Pipe to meet Criticality Safety Evaluation requirements."	Chemical Area Scrap Cage	ISA-11 Scrap Uranium Processing
8452	4/15/2009	A method is needed to clean out the Scrap Cage Waste Storage Tanks blockages.	Scrap Cage Waste Storage Tank Water Blow Down	"Piping, fittings, valves and a back flow preventer will be added to the Scrap Cage Waste Storage Tanks to allow Water Blow Down."	Chemical Area Scrap Cage	ISA-11 Scrap Uranium Processing
8453	3/3/2009	Precipitation Tank Removable Pipe Sections with flanges are needed so that clean out activities can be carried out on these Tanks.	Precipitation Tank Removable Pipe Additions	"Precipitation Tank Removable Pipe Sections with flanges will be added to the Precipitation Tank manifold."	Chemical Area Scrap Cage	ISA-11 Scrap Uranium Processing
8458	3/30/2009	The AP rod would droop significantly during the transfer motion if additional support wasn't added. This droop might cause damage and/or contamination of the rod ends.	AP Rod Length Support Addition - Gamma Scanner Staging Queue Walking Beam.	"Add sections of rod supports to the walking beam at the Gamma Scanner staging queue transfer."	CFFF, Rod Soft Handling, Gamma Scanner Staging Queue	ISA-10 ADU Rods

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8460	5/28/2009	Hydracell pump has given less than acceptable service life.	Replace P-743 with Goulds mag drive pump	"Replace P-743 (Hydracell D-10 pump) with Goulds 3298 1 x 1.5 x 5 XS frame mag drive centrifugal pump."	Clean dissolvers	ISA-07 Solvent Extraction
8463	11/25/2008	"Through a directed nozzle, it blows a strong stream of air over the door opening, forming an invisible barrier that flying insects avoid, without impeding business traffic through the door. This will eliminate flying insects coming inside the kitchen fr	Air Curtain for Kitchen Dock Door	Install a 72" white aluminum air curtain on the outside of kitchen Dock door. Curtain is consist of: two 1/2HP motors, four fans, 208/240V single phase	Kitchen Dock Door	Miscellaneous
8464	9/29/2008	The grating allows material to fall onto the equipment below the rod out platform. Material also tends to become trapped between the grating and supports. The other 4 lines have decking plate.	Install decking plate on Line 1 rod out platform	"The grating on the rod out platform on Line will be covered or replaced with deck plating. If the grating is removed, structural supports will need to be installed for decking support."	Line 1 rod out platform	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF Number	Approved	Justification	Title	Description	Location	ISA ID
8466	5/28/2009	Required by EH&S to meet the new Criticality Safety Analysis for this process.	Replace Tanks (V-700, V-701 and V-702) in Fluoride Stripping Area with Favorable Geometry Vessels	The following tanks in the Fluoride Stripping Area of URRS are fabricated from 10" pipe: V-700 (Supply Tank), V-701 (Precipitation Tank) and V-702 (Filtrate Receive Tank). The new Criticality Safety Analysis for this process requires that these tanks be	Fluoride Stripping Area of URRS	ISA-07 Solvent Extraction
8469	2/12/2009	"The current tank was built without emergency vent relief. The primary customer for kerosene is Solvent Extraction. They use kerosene in 55 gallon drums. The secondary user is general kerosene heaters used in the winter. We will purchase kerosene in	Remove Kerosene Storage Tank	"Remove Kerosene Storage Tank."	Fuel Oil Pad	ISA-06 Chemicals Receipt, Handling and Storage

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8470	9/29/2008	"The current Hypalon liners will need replacement after the upcoming dredging campaign. HDPE is chemically compatible with our wastestream and will be thicker than the current liner (80 mils). The primary advantage of HDPE over Hypalon is its repairabl	Install High Density Polyethylene Liners in West I and II Lagoons	"Install High Density Polyethylene Liners in West I and II Lagoons. Approximately 8 Hypalon liners have been installed on top of each other in these lagoons. The HDPE liners will be installed on top of the existing liners."	West I and II Lagoons	ISA-15 URRS Wastewater Treatment System
8471	5/7/2009	The new cart will have passive spacing features built into the design. Required/covered by CSE-16-F.	3-tier polypack cart	"A new design for moving polypaks will be made to replace the current handtrucks used in the chemical manufacturing area. See new EQ drawing referenced."	Chemical Manufacturing	ISA-16 Nclear Material Storage
8475	2/10/2009	The existing "sample" (drain) valve is located a couple inches from the ground, creating likely situation for a spill.	Install Sample Valve at T-1175	"This CCF will install a sample valve on T-1175 pump system."	URRS Outside Ammonia Recovery	ISA-15 URRS Wastewater Treatment System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8479	11/25/2008	The existing flow switches are obsolete and are no longer available. The proposed modification has been used successfully implemented on line 1, CCF # 08358	Replace Flow switch FSL-206A with magflow meter	The Teflon flow switch that is used to verify flow in the recirculation loop of the Nitrate storage column on line 2 and protect P-206A & P-206B will be replaced by a Rosemount magnetic flowmeter connected to a Moore SPA trip amplifier. The process pipe w	Line 2 O6 column	ISA-03 ADU Conversion
8480	9/17/2008	This area is needed to relocate machines (such as manlifts) to free up space in other areas for implementation of the floor storage CSE.	Map Vaporizer Removal	"Remove four map vaporizers from the UF6 bay. Remove process piping and handrails for the vaporizers located plant South of the vaporizer mezzanine. Remove the cold trap system with the exception the cold trap vaporizer will remain in its current state	UF6 Bay	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8482	9/29/2008	The existing flow switches are obsolete and are no longer available. The proposed modification has been used successfully implemented on line 1, CCF # 08358	Replace Flow switch FSL-306A with magflow meter	The Teflon flow switch that is used to verify flow in the recirculation loop of the Nitrate storage column on line 3 and protect P-306A & P-306B will be replaced by a Rosemount magnetic flowmeter connected to a Moore SPA trip amplifier. The process pipe w	Line 3 06 column	ISA-03 ADU Conversion
8486	11/25/2008	SI1000 is obsolete	Substitute Efeclor flow switch	Substitute Efeclor SI5000 flow switch for Efeclor SI1000 flow switch, Storeroom # 298139. SI5000 is the factory recommended replacement for the obsolete SI1000. It has the same wetted materials and process connection. It has similar electrical, temperatur	ADU Lines	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8487	5/13/2009	The existing isolation valves in this service are failing at a higher rate than desired. This valve has shown promise as a more reliable valve in its limited use.	Xomox Lined Plug Valve	"Allow the Xomox Fig. 061 PFA lined plug valve to be a substitute for existing isolation valves for the wet end of conversion (lined piping sections). This valve will also be included in FSS-003-13, Piping Specification for Uranyl Fluoride."	Conversion Wet End	ISA-03 ADU Conversion
8489	9/29/2008	As per ASME Controls and Safety Devices for Automatically Fired Boilers, No shut-off valve of any type shall be placed in the steam pressure connection between the boiler and the high-pressure limit control device.	Remove shut-off valve on #1 N/A Boiler	On #1 North American Boiler, remove the 1" ball valve between the Boiler and the high pressure limit control device.	Boiler house #2	Grounds

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8492	9/29/2008	<p>A. Provide enough threads to adjust Transducer Rod Core.</p> <p>B. Due to variations in the Compensator Piston height, undercutting is sometimes required to clear the Compensator Housing. Without adequate clearance, the Transducer Arm can be bent when the Compe</p>	Compensator Transducer Arm/Rod Modifications	<p>A. Extend M4 thread length on the Transducer Rod from 20 mm to 40 mm.</p> <p>B. Add note to allow undercutting of Transducer Arm.</p>	ADU & Erbia R53 Presses	ISA-08 Pelleting
8494	9/29/2008	As per ASME Controls and Safety Devices for Automatically Fired Boilers, No shut-off valve of any type shall be placed in the steam pressure connection between the boiler and the high-pressure limit control device.	Remove shut-off valve on #2 N/A Boiler	<p>On #2 North American Boiler, remove the ball valve between the Boiler and the high pressure limit control device.</p> <p>Also, revamp the pressure control manifold using 1/2" pipe. Currently the manifold is 1/4" pipe.</p>	Boiler House #2	Grounds

Westinghouse Non-Proprietary Class 3

GCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8495	9/26/2008	As per ASME Controls and Safety Devices for Automatically Fired Boilers, No shut-off valve of any type shall be placed in the steam pressure connection between the boiler and the high-pressure limit control device.	Remove shut-off valve on Powermaster Boiler	"On the Power Master Boiler, remove the ball valve between the Boiler and the high pressure limit control device."	Boiler House #1	Grounds
8496	10/22/2008	The high high level switch is not in use. This particular switch has been replaced by a Clever Brook electronic level switch per CCF 08374.	Boiler #1 High High Level Mechanical Swicth Removal	"We will be removing the high high level switch from boiler #1."	Boiler House	Grounds
8498	10/31/2008	Existing pusher motors are obsolete.	Replace 3C furnace pusher motor	"ADU furnace 3C will have the new style pusher motor to replace the existing, obsolete motors. This upgrade has been made on many of the other furnaces and it works well. 3C will be upgraded during the upcoming furnace re-build."	3C furnace	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8504	10/16/2008	The new style cream cans will not work with the existing acid mixing booth.	acid mixing booth replacement	Remove the current "phone booth" mixing station from line 4, and replace it with a lift that will raise and lower the mixer instead of the cream can.	next to V-406	ISA-03 ADU Conversion
8506	6/2/2009	Items have been found at the bottom of the wash tanks when they have been drained. FME covers will be used to prevent items from being dropped into wash tanks when not in use. Covers will not physically be attached to the wash tanks.	FME Covers for Fuel Assembly Wash Tanks	"Fabrication of covers used to prevent FM from getting into wash tanks when not in use."	Final Assembly Wash Tanks	ISA-17 Final Assembly

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8507	10/31/2008	"The vacuum gauges on the grid laser welders (Membranovac DM11) are obsolete. This CCF will allow us to replace the existing controller with a functional equivalent. The existing gauges are performing well but are no longer available. The intention is	Upgrade Vacuum Gauges on the Grid Laser Welders	"Replace the obsolete vacuum gauges on the grid laser welders."	Grid Laser Welders	Miscellaneous
8511	11/25/2008	The current unit is an obsolete Westinghouse unit.	Replace VFD on FN2275.	"Replace the Variable Frequency Drive on Fan 2275. Wiring changes will have to be made to accomodate the replacement VFD."	Fan 2275 on Roof	ISA-01 Plant Ventilation System
8512	11/25/2008	The current unit is an obsolete Westinghouse unit.	Replace VFD on FN-2276	"Replace the Variable Frequency Drive on Fan 2276. Wiring changes will have to be made to accomodate the replacement VFD."	FN-2276 on Roof	ISA-01 Plant Ventilation System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8513	4/23/2009	The current unit is an obsolete Westinghouse unit.	Replace VFD on FN-2277	Replace the Variable Frequency Drive on Fan 2277. Wiring changes will have to be made to accomodate the replacement VFD.	FN-2277 on Roof	ISA-01 Plant Ventilation System
8514	4/23/2009	The current unit is an obsolete Westinghouse unit.	Replace VFD on FN-2278	Replace the Variable Frequency Drive on Fan 2278. Wiring changes will have to be made to accomodate the replacement VFD.	FN-2278 on Roof	ISA-01 Plant Ventilation System
8515	4/23/2009	The current unit is an obsolete Westinghouse unit.	Replace VFD on FN-2279	Replace the Variable Frequency Drive on Fan 2279. Wiring changes will have to be made to accomodate the replacement VFD.	FN-2279 on Roof	ISA-01 Plant Ventilation System
8516	4/23/2009	The current unit is an obsolete Westinghouse unit.	Replace VFD on FN-39R	Replace the Variable Frequency Drive on Fan 39R. Wiring changes will have to be made to accomodate the replacement VFD.	Fan-39R on Roof	ISA-01 Plant Ventilation System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8518	10/31/2008	To maintain a minimum clearance of 48" in the hallway per Life Safety Code	Relocate Lockers in the Hallway Between Chem Lab and Mailroom	"This CCF will move the set of lockers from across the hall from the coverall storage area to the wall opposite the Janitor's closet in the hallway between the Chem Lab and Mailroom."	Hallway Between Chem Lab and Mailroom	ISA-18 Laboratories
8519	1/30/2009	This is done in compliance with the ANSI requirement for Raschig ring - every 12-14 months - Q tank bank needs to be switched for Raschig ring sampling, Raschig ring settling measurement and inventory hold up calculation.	Q tank bank V-216 filter connection	Q tank bank V-116 is connected to the bag filter system. Before annual Q tank switch, the V-216 Q tank bank has to be connected to the same shared filter system. Piping connection will be installed to make alternate pathways for V-216 filtration. The V-1	Q tank bank V-116 and V-216	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8523	10/9/2009	Per COP-832109, Monitoring the Ammonia Chillers, operators are instructed to hose clamp a water hose to a 1" drain that is 20 ft in the air. This system can contain up to 20% ammonia. This is not a safe practice. This COP will allow for safe transfer	Add Water Fill Line to T-1158 Ammonia Chiller Compression Tank	"Add Water Fill Line to T-1158 Ammonia Chiller Compression Tank. Incorporate a back flow preventer to protect ammonia contamination in the city water supply"	ADU Ammonia Chiller	ISA-03 ADU Conversion
8531	11/18/2009	The forcing of the UF6 emergency valve and the eductor valve as described in procedure COP-810102 will no longer be necessary. -Safety	Line 2 UF6 Valve Bypass	On each vaporizer, quarter turn valve locks will be installed on the manual valve directly downstream of the cylinder valve. The lock key will be captured when the valve is open and released when the valve is closed locking the valve in the close position	UF6 Bay	ISA-03 ADU Conversion
8533	11/24/2008	The MCC is currently in the way for the installation of Line 1 Autocalve Vaporizer.	Remove MCC 100 Normal Power Motor Control Center	"Remove MCC100 which no longer is supplying power to any equipment."	UF6 Bay on wall behind line 1 vaporizer	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8534	11/24/2008	The MCC is currently in the way for the installation of Line 1 Autocalve Vaporizer.	Remove MCC 200 Emergency Power Motor Control Center	"Remove MCC200 Emergency Section which no longer is supplying power to any equipment."	UF6 Bay on wall behind line 1 vaporizer	ISA-03 ADU Conversion
8535	12/9/2008	The condensate in this heat exchanger must be drained in order to maintain the temperatures needed for regeneration. Operators have to stand behind the unit and hold the valve open for over 15 minutes to drain the condensate.	Remove Spring Return Actuator DI Water HX-1362 Condensate Line	"Remove Spring Return Actuator DI Water HX-1362 Condensate Line. Replace with ball valve as noted on FSS-003-61, Piping Specification For Condensate."	DI Water Building	ISA-15 URRS Wastewater Treatment System
8537	12/4/2009	The forcing of the UF6 emergency valve and the eductor valve as described in procedure COP-810102 will no longer be necessary. -Safety	Line 1 UF6 Valve Bypass	On each vaporizer, quarter turn valve locks will be installed on the manual valve directly downstream of the cylinder valve. The lock key will be captured when the valve is open and released when the valve is closed locking the valve in the close position	UF6 Bay	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8539	10/27/2008	"The current Precipitation Tanks and Pump Out Columns are supported with structural steel that complies with Universal Building Code requirements. Structural Modifications are needed to comply with International Building Code requirements for the new re	Structural modifications for new Scrap Cage Tanks	"Structural Modifications will be made to comply with International Building Code requirements for new safe geometry replacement Precipitation Tanks and Pump Out Columns required by the Criticality Safety Evaluation."	Scrap Cage	ISA-03 ADU Conversion
8542	3/19/2009	Required to determine whether modifications are needed for supporting AP1000	FACTS AP1000 LOWER CORE PLATE TEST FIXTURE MODIFICATION	"Modify FACTS lower core plate for use in AP1000 test."	CFFF, Development Lab, FACTS	ISA-18 Laboratories
8551	5/4/2009	"The Scrap Cage filter press FP-1058 will be modified to meet criticality safety requirements and reduce the reliance on administrative controls. Additional filter plates will be provided to increase press capacity, increasing filter loading cycles betw	Scrap Cage Filter Press FP-1058 Improvement	"Mofify the Scrap Cage filter press FP-1058 to (1) have the existing channeled Polypropylene filter plates replaced with stainless steel plates, 6 intermediate plates and 2 end plates, dimensionally compliant with nuclear criticality safety requirements	Scrap Cage Filter Press FP-1058	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8553	11/25/2008	Reduce manual intervention in maintaining tank levels and more effectively control amount of ammoniated water which requires treatment.	T46 and T47 Tank Level Controls	"Add level transmitter, valves/actuators to permit automatic level control of water level in the Ammonia Fume Vent Tanks (T46 and T47). Add solenoid valve to tank outlet pumps to all for automatic pump-out of the T46 and T47 tanks."	Tank Farm	ISA-06 Chemicals Receipt, Handling and Storage
8558	9/23/2009	An air gap is the most effective way to guarantee that there will be no cross contamination of HF into the safety shower system.	Separate process water from potable water in the HF pad	Install backflow prevention from the city water line that supplies safety showers from the HF Vent Tank, T-1191. This project will install an air gap between the city water supply and the HF Vent Tank.	HF Pad	ISA-06 Chemicals Receipt, Handling and Storage
8561	2/10/2009	The high high level switch is not in use. This particular switch has been replaced by a Clever Brook electronic level switch per CCF 08375.	Boiler #2 High High Level Mechanical Switch Removal	"We will be removing the high high level switch from boiler #2."	Boiler House	Grounds

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8565	5/1/2009	"Currently, the three obsolete motors that operate the internals of the X-Ray machine in QC Rod (used for every contract that required x-ray quality checks) are very old and in danger of failure. These motors do not have spares in the plant, therefore,	Develop new Rod Rotation Drive Assembly for QC Rod X-Ray Machine	"The change will incorporate replacing 3 mechanical motors that drive the exposure counter, lift apparatus, and carrier belt. Additionally, obsolete drives will be installed to control the motor operation and interact with the PLC."	QC Rod Inspection Pantac X-Ray	Miscellaneous
8566	2/17/2009	"By converting Vacuum Oven #2 to the same Turbo Pump configuration as Vacuum Oven #3 uses, the two ovens will be able to share spare pumps and therefore, reduce the downtime experienced when the obsolete pumps breakdown. This will also eliminate the prod	Provide Vacuum Oven #2 in IFBA with new Turbo Pump Configuration	"Vacuum Oven #2 in IFBA operates with a Turbo Pump that is currently obsolete. A new style turbo pump is used on the newer oven, Vacuum Oven #3. Through this CCF, Vacuum Oven #2 will be converted to the use of the new style Turbo pump."	IFBA Vacuum Oven #2	ISA-12 IFBA Fuel Rod Manufacturing
8567	12/11/2008	Existing Prox. is obsolete and no longer available.	Replace Obsolete Prox. Switches on Line 1 Granulator	"Replace Obsolete Prox. Switches on Line 1 Granulator Doors."	Granulator Doors on Line 1	ISA-08 Pelleting
8568	12/11/2008	Existing Prox. switches are obsolete and no longer available	Replace Obsolete Prox. Switches on Line 2 Granulator	"Replace Obsolete Prox. Switches on Line 2 Granulator Doors."	Pellet Line 2 Granulator	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8569	12/11/2008	Existing Prox Switch obsolete and no longer available.	Replace Obsolete Prox. Switches on Line 3 Granulator Doors.	"Replace Obsolete Prox. Switches on Line 3 Granulator Doors."	Pellet Line 3 Granulator	ISA-08 Pelleting
8570	12/11/2008	Existing Prox Switches are obsolete and no longer available.	Replace Obsolete Prox. Switches on Line 4 Granulator Doors.	"Replace Obsolete Prox. Switches on Line 4 Granulator Doors."	Pellet Line 4 Granulator Doors	ISA-08 Pelleting
8571	12/11/2008	Existing Prox switches are obsolete and no longer available	Replace Obsolete Prox. Switches on Line 5 Granulator Doors.	"Replace Obsolete Prox. Switches on Line 5 Granulator Doors."	Pellet Line 5 Granulator	ISA-08 Pelleting
8574	12/23/2008	This work is necessary for the installation of the new decanter and will reduce the installation downtime required for the major equipment.	Conversion Line 5 New Decanter Electrical Prework	For Conversion Line 5 Decanter, install a new 10 amp DC power supply. to include breakers (for future Automatic Oiler). Install new 60 amp disconnect for VFD, reworking the primary side of the VFD power only. Install new IC693ALG223 analog input card.	ADU Conversion Line 5 Decanter Controls	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8575	1/22/2009	This work is necessary for the installation of the new decanter and will reduce the installation downtime required for the major equipment.	Conversion Line 4 New Decanter Electrical Prework	For the Conversion Line 4 Decanter, install a new 10 amp DC power supply to include breakers (for future Automatic Oiler). Install new 60 amp disconnect for VFD, reworking the primary side of the VFD power only. Install new IC693ALG223 analog input card	ADU Conversion Line 4 Decanter Controls	ISA-03 ADU Conversion
8577	12/17/2008	The 3 inch passive overflow line will provide adequate overflow capacity. The Dial Thermometers will be used by the Operators to ensure that the Operating temperature is within the license limits.	Addition of 3 inch Passive overflow lines and local Dial Thermometers to ADU Q-Tanks	Add a new 3 inch overflow line to the ADU Q-Tanks V-216, A, B and C. The existing 1/2 inch over flow line will be left as is in its current location. Add Dial Thermometers to each of the V-216 A, B and C Tanks to enable the operators to monitor the Q-Ta	ADU Q-TANKS	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8578	3/13/2009	The pH probes will be used by the Operators to monitor the Q-Tank's operating pH.	Install pH monitors for the ADU-Q-Tanks	"This project will install 3 (three) pH probes at a common location for all the 6 (six) Q-Tanks. The pH probes will be used by the Operators to monitor the Q-Tank's operating pH."	ADU Q-TANKS	ISA-03 ADU Conversion
8587	2/5/2009	The McQuay panel does not have enough power to drive the valve 100%	Cooling Tower Bypass Valve Loop Isolator	"Install a loop isolator for the cooling tower bypass valve for chillers 5,6,& 7."	Equipment room3, cooling tower bypass valve	Grounds
8588	12/10/2008	The photo-eyes are very susceptible to damage from working in and around the grinder. These new photo eyes will have a stainless steel armor to protect them. The new amplifiers will see through the debris that covers the sensor and produces a false alarm	Grinder Line 4 Photoeye Replacements	See CCF 07582 for previous approvals. Replace the banner photo-eye sensors on the grinder lines that detect pellets passing by with a Keyence model photo-eye. The banner amplifier will also be replaced with a Keyence amplifier.	ADU Grinder Line 4: Feed System and Conveyor	ISA-08 Pelleting
8589	3/13/2009	Operational excellence.	Replace Beeper Boxes	"Replace antiquated Westinghouse Beeper Boxes, model WBB-100, with the newer design WBB-100-1, throughout the CFFF."	Plant Systems	ISA-01 Plant Ventilation System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8590	11/24/2008	Estops need to be more accessible. Currently there is only one Estop.	Add Additional Emergency Stop on EDM-1	"Add Additional Emergency Stop on EDM-1 in the clean side Tool Room."	Clean Side Tool Room EDM machine #1	Miscellaneous
8591	11/24/2008	Estops need to be more accessible. Currently there is only one Estop.	Add Additional Emergency Stop on EDM-2	"Add Additional Emergency Stop on EDM-2 in the clean side Tool Room."	Clean Side Tool Room EDM machine #2	Miscellaneous
8592	1/5/2009	"Welders on ADU rod lines will be moving to static I/P addresses. A usb drive will be located at each rod line welder station containing the static I/P address. Any welder that will be used on the rod lines will require the addition of the external usb	Modification to plant welder computer cabinets	"Modify the drawing for the welder computer cabinets to add an additional external usb port. The addition of this port will not affect the operation of the welder in any way. The modified and the unmodified cabinets will be of like kind and interchange	All welders covering mechanical and electrical side	ISA-10 ADU Rods
8595	11/18/2008	The sensor is critical for confirming neutralization prior to discharge to the West Lagoons. The current sensor has a high failure rate. This sensor will be a more robust design.	Upgrade pH Sensor on T-1147, Acid Neutralization Tank	"Install a high temperature designed pH sensor with an anti-scaling feature on T-1147."	T-1147, Acid Neutralization Tank	ISA-15 URRS Wastewater Treatment System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8598	11/24/2008	Robicons are obsolete and are becoming unreliable. 1B furnace has had a lot of problems with temperature control in the pre-heat zone and the Robicon controllers have probably contributed to these problems. Ametek HDR controllers are the plant standard f	Replace pre-heat SCR's on 1B furnace	"Replace the existing Robicon SCR power regulators for the pre-heat zones of 1B sintering furnace with new Ametek HDR SHPF1 controllers"	1B Furnace	ISA-08 Pelleting
8600	11/11/2008	Replace obsolete equipment. The expected life of the sintering furnaces has been extended to about 10 years and 3C is already down for re-bricking. This upgrade is similar to the ones that have been completed on several other furnaces.	Upgrade temperature controls on 3C furnace	"Replace SCR's, ammeters, and signal isolators on 3C sintering furnace."	3C furnace	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8601	3/19/2009	Equipment is not in service anymore. Unsecured components have a possibility of falling into the process and contaminating the product.	Removal of 10" Butterfly Valve and Related Components	Need to remove existing equipment associated with a 10" butterfly valve on the bulk container discharge system. Specifically needing attention is the valve actuator and equipment associated with holding the physical butterfly plate in place. Reference lte	Pellet Line 4 Deerstand	ISA-08 Pelleting
8602	3/30/2009	The current UT material handling system cannot allow the AP rod to pass through the equipment.	AP Rod Length Mod - UT1 Upgrade	"Modify various components of the UT1 material handling system to allow for the longer AP rod length."	CFFF, QC Inspection, UT1	Clean Side Rod Area
8603	12/17/2008	The current UT system cannot allow the AP rod to pass through the equipment.	AP Rod Length Mod - UT2 Upgrade	"Modify various components of the UT2 system to allow for the longer AP rod length."	CFFF, QC Inspection, UT2	Grounds
8604	8/28/2009	The current Gamma Scanner's material handling system cannot allow the AP rod to pass through the equipment.	AP Rod Length Mod - Gamma Scanner 3 - Mechanical	"Modify various components of the Gamma Scanner 3's material handling system to allow for the longer AP rod length."	CFFF, QC Inspection, Gamma Scanner 3	ISA-10 ADU Rods

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8608	3/30/2009	The current Gamma Scanner's material handling system cannot allow the AP rod to pass through the equipment.	AP Rod Length Mod - Gamma Scanner 4	"Modify various components of Gamma Scanner 4's material handling system to allow for the longer AP rod length. Modifications will be made to Gamma Scanner 4's mechanical, electrical (w/controls) and pneumatic systems."	CFFF, QC Inspection, Gamma Scanner 4	ISA-10 ADU Rods
8610	11/24/2008	CAPs issue 07-036-M003 found paint chips on a channel full of rods. The addition of this shield will prevent future problems with paint chips from this source.	Rod storage crab shield	"Add a stainless steel shield to the face of the rod lift crab. Attachment will use some existing tapped holes as well as some newly drilled and tapped holes (to be done in the field)."	Rod Storage Area	Miscellaneous
8615	12/11/2008	Equipment is not in service anymore. Unsecured components have a possibility of falling into the process and contaminating the product.	Removal of 10" butterfly valve	Need to remove existing equipment associated with a 10" butterfly valve on the bulk container discharge system. Reference Item 9 on DWG 361F16EQ01	Pellet Line 1 Deerstand	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8616	12/10/2008	Equipment is not in service anymore. Unsecured components have a possibility of falling into the process and contaminating the product.	Removal of 10" butterfly valve	Need to remove existing equipment associated with a 10" butterfly valve on the bulk container discharge system. Reference Item 9 on DWG 361F16EQ01	Pellet Line 2 Deerstand	ISA-08 Pelleting
8622	5/13/2009	Reduced ECO/contract turnover time.	Quick Disconnect View Port on Main Feed Tube	"Install a lexan view port on the main feed tube on Pellet Line 3 with a quick disconnect fitting."	Line 3 Main UO2 Feed Tube	ISA-08 Pelleting
8626	12/17/2008	"The current control and pneumatic systems for the Rod Soft Handling equipment have multiple energy supply points which make the current LOTO procedures difficult to follow or usually require the LOTO of the entire area as opposed to one section on the e	Preliminary Work, LOTO Modification For Rod Soft Handling	"To preliminarily add conduits, air lines, control boxes and misc. hardware items on and around the Rod Soft Handling equipment to allow for future modification of the control and pneumatic systems. This future modification is to allow for more assured	CFFF, QC, Rod Soft Handling	Grounds

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8627	12/18/2008	The current control and pneumatic systems for the Rod Soft Handling equipment have multiple energy supply points which make the current LOTO procedures difficult to follow or usually require the LOTO of the entire area as opposed to one section on the equ	LOTO Modification For Rod Soft Handling	"Complete modification to the control and pneumatic systems for the Rod Soft Handling equipment to allow for more assured LOTO procedures to be put into place and to allow sections of the area to be worked on independently."	CFFF, QC, Rod Soft Handling	Grounds
8628	5/20/2009	Current smaller unit does not have enough capacity to remove heat and to provide enough cool air to prevent APVIS equipment from overheating (shutdown) during the hot summer months.	Upsize APVIS Equipment Room Chill Water Unit	"Replace current chill water unit (approx. 3ton) with a larger chill water unit (approx. 5ton)."	IFBA/APVIS Equipment Room	ISA-14 IFBA Processing

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8630	12/16/2008	"Zirconium fines that accumulate in different areas of Oxide Coater 1 and 2 during tube machining operations are an explosion/fire hazard if not kept under water. The explosion proof vacuum will trap the fines under water in an interceptor tank and prev	Movable Tube Prep Explosion Proof Vacuum	"A movable electric powered Explosion Proof Vacuum mounted on a cart is needed in the Tube Prep Area so that zirconium fines can be removed from accumulation points in Oxide Coater 1 and 2."	Tube Prep	Miscellaneous
8634	12/5/2008	This would help prevent damage to the bulk room doors.	Install auto-door opener on bulk room doors.	"Install auto-door opener on bulk room doors."	Bulk Room Doors	ISA-05 ADU Bulk Powder Blending
8636	12/11/2008	Equipment is not in service anymore. Unsecured components have a possibility of falling into the process and contaminating the product.	Removal of 10" butterfly valve	Need to remove existing equipment associated with a 10" butterfly valve on the bulk container discharge system. Reference Item 9 on DWG 361F16EQ01 and modifications performed to line 5 previously.	Pellet Line 3 Deerstand	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8637	12/11/2008	Equipment is not in service anymore. Unsecured components have a possibility of falling into the process and contaminating the product.	Removal of 10" butterfly valve	Need to remove existing equipment associated with a 10" butterfly valve on the bulk container discharge system. Reference Item 9 on DWG 361F16EQ01 and modifications performed to line 5 previously.	Erbia Deerstand	ISA-20 ERBIA
8638	11/14/2008	V-105B is introducing impurities into the product. This CCF will allow the use of V-105A as a back-up.	Recirculation piping for V-105A	"Create a spool piece to allow recirculation of V-105A at ~30% of column level. The current spool recirculates at ~70%. This CCF will allow the spools to be switched out. When running UNH the 70% recirculation spool will be installed and when running	V-105A	ISA-03 ADU Conversion
8641	3/19/2009	The present crane pendant is awkward to use with the long Traveller shipping packagings. The use of a hand-held remote would result in a safer operation.	Replacement of Crane Pendant with Remote	"The crane pendant in the Patriot building is to be replaced with a remote control for the crane."	Patriot Building	Grounds

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8642	1/7/2009	<p>The photo-eyes are very susceptible to damage from working in and around the grinder. These new photo eyes will have a stainless steel armor to protect them.</p> <p>The new amplifiers will see through the debris that covers the sensor and produces a false alar</p>	Grinder Line 3 Photoeye Replacements	<p>See CCF 07582 for previous approvals.</p> <p>Replace the banner photo-eye sensors on the grinder lines that detect pellets passing by with a Keyence model photo-eye.</p> <p>The banner amplifier will also be replaced with a Keyence amplifier.</p>	ADU Grinder Line 3: Feed system and conveyor	ISA-08 Pelleting
8643	1/7/2009	<p>The photo-eyes are very susceptible to damage from working in and around the grinder. These new photo eyes will have a stainless steel armor to protect them.</p> <p>The new amplifiers will see through the debris that covers the sensor and produces a false alar</p>	Grinder Line 5 Photoeye Replacements	<p>See CCF 07582 for previous approvals.</p> <p>Replace the banner photo-eye sensors on the grinder lines that detect pellets passing by with a Keyence model photo-eye.</p> <p>The banner amplifier will also be replaced with a Keyence amplifier.</p>	ADU Grinder Line 5: Feed System and Conveyor	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8646	4/9/2009	Current supports are made from thin gage sheet metal. These supports bend resulting in the shelf falling out of position. The proposed angle supports will provide more substantial shelf support.	Oxidation Oven Shelf Support Modification	Replace sheet metal shelf supports with 1/8" stainless steel angle supports.	ADU Pelleting Line 2 Oxidation Oven	ISA-08 Pelleting
8647	3/12/2009	"Currently, BNZ-2800(or K-28) brick is used thru-out the final layers of brick in the Sintering Furnace. Substituting the BNZ-2600 & 2300 brick for the final (2) layers will improve insulating capability and reduce costs. The BNZ-2600 & 2300 brick layers	Sintering Furnace Brick Alternate	Use BNZ-2600 and BNZ-2300 insulating brick for the final (2) layers of brick. See attached preliminary OEM(Lindberg/MPH) drawing with new brick layers marked in red. See attached files for BNZ brick specifications and MSDS.	3C Sintering Furnace	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8648	8/18/2009	Conditions for operation.	New NCS Required Slab Mop Bucket 2008	Fabricated Stainless Steel slab type mop bucket that will meet the new Nuclear Crit Safty requirements. There will be only 1 prototype introduced to Conversion with a SOI issued. SOI-C-0555	One prototype will be used throughout Conversion.	Miscellaneous
8649	5/20/2009	Condition for operations after JUNE 2009.	Modify URRS Material Transfer Elevator.	Modify existing elevator to meet the current CSE. CSE-4D	Next to the Mop Water Tanks.	ISA-11 Scrap Uranium Processing
8655	5/4/2009	To eliminate blockages in lines	Magnetic Flow Meter Replacement on T-1109	This CCF will replace the existing 1/2" line size magnetic flow tubes with 1" on T-1109 (lime slurry storage tank), and modify existing piping to reduce flow restriction.	URRS Outside T-1109	ISA-15 URRS Wastewater Treatment System
8657	3/5/2009	This modification is required to implement CSE 03-I.	CLN1 Calciner Scrubber Vertical Bracing	"Install vertical bracing on both sides of line one calciner off gas scrubber. Four rows of vertical bracing will be installed and will be evenly spaced based on the sides of the slab tank."	Conversion Line One	ISA-03 ADU Conversion

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8658	5/21/2009	The tank is being replace to implement CSE-03-I. CSE-03-I requires the vertical bracing and defines a minimum wall thickness for the tank. The existing tank will fall out of compliance for the minimum wall thickness within the next six months based on a	CLN2 Calciner Scrubber Tank Replacement	"Install new calciner off gas scrubber tank on conversion line two. The tank will be made to existing specs with the exception that it will have removable feet as seen on lines one and five and it will have vertical bracing. The vertical bracing will b	Conversion Line Two	ISA-03 ADU Conversion
8659	4/23/2009	The tank is being replace to implement CSE-03-I. CSE-03-I requires the vertical bracing and defines a minimum wall thickness for the tank. The existing tank will fall out of compliance for the minimum wall thickness within the next six months based on a	CLN3 Calciner Scrubber Tank Replacement	"Install new calciner off gas scrubber tank on conversion line three. The tank will be made to existing specs with the exception that it will have removable feet as seen on lines one and five and it will have vertical bracing. The vertical bracing will	Conversion Line Three	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8660	5/13/2009	<p>The existing drive is outdated and a exact replacement does not exist making changeout or maintenance, if required, difficult and time consuming.</p> <p>A plant stnadard VFD would eliminate this problem</p>	VFD for CE Push Loader	Replace exisiting Varibale Frequency Drive with a plant "Standard" drive	CE Loader	ISA-17 Final Assembly
8661	1/21/2009	This modification is required to implement CSE 03-1.	CLN4 Calciner Scrubber Vertical Bracing	"Install vertical bracing on both sides of line four calciner off gas scrubber. Four rows of vertical bracing will be installed and will be evenly spaced based on the sides of the slab tank."	Conversion Line Four	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8662	1/2/2009	<p>This modification is required to implement CSE 03-I. The CSE will be implemented at a later date.</p> <p>***Rev. 1: The work has not changed. The change is the CSE will not be implemented at the time of modification.***</p>	CLN5 Calciner Scrubber Vertical Bracing	"Install vertical bracing on both sides of line five calciner off gas scrubber. Four rows of vertical bracing will be installed and will be evenly spaced based on the sides of the slab tank."	Conversion Line Five	ISA-03 ADU Conversion
8663	5/18/2009	<p>1) This data would be stored for Historical Collection and Retrieval on the OSI PI System (Same computer used for the KepServerEX interface.</p> <p>2) This data would also be used to provide "status only" indication on the existing Honweywell Experion system.</p>	Configure Read-Only Access to Conversion GE PLC's	Configure existing Interface (KepServerEX) to allow collection and monitoring of Conversion Data currently used in the GE PLC's. The interface would be set up as "Read Only" to prevent any change in data to the Conversion PLC's.	OSI PI Server/KEPWare Server (Located in Computer Room)	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8664	1/28/2009	This CCF will install a box around them with an enclosed heat source to make sure they do not rupture in freezing conditions.	Install a Box Around Rotormeters on P-14	"Install a Box Around Rotormeters on P-14. The rotormeters provide field information that the double mechanical seals have an adequate supply of water (barrier fluid). They do not have adequate freeze protection."	Sodium Hydroxide Storage Tank T-14	ISA-06 Chemicals Receipt, Handling and Storage
8666	11/25/2008	In order to perform future work and maintenance on the T-1158 Compressor Tank, we need to isolate this from the system. Otherwise all 5 conversion lines will need to be down for an extended outage.	Install Isolation Valve Between Compression Tank T-1158 and Air Separator SE-1158	"Install Isolation Valve Between Compression Tank T-1158 and Air Separator SE-1158. These two vessels are part of the chilled ammoniated water system for the ADU Process Chiller."	Chilled Ammoniated Water System for the ADU Process Chiller	ISA-03 ADU Conversion
8667	12/18/2008	The drain valve will allow proper draining of the line for pump maintenance. The flange will allow easier installation; the current line is welded and contains numerous 90 degree turns before a flange break.	Install drain in P-1016 suction line	"Install a drain valve in the suction line going to P-1016A/B from the bottom of V-1016. The current piping from the Ammonium hydroxide line will be flanged instead of welded."	V-1016/P-1016 header	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8669	2/3/2009	The drain will allow proper draining of the piping for pump and/or vessel maintenance.	Install Drain on P-312 Suction Header	"Install a low level drain for the P-312A/B header at the bottom of V-312."	V-312 piping	ISA-03 ADU Conversion
8670	1/2/2009	The passive drains in the mill enclosure and product hood and the calciner product hood are safety significant controls included in CSE-3-J. CSE-3-J includes safety significant controls that are necessary to meet June 2009 criticality updates.	Fitzmill Drains-Line #5 Fitzmill Drains-Line #5	"Passive Drains per CSE-3-J in the Fitzmill Enclosure/Product Hood and Calciner Product Hood on Conversion Line #5"	Back of Conversion Line 5--Fitzmill	ISA-03 ADU Conversion
8671	1/16/2009	The passive drains in the mill enclosure and product hood and the calciner product hood are safety significant controls included in CSE-3-J. CSE-3-J includes safety significant controls that are necessary to meet June 2009 criticality updates	Fitzmill Drains-Line #4	"Passive Drains per CSE-3-J in the Fitzmill Enclosure/Product Hood and Calciner Product Hood on Conversion Line #4"	Line 4 Fitzmill	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8672	2/5/2009	The passive drains in the mill enclosure and product hood and the calciner product hood are safety significant controls included in CSE-3-J. CSE-3-J includes safety significant controls that are necessary to meet June 2009 criticality updates.	Fitzmill Drains-Line #3	"Passive Drains per CSE-3-J in the Fitzmill Enclosure/Product Hood and Calciner Product Hood on Conversion Line #3"	Line 3 Fitzmill	ISA-03 ADU Conversion
8673	2/18/2009	The passive drains in the mill enclosure and product hood and the calciner product hood are safety significant controls included in CSE-3-J. CSE-3-J includes safety significant controls that are necessary to meet June 2009 criticality updates.	Fitzmill Drains-Line #2	"Passive Drains per CSE-3-J in the Fitzmill Enclosure/Product Hood and Calciner Product Hood on Conversion Line #2"	Line 2 Fitzmill	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CGF-Number	Approved	Justification	Title	Description	Location	ISA ID
8674	3/2/2009	The passive drains in the mill enclosure and product hood and the calciner product hood are safety significant controls included in CSE-3-J. CSE-3-J includes safety significant controls that are necessary to meet June 2009 criticality updates.	Fitzmill Drains-Line #1	"Passive Drains per CSE-3-J in the Fitzmill Enclosure/Product Hood and Calciner Product Hood on Conversion Line #1"	Line 1 fitzmill	ISA-03 ADU Conversion
8675	1/28/2009	"Currently, two units have to be rented each year during the summer months in order to cool area for a safe working condition. Operation spends approximately \$14K a year for six months of use. A permanent unit will not only maintain area to safe working	Cylinder Recert. Bldg. AC Unit	"Install a 7.5 ton Package Air Conditioning Unit on the back side of the Cylinder Recertification Building."	Behind Cylinder Recert. Bldg	Grounds

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8678	2/12/2009	The area used in the past to calibrate power supplies, is now used by APVIS equipment etc. (support IFBA production). Due to limited space, it is unsafe to continue to perform calibration of power supplies in that area.	Instrument Tech Power Supply Bldg.	"Install a new Panel-Built building (11.5' X 10.5') across from Coater 5 & 8 power supply enclosure."	IFBA Equipment Room	ISA-14 IFBA Processing
8679	5/13/2009	52100 material is typically not available in thickness required to manufacture Item 12. Mechanical properties of 52100 and 4340 are comparable at the specified heat treatment.	Hold-Up Cam Modification	"Allow use of 4340 Medium Carbon Alloy as an alternate material for the 52100 material specified on drawing 359F02ME01, Note F for Item 12 & 13."	ADU/Erbia Pelleting - R53 Press	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8680	1/7/2009	MCC-200 Emergency Power Section and MCC-100 Standard Power section are being removed. The wires have to be relocated since they pass through the MCC's.	Re-route wires which pass through MCC-200 and MCC-100.	<p>Wires that pass through MCC-200 and MCC-100 which are being removed need to be re-routed into conduit.</p> <p>LSH-101A wires CB4H-A 3D03 DRAWING NUMBERS 334F05EL03-04-01, 334A01LS01-06</p> <p>Conductivity Meter CI-101A Steam Chest FED FROM RP-100 CIR 2,DWG 510F08ELO</p>	UF6 Bay	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8681	1/7/2009	<p>MCC-200 Emergency Power Section and MCC-100 Standard Power section are being removed. The wires have to be relocated since they pass through the MCC's.</p> <p>This CCF is the same as CCF 08680 (Line 1 Loads) except for the loads are from Line 2.</p>	Re-route wires for Line 2 which pass through MCC-200 and MCC-100.	<p>Wires that pass through MCC-200 and MCC-100 which are being removed need to be re-routed into conduit.</p> <p>Line 2 blow down station fed from RP-200- ckt. 10.</p> <p>Line 2 ADU Dryer Control Panel this is marked spare on the dwgs field note say RP-200 ckt. 6.</p> <p>Lin</p>	UF6 Bay	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8682	1/7/2009	<p>MCC-200 Emergency Power Section and MCC-100 Standard Power section are being removed. The wires have to be relocated since they pass through the MCC's.</p> <p>This CCF is the same as CCF 08680 (Line 1 Loads), CCF 08681 (Line 2 Loads) except for a load that eff</p>	Re-route wires to Line 2 DI water analyzer	<p>Wires that pass through MCC-200 and MCC-100 which are being removed need to be re-routed into conduit.</p> <p>Line 2 DI water analyzer fed from RP-200 ckt. 3,DWG 510F08EL02.</p>	UF6 Bay	ISA-03 ADU Conversion
8683	1/7/2009	<p>These changes are being made to eliminate an offset caused by the specific gravity change of the liquid in the column. The level transmitters zero position changes by 3" when the specific gravity of the process fluid changes.</p> <p>The pressure sensor does</p>	Relocate New Pressure and Level Transmitter on Hydrolysis Column ADU Line 4.	<p>The pressure and level transmitter just installed under CCF 08-418 is to be relocated.</p> <p>The pressure transmitter will be relocated to the top of the hydrolysis column to indicate hydrolysis column pressure.</p> <p>The level transmitter bottom level sensing ele</p>	Hydrolysis Column Line 4 in ADU	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8684	1/7/2009	<p>These changes are being made to eliminate an offset caused by the specific gravity change of the liquid in the column. The level transmitters zero position changes by 3" when the specific gravity of the process fluid changes.</p> <p>The pressure sensor does no</p>	Relocate New Pressure and Level Transmitter on Hydrolysis Column ADU Line 3.	<p>The pressure and level transmitter just installed under CCF 08-417 is to be relocated.</p> <p>The pressure transmitter will be relocated to the top of the hydrolysis column to indicate hydrolysis column pressure.</p> <p>The level transmitter bottom level sensing eleme</p>	Hydrolysis Column Line 3 in ADU	ISA-03 ADU Conversion
8685	1/7/2009	<p>These changes are being made to eliminate an offset caused by the specific gravity change of the liquid in the column. The level transmitters zero position changes by 3" when the specific gravity of the process fluid changes.</p> <p>The pressure sensor does no</p>	Relocate New Pressure and Level Transmitter on Hydrolysis Column ADU Line 2.	<p>The pressure and level transmitter just installed under CCF 08-416 is to be relocated.</p> <p>The pressure transmitter will be relocated to the top of the hydrolysis column to indicate hydrolysis column pressure.</p> <p>The level transmitter bottom level sensing eleme</p>	Hydrolysis Column Line 2 in ADU	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8687	5/14/2009	Old P/N accumulator is obsolete. New P/N accumulator has higher pressure rating - see attached specifications. Form, fit or function of accumulator is not affected by this change.	ADU Roll Compactor Accumulator Substitute	Change accumulator OEM P/N from: 0531602553 HAD0,7-180-1X/OF08A-2N111-USA to: 0531602581 HAD0,7-207-1X/OF08A-2N111-USA	ADU Pelleting / Roll Compactor	ISA-08 Pelleting
8688	1/13/2009	="A machine vision system to automatically locate the weld joints will improve cycle time by reducing the time needed for joint location and will free up the operator to concentrate on grid building without the frequent interruptions to perform the joint l	Laser Welder #3 Machine Vision Development System	Change grid laser welder #3 to add hardware and software, and make other changes needed to add a working machine vision development system. The system is to have a machine vision system mode to allow automatic weld joint location and a bypass mode to allo	the equipment will be installed in the existing laser welder #3 cabinetry	Components

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8689	5/12/2009	This room is no longer in use.	Modification of the outside air compressor room	"This CCF will convert the outside air compressor room into a storage area. This project includes the removal of the compressor pump support and old heater, replacement of existing lights/door/windows, and installation of a window HVAC unit."	URRS Outside Old Air Compressor Room	Grounds
8692	1/13/2009	="The current setup does not allow the hoist and fixture (DWG 361F08EQ29) to be used because the hood is obstructing the path of the hoist's boom. The diamond wheel's weight is a safety issue for the user installing the wheel. Modifying the hood will allo	Diamond Wheel Dressing Station (in Erbia) Mods	"Modify the diamond wheel dressing station located in Erbia. The hood on the station will be modified to allow the hoist and diamond wheel fixture to be used to install/remove the diamond wheel on the dressing setup."	Scrap Recovery Area in Erbia	ISA-20 ERBIA

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8693	2/5/2009	Various painted pillars and other structural/piping components might be contacted by the rods during transfer. The added guarding will reduce the possibility of FME type issues.	Add Stainless Steel Guarding Around UT Soft Handling Structure	"Add guarding, in the form of stainless steel sheeting, around structural components of UT soft handling system."	CFFF, Mechanical, Rod Soft Handling	Clean Side Rod Area
8695	1/16/2009	There is an excessive amount of liquid carry over through the fan into the outlet ventilation.	Install Double Demister at S-1190 Waterglass Scrubber	"Install Double Demister at S-1190 Waterglass Scrubber"	Waterglass Scrubber S-1190	ISA-01 Plant Ventilation System
8696	1/7/2009	He is unable to hear announcements when his office door is closed.	Fire Alarm Speaker--Plant Manager's office	"Install a Fire Alarm Speaker in the Plant Manager's office."	Plant Manager's Office	Grounds
8697	1/16/2009	"There is an underground line that goes from a sump at the gator pond to the West I and II Lagoon. The pipe will be capped below grade of both of these liners. This project will make sure that no pressure will be applied to a line that could rupture un	Isolate Obsolete Line At Gator Pond	"Isolate Obsolete Line At Gator Pond. Remove appropriate spool piece and install blind flange/cap as appropriate in the gator pond sump."	Gator Pond Sump	Grounds

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8698	1/16/2009	Capping this pipe will eliminate a breach in the new liner and will reduce the risk of ground water contamination.	Capp off Obsolete Still Bottoms Line at West I Lagoon	"Capp off obsolete Still Bottoms Line at West I Lagoon"	West I Lagoon	Grounds
8699	1/16/2009	Capping this pipe will eliminate a breach in the new liner and will reduce the risk of ground water contamination.	Capp off Obsolete Process Sump Line at West I Lagoon	"Capp off Obsolete Process Sump Line at West I Lagoon"	West I Lagoon	Grounds
8700	1/16/2009	Capping this pipe will eliminate a breach in the new liner and will reduce the risk of ground water contamination.	Capp off Obsolete Line from the Gator Pond at West I Lagoon	"Capp off Obsolete line from the Gator Pond at West I Lagoon"	West I Lagoon	Grounds
8701	1/7/2009	There are no Fire Alarm speakers in their break trailer. They are not able to hear announcements while they are in the trailer, allowing for the potential of personal harm in the event of an emergency or shelter in place announcement.	Fire Alarm Speakers Greg's Break Trailer	"Install (2) Fire Alarm Speakers, one in each side of Greg's Construction Break Trailer."	Contractor (Greg's Construction) break trailer	Grounds

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8704	2/12/2009	Congestion in the area for the movement of tube carts and source of potential foreign materials to get into/on tubing.	Remove bench near line 8	"Remove bench located near line 8 in Tube Prep. Remove any utilities, etc. associated with the bench and make any additional repairs, etc. so that the area is suitable for tube carts with open tubes to move freely in the area."	Near line 8	Clean Side Rod Area
8706	3/11/2009	To qualify new gloves recommended by vendor.	Qualification of Ansell Crusader Flex hot mill gloves.	"Evaluate functionality and acceptance of Ansell Crusader Flex hot mill gloves for manually moving molybdenum boats that have exited the sintering furnaces."	Sintering Furnaces	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CGF-Number	Approved	Justification	Title	Description	Location	ISA ID
8707	1/16/2009	"Voice announcements in the area of the Tractor Shed can not be understood because of the current configuration. The sound is echoing off of the Emergency Response Building and area shipping containers. It is also partially blocked by the Building. By p	Fire Alarm Speaker for Tractor Shed	"Install a Fire Alarm Speaker on the back of the Emergency Response Building to cover the area around the Tractor Shed. Also re-direct and lower the tap setting on a speaker that is located on the old Guard Shack that is pointing directly at the Emergen	Area Surrounding the Tractor Shed	Grounds
8708	6/8/2009	This project has been identified as a 6/09 must do project.	ADU Scrap Cage Washing Machine Install	"Install a new washing machine in the ADU scrap cage. This new washing machine will replace the current washing machine in order to maintain compliance with new NRC requirements. Demolition of the current washing machine will occur after the new washing	ADU Scrap Cage	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
8709	3/5/2009	This demolition work is part of a project identified as a 6/09 must do project.	Washing Machine Demolition	"After the new ADU scrap cage washing machine (to be installed under CCF 08708) is turned over to operations, the current washing machine (eq. # V-1057) will be removed and scrapped. Demolition will include removal of the equipment, blinding of DI, nitri	ADU Scrap Cage	ISA-03 ADU Conversion
8712	3/5/2009	"The replacement of the V1014 Waste Storage Columns is part of the projects that must be completed by June of 2009 for nuclear safety compliance. The out of service gamma monitor and associated equipment need to be removed so that the old Waste Storage	Remove Out of Service 1052 gamma monitor	"The out of service gamma monitor RE1052, FL1055 and Scrap Cage Waste Storage Columns piping to this equipment need to be removed to facilitate replacement of Waste Storage Columns V1014A, V1014B, V1014C, V1014D and V1014E."	Scrap Cage next to V1014 Waste Storage Columns	ISA-11 Scrap Uranium Processing

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9001	3/5/2009	The 3 inch passive overflow line will provide adequate overflow capacity. The Dial Thermometers will be used by the Operators to ensure that the Operating temperature is with in the license limits.	Addition of 3 inch Passive overflow line and local Dial Thermometers to ADU Q-Tanks (V-116 tanks)	Add a new 3 inch overflow line to the ADU Q-Tanks V-116, A, B and C. The existing 1/2 inch over flow line will be left as is in its current location. Add Dial Thermometers to each of the V-116 A, B and C Tanks to enable the operators to monitor the Q-T	ADU Q-TANKS	ISA-11 Scrap Uranium Processing
9003	4/7/2009	New maintenance manager needs a place close to maintenance	Rearrange maintenance office areas	"Relocate Terry Collin's office to the area closer to the mechanical shop and make room for Ray Bates to use the emptied office"	maintenance	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9004	1/28/2009	Current design does not control well due to its inability to conduct its heat to the pellets and the too rapid response of the bare thermocouple. This condition is also causing premature failure of heater elements.	Erbia OnLine Dryer Temperature Control Changes	"Change the Erbia Online dryer control to be like the Line 6 Dryer. Including using a duel element thermocouple in a thermowell."	Erbia Online Dryer	ISA-20 ERBIA
9005	6/2/2009	Additional Polypak storage capacity is required in Pelleting Pilot Line area.	Polypak Storage Rack Relocation	"Move SNM Polypak Storage Rack from URRS area to Pelleting Pilot Line area."	Pilot Line Storage Area	ISA-16 Nclear Material Storage
9006	1/28/2009	The current controls are 40 years old and parts are no longer available	Upgrade Fire Pump Controls on Diesel #1	"Upgrade Fire Pump Controls on Diesel #1"	Diesel Fire Pump #1	Grounds

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9007	3/5/2009	This inlet vane damper will enable manual volume control and will resolve an action item from CAPs - ACA-06-156-C002.	Inlet vane damper on FN-1030B	<p>Install an inlet vane damper on FN-1030B, the secondary fan for Scrubber 1030.</p> <p>The primary FN-1030A operates @ ~ 24,000 CFM, controlled by a frequency drive.</p> <p>When FN-1030B is on line it operates at 30,000 CFM, currently with no speed or volume control</p>	Chemical Area Roof	ISA-01 Plant Ventilation System
9009	1/21/2009	This flow switch will protect the chiller under low or no flow conditions. (This flow switch will prevent tubes from freezing)	Flow switch for CH-1159	"Install a flow switch on the evaporator side of the McQuay ammonia chiller."	Grounds - South of the CFFF Building	Grounds
9010	1/12/2009	It is difficult to hear plant announcements in CR-300 when the door is closed. Adding a fire alarm speaker in the room will increase the safety of plant personnel.	Fire Alarm speaker for CR-300	"Install a fire alarm speaker in conference room 300."	Conference room 300	Grounds

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9011	3/5/2009	It is required by DHEC to have a hand wash sink near the deli bar accessible to worker.	Deli Bar Hand Wash Sink	Install a 17" X 16" stainless steel wall mount hand wash sink near the deli bar in the cafeteria.	Near Deli Bar	Miscellaneous
9012	3/5/2009	Water is very cold in the restrooms because the water is stationary before use. Hot water will be instant by circulating it back to the hot water tank.	Front Entrance Restroom Hot Water Supply	"Install recirculation pump in the hot water line from the water heater tank located on the 1st floor old expansion men's restroom closet."	Front Entrance Restrooms	Grounds
9013	1/28/2009	Moving equipment (refrigerator, etc.) to closet in Maintenance hallway.	Add receptacles in Maintenance Hallway	"Add 2 circuits for receptacles in Maintenance Hallway; from RP-MCC40:"	Maintenance hallway on Mechanical side.	Miscellaneous
9014	1/7/2009	Plant standardization. Material readily available. Material economical. Approved material.	UHMW Polyethylene Finger Lifts on Line 8	Use UHMW Polyethylene to fabricate Finger Lifts for use on Line 8. Replacements are required. The DOR (463F03EQ01) specifies Polyethylene with a Durometer of 90-95. The plant now uses UHMW in these types of applications.	Line 8, Tube Prep	ISA-10 ADU Rods

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9017	2/6/2009	This is an EH&S requirement for the implementation of the new decanter system.	V-312 Reflection Barrier	Install barriers on the V-312 tank to maintain a 6" minimum spacing between a person and the vessel.	Conversion Line 3 V-312	ISA-03 ADU Conversion
9018	3/2/2009	"Currently #8 Line uses UMHW Stanchion rails to support the tubes along the line. In some places, there are gaps in the rails that frequently allow tubes to be dropped or jammed in the line. Making this change will allow there to be continual support o	Increase length of stanchion Rail on #8 Line	"Approval is sought to increase the length of the UMHW Stanchion rails in the welder group of the line in order to provide continual support of the rails along the walking beam conveyor."	#8 Rod Line in Tube Prep - Conveying System	Clean Side Rod Area
9020	1/9/2009	The FME barrier prevents easy access to the tube end for verifying flow.	Place hole in FME barrier for blow-out station Place hole in FME barrier for blowout station check on line 8.	"Cut a hole in the stainless steel FME barrier at the end of line 8 in order for the operator to verify the flow from the blow out station. The hole will not be large enough for a person to reach through. A decisions will be made on-site as to whether th	Line 8 blow out station	Clean Side Rod Area
9021	1/19/2009	Control panel is in corroded state	Power Master Boiler	"Install new control panel and rewire Power Master Boiler"	PowerMaster Boiler	Grounds

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9022	1/29/2009	Today, when the yard dog pulls forward, it also comes up as it attempts to disconnect the king pin from the trailer - it comes up to get over the containment area curb. This causes the trailer to raise up and slam back down possibly damaging the trailer	Pour pad to ease backing in of LR-230 trailer	Pour ~6' x 18' x 4" concrete pad inside LR-230 unload area to support back wheels of yard dog when leaving trailer for offloading operations.	LR-230 offload area adjacent to UN bulk storage	ISA-02 Uranyl Nitrite Bulk Storage Tanks
9023	3/5/2009	The current centrifuge lid lock/unlock switch is a push to lock and twist-release for unlock. Operators are having difficulties with this type of switch therefore it is proposed that a selector switch be used instead. Currently, the operators start th	Pellet Grinder Centrifuge Line 1 Lid Lock Switch	"Replace the Centrifuge Lid Lock/Unlock switch with a selector switch. In addition, modify grinder plc program to allow automatic start-up sequence of the centrifuge and coolant pump."	Pellet Grinder line 1	ISA-08 Pelleting

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9024	3/5/2009	Replace obsolete equipment. The expected life of the sintering furnaces has been extended to about 10 years and 1A is already down for re-bricking. This upgrade is similar to the ones that have been completed on several other furnaces.	Upgrade temperature controls on 1A furnace	"Replace SCR's, ammeters, and signal isolators on 1A sintering furnace."	1A furnace	ISA-08 Pelleting
9025	3/5/2009	Wet scrubber is not used and is being disconnected as part of CSE implementation for dry ventilation system.	Disconnect out of service CPD lab wet scrubber	"Disconnect out of service CPD lab wet scrubber from dry ventilation system."	Chemical Development Lab Area	ISA-01 Plant Ventilation System
9026	3/5/2009	Existing pusher motors are obsolete.	Replace 1A furnace pusher motor	"ADU furnace 1A will have the new style pusher motor to replace the existing, obsolete motors. This upgrade has been made on many of the other furnaces and it works well. 3C will be upgraded during the upcoming furnace re-build."	1A furnace	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9027	1/21/2009	The ventilation valve is believed to facilitate solid formation in the passive overflow piping. The valve will be normally closed, but it will not be locked closed or open. The state of the valve will be left to the decision of the Process Engineer.	Hydrolysis Passive Overflow Ventilation Valve	"The hydrolysis passive overflow ventilation valve is shown on the P&IDs as locked open. This will be changed showing a valve as normally closed. All lines (1-5) will have this change take place."	V-x02 passive overflow ventilation valve (Lines 1-5)	ISA-03 ADU Conversion
9028	2/9/2009	The installation of these valves will alleviate the need for two administrative SSCs. The valves are credited in CSE-03-E.	Addition of 3-way and Spring-loaded Valve to FL-312A/B	"A 3-way valve and spring-loaded valve will be added to the inlet of the bag filter on Line 3. The 3-way valve will be used to direct process solution or Nitrogen to FL-312A/B. The spring-loaded valve will be placed on the Nitrogen valve to assure it	FL-312A/B	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9029	3/5/2009	<p>The current centrifuge lid lock/unlock switch is a push to lock and twist-release for unlock. Operators are having difficulties with this type of switch therefore it is proposed that a selector switch be used instead.</p> <p>Currently, the operators start the</p>	Pellet Grinder Line 2 Centrifuge Lid Lock Switch	"Replace the Centrifuge Lid Lock/Unlock switch with a selector switch. In addition, modify grinder plc program to allow automatic start-up sequence of the centrifuge and coolant pump."	Pellet Grinder line 2	ISA-08 Pelleting
9030	3/5/2009	<p>The current centrifuge lid lock/unlock switch is a push to lock and twist-release for unlock. Operators are having difficulties with this type of switch therefore it is proposed that a selector switch be used instead.</p> <p>Currently, the operators start the</p>	Pellet Grinder Centrifuge Line 3 Lid Lock Switch	"Replace the Centrifuge Lid Lock/Unlock switch with a selector switch. In addition, modify grinder plc program to allow automatic start-up sequence of the centrifuge and coolant pump."	Pellet Grinder line 3	ISA-08 Pelleting

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9031	3/5/2009	<p>The current centrifuge lid lock/unlock switch is a push to lock and twist-release for unlock. Operators are having difficulties with this type of switch therefore it is proposed that a selector switch be used instead.</p> <p>Currently, the operators start the</p>	Pellet Grinder Centrifuge Line 4 Lid Lock Switch	"Replace the Centrifuge Lid Lock/Unlock switch with a selector switch. In addition, modify grinder plc program to allow automatic start-up sequence of the centrifuge and coolant pump."	Pellet Grinder line 4	ISA-08 Pelleting
9032	2/12/2009	<p>The current centrifuge lid lock/unlock switch is a push to lock and twist-release for unlock. Operators are having difficulties with this type of switch therefore it is proposed that a selector switch be used instead.</p> <p>Currently, the operators start the</p>	Pellet Grinder Centrifuge Line 5 Lid Lock Switch	"Replace the Centrifuge Lid Lock/Unlock switch with a selector switch. In addition, modify grinder plc program to allow automatic start-up sequence of the centrifuge and coolant pump."	Pellet Grinder line 5	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9033	2/12/2009	<p>The current centrifuge lid lock/unlock switch is a push to lock and twist-release for unlock. Operators are having difficulties with this type of switch therefore it is proposed that a selector switch be used instead.</p> <p>Currently, the operators start the</p>	Pellet Grinder Centrifuge Line 6 Lid Lock Switch	"Replace the Centrifuge Lid Lock/Unlock switch with a selector switch. In addition, modify grinder plc program to allow automatic start-up sequence of the centrifuge and coolant pump."	Pellet Grinder line 6	ISA-08 Pelleting
9034	2/12/2009	<p>The current centrifuge lid lock/unlock switch is a push to lock and twist-release for unlock. Operators are having difficulties with this type of switch therefore it is proposed that a selector switch be used instead.</p> <p>Currently, the operators start the</p>	Erbia Line Grinder Centrifuge Lid Lock Switch	"Replace the Centrifuge Lid Lock/Unlock switch with a selector switch. In addition, modify grinder plc program to allow automatic start-up sequence of the centrifuge and coolant pump."	Erbia Grinder line	ISA-20 ERBIA

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9035	1/28/2009	When meetings are taken place in the Station Meeting Room, the door is kept closed. The meeting attendees cannot hear Plant announcements. This will increase the safety of Plant personnel.	Fire Alarm Speaker in Station Meeting Room	"Add a Fire Alarm Speaker in the Station Meeting Room."	Station Meeting Room	Miscellaneous
9036	2/6/2009	Nuisance elimination	Line 1 Moisture Sampler Pack Up Sensor Removal	"The pack up sensor will be removed from the automatic moisture sampler."	Automatic Moisture Sampler	ISA-05 ADU Bulk Powder Blending
9037	2/6/2009	Nuisance elimination	Line 2 Line 2 Moisture Sampler Pack Up Sensor Removal	"The pack up sensor will be removed from the automatic moisture sampler."	Automatic Moisture Sampler	ISA-05 ADU Bulk Powder Blending
9038	2/6/2009	Nuisance elimination	Line 3 Moisture Sampler Pack Up Sensor Removal	"The pack up sensor will be removed from the automatic moisture sampler."	Automatic Moisture Sampler	ISA-05 ADU Bulk Powder Blending
9039	2/6/2009	Nuisance elimination	Line 4 Moisture Sampler Pack Up Sensor Removal	"The pack up sensor will be removed from the automatic moisture sampler."	Automatic Moisture Sampler	ISA-05 ADU Bulk Powder Blending
9040	2/6/2009	Nuisance elimination	Line 5 Moisture Sampler Pack Up Sensor Removal	"The pack up sensor will be removed from the automatic moisture sampler."	Automatic Moisture Sampler	ISA-05 ADU Bulk Powder Blending

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9041	2/6/2009	Nuisance elimination	Line 1 Moisture Sampler Cup in Place Fine Sensor Removal	"The cup in place fine sensor will be removed from the automatic moisture sampler."	Automatic Moisture Sampler	ISA-05 ADU Bulk Powder Blending
9042	2/6/2009	Nuisance elimination	Line 2 Moisture Sampler Cup in Place Fine Sensor Removal	"The cup in place fine sensor will be removed from the automatic moisture sampler."	Automatic Moisture Sampler	ISA-05 ADU Bulk Powder Blending
9043	2/6/2009	Nuisance elimination	Line 3 Moisture Sampler Cup in Place Fine Sensor Removal	"The cup in place fine sensor will be removed from the automatic moisture sampler."	Automatic Moisture Sampler	ISA-05 ADU Bulk Powder Blending
9044	2/6/2009	Nuisance elimination	Line 4 Moisture Sampler Cup in Place Fine Sensor Removal	"The cup in place fine sensor will be removed from the automatic moisture sampler."	Automatic Moisture Sampler	ISA-05 ADU Bulk Powder Blending
9045	2/6/2009	The current pump has obsolete parts and cannot be maintained if it fails. The new pump will be a Goulds 3196 MTi SIZE:2x3-10	Upgrade P-1A Refueling Pump in the Fuel Oil Pad	"Upgrade P-1A Refueling Pump in the Fuel Oil Pad"	Fuel Oil Pad	Grounds
9046	2/6/2009	Nuisance elimination	Line 5 Moisture Sampler Cup in Place Fine Sensor Removal	"The cup in place fine sensor will be removed from the automatic moisture sampler."	Automatic Moisture Sampler	ISA-05 ADU Bulk Powder Blending

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9047	2/6/2009	Audit finding linked to CAPs Issue Report 08-063-C005. The distance between any two flammable or combustible liquid storage tanks shall not be less than 3 feet. The current distance between T-18 and T-16 is twenty-seven inches inside edge to inside edge.	Move T-16 over so that it is greater than 3 feet from T-18	"Move T-16 over so that it is greater than 3 feet from T-18"	Fuel Oil Pad	ISA-06 Chemicals Receipt, Handling and Storage
9048	2/6/2009	Per 29CFR 1910.106(b)(2)(a) states that every above ground storage tank shall have some form of device that will relieve excessive internal pressure caused by exposure fires.	Install Emergency Pressure Relief Valve on T-16	"Install Emergency Pressure Relief Valve on T-16"	Fuel Oil Pad	ISA-06 Chemicals Receipt, Handling and Storage

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9049	2/6/2009	Per 29CFR 1910.106(b)(2)(a) states that every above ground storage tank shall have some form of device that will relieve excessive internal pressure caused by exposure fires.	Install Emergency Pressure Relief Valve on T-17	"Install Emergency Pressure Relief Valve on T-17"	Fuel Oil Pad	ISA-06 Chemicals Receipt, Handling and Storage
9050	2/6/2009	Per 29CFR 1910.106(b)(2)(a) states that every above ground storage tank shall have some form of device that will relieve excessive internal pressure caused by exposure fires.	Install Emergency Pressure Relief Valve on T-18	"Install Emergency Pressure Relief Valve on T-18"	Fuel Oil Pad	ISA-06 Chemicals Receipt, Handling and Storage
9051	4/15/2009	Power is required for operation of the Ucon station	Ucon Wash Station Electrical	"Provide electrical service for Ucon Wash Station"	Final Assembly	ISA-17 Final Assembly
9052	4/9/2009	Power is required for the operation of the Ucon Applicator System	Provide Electrical Service For Ucon Applicator Station	"Provide power for the Ucon Applicator System"	Final Assembly	ISA-17 Final Assembly
9053	6/2/2009	A WIP rack is necessary to keep from placing a polypak on the floor.	Installation of WIP in Scrap Cage.	Fabricate and install WIP rack in Scrap Cage by the BLU-M ovens for "No Floor Storage" implementation.	Scrap Cage near BLU-M ovens.	ISA-16 Nuclear Material Storage

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9054	1/30/2009	The existing concrete pier has developed cracks and is allowing excessive vibration in the dryer. Due to its age and design it is best to replace.	DR325 Discharge Pier Rework	"Remove the existing discharge pier for the line three hot oil dryer. Replace with a steel structure as seen on lines one and five including concrete fill. Add reinforcing leg as designed by O'Neil for horizontal reinforcement."	Conversion Line Three	ISA-03 ADU Conversion
9055	5/28/2009	The Fluoride Stripping filter press FP-703 will be modified to meet nuclear criticality safety requirements and reduce the reliance on administrative controls.	Fluoride Stripping Filter Press FP-703 Improvement	"Modify the Fluoride Stripping filter press FP-703 to allow continued use of polypropylene filter plates. The plates will be modified to ensure the number of plates used is limited to no more than two end plates and two intermediate plates. This will b	URRS Fluoride Stripping	ISA-11 Scrap Uranium Processing

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9056	5/28/2009	The URRS Dirty Dissolver filter press FP-755B will be modified to meet nuclear criticality safety requirements and reduce the reliance on administrative controls.	Dirty Dissolver Filter Press FP-755B Improvement	"Modify the URRS Dirty dissolver filter press FP-755B to allow continued use of polypropylene filter plates. The plates will be modified to ensure the number of plates used is limited to no more than two end plates and two intermediate plates. This will	URRS Dirty Dissolver	ISA-04 Safe Geometry Dissolver
9058	6/10/2009	The IFBA Mop Water filter press FP-7092 will be modified to meet nuclear criticality safety requirements and reduce the reliance on administrative controls.	IFBA Mop Water Filter Press FP-7092 Modification	"Modify the IFBA Mop Water filter press FP-7092 to allow continued use of polypropylene filter plates. The plates will be modified to ensure the number of plates used is limited to no more than two end plates and two intermediate plates. This will be acc	Mop Water Treatment	ISA-14 IFBA Processing
9059	2/2/2009	Existing unit is obsolete and cannot be maintained	Replace Autoclave Recorder in Metallurgical Lab	"Replace the obsolete recorder for the Met. Lab Autoclaves."	Met Lab Autoclaves	ISA-18 Laboratories

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9060	7/15/2009	The previous process is very labor intensive and has caused ergonomic issues due to repeated turning of the electrode against the grinding wheel.	Electrode Grinder	<p>An automated grinder is being developed for grinding electrodes. The operator will load/unload the electrode and push the button on the HMI panel.</p> <p>The grinder is enclosed and has a HEPA vacuum in the enclosure.</p> <p>Photos are attached.</p>	Current proposed location is in the Tube Prep area	Clean Side Rod Area
9061	1/28/2009	P-14 A/B have double mechanical seals that use city water as the barrier fluid. The seals could be damaged if they lose water supply. These isolation valves will allow operations to supply water to and operate the alternate pump during maintenance acti	Install Isolation Valves on Water Line to Rotometers at P-14 A/B	"Install Isolation Valves on Water Line to Rotometers at P-14 A/B"	T-14, Caustic Tank	ISA-06 Chemicals Receipt, Handling and Storage

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9062	3/11/2009	Sintering furnaces on lines 1 & 2 use infrared pyrometers for temperature control. Lines 3, 4 & 5 use thermocouples. Pyrometers have some serious disadvantages compared with thermocouples, namely: Inastability. Lines 1 & 2 furnaces need frequent adjustmen	Replace infrared pyrometers with thermocouples 1A	Replace the infrared pyrometers on Sintering Furnace 1A with thermocouples. The following SSC's will be impacted: PELSINT-903, PELSINT-904, PELSINT-905, PELSINT-908.	1A furnace	ISA-08 Pelleting
9063	2/6/2009	Previous technology limited the range of the inductive type proximity switch. The newer "U-Prox" type has a longer range, which will allow us to move the switch further from the rod. This will prevent the rod "dragging" on the switch and damaging the ro	Prox Switch Substitution on IFBA Rod Lines	Allow proximity switche substitution using the "u-prox" proximity switches on the rod handling systems in IFBA.	IFBA rod handling	ISA-12 IFBA Fuel Rod Manufacturing

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9064	2/6/2009	In the past, announcements were made on the PA system that were not heard in the URRS Mezzanine office areas in the UF6 Bay. Adding these speakers will increase the safety of personnel in these areas.	URRS offices Fire Alarm Speakers	"Install a Fire Alarm Speaker in the URRS mezzanine offices and Conference Room."	URRS Mezzanine Offices	Miscellaneous
9065	3/10/2009	"Solenoid valves are a poor choice for final elements in interlocks. It is not possible to verify the state of the valve when performing interlock verifications and they are prone to leak-through. A recent saturator over-fill was caused by a leaking sole	Replace Saturator water addition valves	Replace solenoid valves SV1A9, SV1A10 and SV1A11 with air actuated ball valves - Jamesbury 9FB-3600XT with linkage kit and spring return actuator, model VPVL100SR4-5. PELSINT-601 will be affected.	1A furnace	ISA-08 Pelleting

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9066	2/6/2009	"An operator placed a pan lid under the boat unloader which touched the circuit board causing some sparks. This CCF is being written as an emergency CCF for work completed on the weekend of 1-17-09. EH&S Engineers Chris Miller and Carl Snyder were contac	3A Sintering Furnace Electrical Cover	"A cover was made and placed below the boat unloader at the end of the 3A furnace to cover some exposed circuit boards and wiring."	3A Furnace Boat Unloader	ISA-08 Pelleting
9067	2/5/2009	The plastic rollers currently utilized in traversing the tube are abrading and represent a potential FME issue.	Line 8 Transfer Roller Replacement	"Replace the plastic rollers currently used on line 8 that transfer tubes into the AVIS handling equipment with ones made of stainless steel."	CFFF, Tube Prep, Line 8	Clean Side Rod Area
9068	2/4/2009	Avoid servo failure on power up	Boatloader 4 Servo Power	"A contactor, pulled in by 24VDC power, will be added in series to the 240VAC servo power."	ADU Pellet Boatloader 4	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9069	2/4/2009	The Hematite Lathe needs to be tested before it can be used in the Machine Shop. If the Lathe fails it will not be used in the Machine Shop and it will be scrapped.	Testing of Hematite Leblond Makino Lathe	"An area in Maintenance is being setup for testing the Hematite Lablond Makino Lathe. The Lathe power supply requires 480V/40A Supply. Per the attached drawing a spare MCP 30A breaker will be replaced with an HFD 40A breaker. The Lathe will only be hooke	Maintenance Chemical	Miscellaneous
9070	4/21/2009	The existing flow switches are obsolete and are no longer available. The proposed modification has been used successfully implemented on lines 1-4 CCFs # 08358; 08479; 08482; 08483	Replace Flow switch FSL-506A with magflow meter	The Teflon flow switch that is used to verify flow in the recirculation loop of the Nitrate storage column on line 4 and protect P-506A & P-506B will be replaced by a Rosemount magnetic flowmeter connected to a Moore SPA trip amplifier. The process pipe w	Line 5, wet end	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9071	9/21/2009	"Currently, the Hot Oil Dryer System (HODS) is used to dry wet ADU in Conversion. Using hot oil presents a potential for fire hazard and Westinghouse insurer ANI has recommended replacing hot oil system with a system that eliminates the hazards from an	Line 5 ADU Electric Dryer Installation	"Replace the ADU hot oil dryer with electric heat dryer. In addition, steam trace filter housing will be replaced with electric heated housing."	ADU Line 5 dryer	ISA-03 ADU Conversion
9072	2/6/2009	Changes identical to CCF 08147 (Items 1-3)To reduce the possibility for water flow blockage through the sintering furnace cooling sections. Item 4 is no longer in use and needs removed from the drawing. Item 5 is to prevent the elements from shortin	1A Sintering Furnace Improvements	1) Add a Hayward Duplex strainer on the cooling water line just prior to the header supplying the furnace. 2) Increase the copper line size from 1/4" to 3/8" diameter to reduce blockages. Change the 1/4" needle valves to 3/8" ball valves as well. 3) S	1A Sintering Furnace	ISA-08 Pelleting

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9073	2/12/2009	Restrooms does not have heat, and it is very cold during winter months.	Front Entrance Restroom Heaters	"Install recess mounted ceiling heaters in front entrance restrooms."	Front Entrance Restrooms	Miscellaneous
9074	2/6/2009	This change will keep the material in the passive overflow leg from being stagnant and prevent UO2F2 particles from forming in the passive overflow.	Change Pump Inlet on ADU Line 3 from bottom of xO2 column to end of Passive overflow leg.	"Modify piping to allow pump suction to pull liquid from the passive overflow leg instead of bottom of the xO2 column."	Line 3 Hydrolysis Column	ISA-03 ADU Conversion
9075	5/21/2009	Safety. Condition of bottom of the tank is unknown	T-19 Bottom Coating	"Install flanges in the fill line (P059-1 ½"-61), recirc line (P057-1 ½"-61) and vent line (P204-2"-09) going to the top of the T-19 tank to allow for the tank to be removed for bottom inspection and coating. Epoxy coat the bottom of the T-19 tank and co	Tank farm, T-19	ISA-06 Chemicals Receipt, Handling and Storage

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9078	3/11/2009	Currently installed pump and DC drive have exceeded its useful life. Additionally, this will standardize on one model pump instead of two.	Replace V-1481 pulser pump	"Replace V-1481 pulser pump with modern vintage, smaller pump: Milton Roy model MBH641-8G PB CC M1 S1 ST 11 NN XX. Replace DC drive/motor with modern vintage AC drive/motor"	V-1481	ISA-07 Solvent Extraction
9080	10/14/2009	1. The gauges remains plugged and disfunctional. 2. We clean the demisters on a frequency as opposed to differential pressure 3. We use a calculated differential pressure with other instrumentation to help us gauge the differential pressure across the dem	Remove DP gauges across incinerator demister pads	"Remove DP gauges and transmitter across incinerator demister pads."	Incinerator demisters	ISA-13 Low Level Radioactive Waste Processing

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9089	2/23/2009	This change will prevent interrupting a test if we were have communications problems with the WonderWare PLC in Viper Control Room.	Viper Loop Control Changes	The Viper Loop PLC "talks" to 2 WonderWare Stations. We had an issue where the WonderWare in the Mech.Development Lab "locked up" and the Viper operators were not confident that the Guard Station alarms were working. This change will allow us to directly	Mech. Development Lab Viper PLC	ISA-18 Laboratories
9090	2/6/2009	<p>1. Current design fails frequently (seamed 304SS tubes, carbon steel shell) - new design remedies these two weak design points</p> <p>2. Current design is seriously oversized - smaller design will be much easier for maintenance to handle</p> <p>3. Standardization - thi</p>	Replace HX-1484	"Replace HX-1484 with 34 sq ft 316 SS exchanger - ITT Standard model 06036. New exchanger is smaller and is constructed of stainless steel tubes and shell. The new exchanger will be installed in the same location as the existing exchanger. The heat ex	V-1484 - SOLX II concentration system	ISA-07 Solvent Extraction

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9092	3/25/2009	Tie-ins required to bring the new T-19 & T-41 piping associated with the new T-20 tank project on line. This will allow the piping modifications and new T-20 tank installation to be completed without shutting-down Conversion.	T-19 & T-41 Tank Tie-Ins for New T-20 Tank Project	"Complete tie-ins of new piping to the T-19 tank. Tie-ins include T-19 fill line (P059), T-19 recirculation line (P057), T-19 blowout line, T-19 pumps to valve header (P05:1), and plant feed (P056). Complete tie-in of new feed line from pump P-3B to the e	T-19 & T-41 in Tank Farm	ISA-06 Chemicals Receipt, Handling and Storage
9093	2/17/2009	The fans are needed to remove moisture. Excess moisture for extended periods of time creat the potential for MOLD build up. The outlets are needed to provide electrical service for the temporary fans.	GFCI Outlets for Modular Office Buildings	"We will installing Ground Fault (GFCI) outlets on Modular Offices (trailers) 1-4. Along with the GFCI install, temporary fans will be mounted under each trailer in the Skirt to remove moisture."	Outside Modular Offices 1-4	Miscellaneous

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9094	2/12/2009	CAPs #08-353-C003 Maintenance Event Clock reset under Safety due to a reportable injury. During a plant evacuation drill, a third shift mechanic stepped in a hole near the scanners at the flagpoles, twisting his left ankle.	Additional lighting for Emergency Assembly Point Area	"We will be installing additional lighting to cover our emergency evacuation assembly point area."	Assembly Point Area Near Card Readers and Flag Poles	Miscellaneous
9095	2/11/2009	The existing motor and brake are no longer available (obsolete).	Replace Conveyor Drive motor at Rod Weigh	"The conveyer drive motor on the conveyer in front of Rod Weigh has a brake which has failed. We will be replacing the motor/brake as an assembly."	Rod conveyor between Pass-through window and Rod Weigh	Clean Side Rod Area
9096	2/6/2009	A new rack of equipment is being installed in the computer room to support operations. This installation will require that additional receptacles be installed.	Install Receptacles in Computer Room	"Install (2) 208 vac, 30 amp receptacles in the computer room."	Computer Room	Miscellaneous

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9097	2/6/2009	Recently a meeting was held in the T-Meeting Room when a Plant announcement was made. The personnel in the room did not hear the announcement. The addition of the speaker will increase the safety for Plant Personnel.	Fire Alarm Speaker in T-Meeting Room	"Add a Fire Alarm Speaker in the T-Meeting Room, formally known as the Video Conference Room that is next to the Fitness Room."	T-Meeting Room	Miscellaneous
9099	8/13/2009	"Modifications previously performed for the AP1000 length rod have highlighted the need for wider lift pads to help prevent FME (paint chip) contamination of the rods as they are transported. The repositioning of the rods due to this increased length al	UT 1 & 2 Lift Pad Upgrade and Ramp Addition	Replace two sections of rod lifting pads coming out of the UT station with wider pads. Similar pads are currently being used for this operation on the UTs. The original versions were .75" wide and either 11 or 12 positions in length. The new units will	CFFF, Mechanical, UTs (Rod Soft Handling)	ISA-10 ADU Rods

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9100	6/25/2009	A powder sampler will be used to determine the characteristics of powder with the current hot oil drying system and compare that profile to the future electric drying system.	Installation of powder sampler at the ADU dryer	"Install a powder sampler at the ADU dryer outlet."	Line 5 ADU dryer	ISA-03 ADU Conversion
9101	8/13/2009	The current two piece units are easily broken and allow the Rods to come into contact with the lifter's painted surface. This causes a potential FME and operations issue.	Gamma Scanner Entry Queue Lift Pad Upgrade	Replace 4 the curent 20 lift pads/bump ramp details at the ends of the GS 3/4 entry queue with wider ones which incorporate an "all in one" design. These will be utilized as "Like Kind Replacements" for any future replacements at thes two positions. (PI	CFFF, Mechanical, Gamma Scanner 3/4 Entry Queue	ISA-10 ADU Rods

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA-ID
9102	3/10/2009	The electrical box was verified to only contains terminal blocks. In order to make room to install a control panel for the dryer electric heaters project, the electrical box will be moved from its current location.	ADU Line 5 Electrical Box Move	"To move a electrical box from its current location."	ADU Line 5 dryer area	ISA-03 ADU Conversion
9103	2/20/2009	="This tool will be evaluated on line #4 for the purpose of cleaning powder buildup in the pvc drains leading from the Fitzmill enclosure to the geo con container. If approved without any changes, the tool will be used for Fitzmill enclosures on Lines #1	Fitzmill Drain Cleaning Tool	"Pipe cleaning brush for the purpose of cleaning the passive pvc pipe drains at each Fitzmill enclosure."	Conversion	ISA-03 ADU Conversion
9105	4/8/2009	CSE-3-G requires at least 3"x19" void of space in the existing sumps.	UF6 Bay Sump Volume Reducer	"Install cylindrical stainless bar stock into both the east and west trench sumps per CSE-3-G. The stainless bar stock is 3.75 inches in diameter by 20 inches long."	East and west sump in UF6 bay trench	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9106	5/13/2009	"The thermal stability furnaces do not have adequate water flow when all 6 furnaces are running. The furnaces were installed without inlet pipe pressure gauges which severely limits engineering's ability to monitor the system and troubleshoot the flowrate	Thermal Stability Coolant System	"Install pressure gauges in the coolant piping system for the thermal stability furnaces. Remove inline strainer from system after basket strainer."	Pellet Area Thermal Stability Furnaces	ISA-08 Pelleting
9107	3/2/2009	Rod and tube movement in these areas may allow paint to be scraped onto fuel rods and tubes. This creates foreign material concerns and should be avoided.	Install stainless Steel shields to rework table	"Add stainless steel covers (shields) to the exposed painted surfaces at the front of the rod rework table. These shields will clamp around the exposed paint, or use existing attachment points to avoid drilling and adding new holes to the table."	Exposed painted surfaces facing the pellet area team room	ISA-10 ADU Rods

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9108	2/18/2009	It is difficult to hear Plant announcements in this Conference Room since there is no speaker nearby. This will increase the safety of the occupants of this room.	Fire Alarm Speaker in Chemical Area T Meeting Room	"Install a Fire Alarm Speaker in the Chemical Area T-Meeting Conference Room."	Chemical Area T Meeting Conference Room above the TDC Room.	Miscellaneous
9109	2/26/2009	The existing fuel oil pump assembly (1974 vintage) is obsolete; parts are no longer available.	Fuel Oil Pump Replacement on Power Master Boiler	Replace the obsolete fuel oil metering pump assembly on the Power Master Boiler with a modern fuel oil metering pump assembly. This modern version will be supplied by "Ray Burner", the OEM of the burner assembly.	Plant Grounds, Boiler House #1	Grounds
9110	3/4/2009	Replacement of existing cabinets with larger cabinet.	Stainless Steel gage cabinets	New larger stainless steel cabinets will be made to replace the existing ones in order to organize all of the gages in each area. The cabinets will be approximately 3'x3'x6' and have holes at the bottom so that it can not retain water. 1 will be placed	ADU rod area and IFBA rod area	ISA-10 ADU Rods

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9111	3/3/2009	Current hand dryers do not do a good job and damp hands can cause an inaccurate reading by the hand scanner.	Hand Dryer upgrade at step off Pads	"This CCF will allow us to upgrade the existing hand dryers to a higher efficiency type. The first unit will be installed at the maintenance step off pad for testing."	Step off Pads	Miscellaneous
9112	2/11/2009	We have multiple types of cameras to be used with the bar code readers. We need a universal mounting bracket which will accept either camera.	Bar Code Reader Universal Camera Mount	"Make universal mounting brackets for bar code reader cameras."	Oxide Coater 2	Miscellaneous
9113	2/5/2009	Necessary to complete FME Barrier Installation (CCF 08632)	Relocate/Remove Utilites from Tool Room Fencing	Re-route computer and phone lines that service a desk in non-fuel. They currently pass THRU the existing Tool Room perimeter fence. Remove and relocate/eliminate items which are currently mounted on the fence. Install post to support relocated utilitie	Non-Fuel Desk at Tool Room Perimeter	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9114	4/2/2009	Process no longer requires welding on the Top Nozzle. Existing conduit can be utilized on UCON project to avoid potential FME, Planned Process shutdowns for installing new conduit. Cost savings by utilization of existing conduits and wire.	Remove Welding Receptacle at Loader 4.	"Remove unused welding receptacle and spare circuit at loader 4"	Loader 4	ISA-17 Final Assembly
9116	3/3/2009	Unit is obsolete and needs to be removed from the area. This unit was found to be out of service when upgrading the maintenance alarm panel.	Remove obsolete Freon Detector in Equipment Room 3	"Remove obsolete Freon 12 Detector in Equipment Room 3. This unit is abandoned in place. We have a new functioning freon Detector Equipment Room 3 which replaces the Freon 12 detector."	Equipment Room 3	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9118	9/15/2009	Cylinders are currently inside the building near product storeroom area and across the aisle of Grid Strap area. This space is needed to store UCON barrels to support Final Assembly. Cylinders have been stored outside before.	Cylinder Pad	"Pour a 20' x 15' concrete pad outside the building near the ramp between shipping and receiving and store room cage area. Install a metal shed over pad, which will be consisting of Gas Cylinders."	Outside of Storeroom Cage Area	Grounds
9119	5/4/2009	The current Pressurization Sensor for the WABA 3 and 4 welds uses an Ultrasensor Probe. This system is obsolete. We would like to update the system to use a micrometer. This type of sensing is currently used in another area of the plant.	WABA Pressurization Sensor	"Replace the current Ultrasensor Probe with a micrometer system for sensing pressurization during the WABA 3 and 4 welds."	WABA Line 10/11	Clean Side Rod Area
9120	3/5/2009	A seperate chiller to support the Helium Compressor is a better design than the present supply we have coming from our cooling tower.	Add new concrete pad and chiller for Helium Compressor	Extend the existing concrete pad by an additional 3'6" and install a chiller to support the new Helium Compressor	Helium Compressor	Grounds

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9122	12/8/2009	CLEN rack needs to be removed to make room for the new washing machine installation.	Remove CLEN Kanban powder storage rack	"Remove CLEN rack within the scrap cage."	Scrap Cage	ISA-16 Nclear Material Storage
9123	2/5/2009	We are having electrical "noise" issues on the PLC/DEC interface signals. This is causing the DEC computer to interrupt the normal rod cycle.	Test and modify PLC / DEC Computer interface on UT1 and UT2	"Test and modify PLC / DEC Computer interface on UT1 and UT2."	Ultrasonic Test Stations 1 and 2	Clean Side Rod Area
9124	2/23/2009	The change will prevent the condition recently observed that causes ChAMPS to create a pack from the sampler buffer.	ADU Line 1 Sampler PLC Communicatons	"The automatic moisture sampler PLC will be modified to afford consistency among the instance where the PLC's communications with ChAMPS is confirmed. The communications with ChAMPS will continue to be confirmed before each of the three cycles may begin	ADU Conversion line 1 mill	ISA-03 ADU Conversion

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9125	2/23/2009	The change will prevent the condition recently observed that causes ChAMPS to create a pack from the sampler buffer.	ADU Line 2 Sampler PLC Communicatons	"The automatic moisture sampler PLC will be modified to afford consistency among the instance where the PLC's communications with ChAMPS is confirmed. The communications with ChAMPS will continue to be confirmed before each of the three cycles may begin	ADU Conversion line 2 mill	ISA-03 ADU Conversion
9126	2/23/2009	The change will prevent the condition recently observed that causes ChAMPS to create a pack from the sampler buffer.	ADU Line 3 Sampler PLC Communicatons	"The automatic moisture sampler PLC will be modified to afford consistency among the instance where the PLC's communications with ChAMPS is confirmed. The communications with ChAMPS will continue to be confirmed before each of the three cycles may begin	ADU Conversion line 3 mill	ISA-03 ADU Conversion

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9127	2/23/2009	The change will prevent the condition recently observed that causes ChAMPS to create a pack from the sampler buffer.	ADU Line 4 Sampler PLC Communicatons	"The automatic moisture sampler PLC will be modified to afford consistency among the instance where the PLC's communications with ChAMPS is confirmed. The communications with ChAMPS will continue to be confirmed before each of the three cycles may begin	ADU Conversion line 4 mill	ISA-03 ADU Conversion
9128	2/23/2009	The change will prevent the condition recently observed that causes ChAMPS to create a pack from the sampler buffer.	ADU Line 5 Sampler PLC Communicatons	"The automatic moisture sampler PLC will be modified to afford consistency among the instance where the PLC's communications with ChAMPS is confirmed. The communications with ChAMPS will continue to be confirmed before each of the three cycles may begin	ADU Conversion line 5 mill	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9129	5/13/2009	This valve is needed for consistent chiller operation in the winter months. This valve will automatically control the bypass circuit of the condenser water loop when the cooling tower temperature is below 60 degrees.	Modulating Valve for the Condenser on the Erbia Chiller	"Install a modulating valve in place of a manual valve in the cooling tower bypass piping on the Erbia Chiller condenser loop."	IFBA Mechanical Equipment Room, Erbia Chiller	Grounds
9130	3/4/2009	This change will keep the material in the passive overflow leg from being stagnant and prevent UO2F2 particles from forming in the passive overflow.	Change Pump Inlet on ADU Line 1 from bottom of x02 column to end of Passive overflow leg.	"Modify piping to allow pump suction to pull liquid from the passive overflow leg instead of bottom of the x02 column."	Hydrolysis Column Line 1	ISA-03 ADU Conversion
9131	3/10/2009	The size and electrical characteristics are identical for both parts. Attached to the CCF are the vendor cut sheets.	Obsolete Store Room Part Number 92063	"Store Room #92063 - CONNECTOR, BOM-16 ONE WIRE TERMINAL BLOCK, ABB ENTRELEC 002101704 is obsolete. The new ABB part number is 062101712."	Used in PLC Cabinets	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9132	2/18/2009	There currently is not a Fire Alarm Speaker in the Annealing Room. Operators in the room have stated they cannot hear Plant announcements. The addition of this speaker will increase the safety of personnel in the area.	Install a Fire Alarm Speaker in Annealing Room	"Install a Fire Alarm Speaker in the Zirc Strap Cleaning and Annealing Room."	Zirc Strap Cleaning and Annealing Room	Components
9133	3/3/2009	This system currently exists but the push button panel is too far away (nearby the UT stations). We will be adding a panel by Rod Weigh.	Install Push Button Panel for "Lines Full" communications to Rod Lines	Install Push Button Panel for "Lines Full" indication to Rod Lines.	Rod pass through by Rod Weigh on the Clean Side	Clean Side Rod Area
9134	2/18/2009	The old Visitors lobby was converted into two conference rooms, 111 and 112. The existing speaker that serviced the lobby is now in CR-111. The volume of the speaker is now too loud for the small conference room. In addition, there is not a speaker in	Install a Fire Alarm Speaker in CR-112	"Install a Fire Alarm Speaker in Conference Room 112, and lower the tap setting (volume) on the Speaker in Conference Room 111."	Conference Rooms 111 and 112	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF Number	Approved	Justification	Title	Description	Location	ISA ID
9135	2/17/2009	NRC requirement	Set up Safeguard Room	"Set up office space to house safeguard information. This is by installing locks, alarm, safe and computer equipment. This room will also need to be furnished. Wires will need to be pulled for badge reader and mag lock."	First floor expansion area office (Transportation Office)	Miscellaneous
9137	2/12/2009	Safety. Eyesore. The old extensions flex excessively, and are broken in places.	Cafeteria Cashier Station Countertop Repair	<p>Repair Cafeteria Cashier Station countertop.</p> <p>The stainless steel cashier station countertop has extensions that are broken.</p> <p>New, custom, Stainless Steel extensions are being fabricated to replace the old extensions.</p> <p>The new extensions are being design</p>	Cafeteria Cashier Station Countertop	Miscellaneous

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9138	3/4/2009	Inprove dryer pressure control	Line 3 dryer condenser	The Alfa Laval dryer condenser uses 19 plates, 24.7 sq.ft. of cooling area. The condenser has a capacity of 31 plates. We had performed a test on line 3 by adding 2 extra plates to the condenser. That has helped to reduce the dryer pressure but still not e	Conversion line 3 dryer condenser	ISA-03 ADU Conversion
9141	3/9/2009	poor lighting	Conversion Furnace/Grinder Line Lighting	"We will be adding additional lighting down main pathway between end of furnaces and pellet grinder lines 1-4. Lighting to be added will be of type 120v vapor tight flourecent fixtures."	between furnance and pellet grinder lines 1-4	ISA-08 Pelleting
9142	3/3/2009	Existing unit is obsolete.	Replace Freon Detector in Equipment Room 3	"Replace the Freon Detector in Equipment Room 3"	Freon detector in Equipment Room 3	Miscellaneous

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9143	3/5/2009	Current door attaching method does not trap the steam inside the cleaner well enough to clean fixture effectively.	Fixture Steam Cleaner, Door improvements	1. Remove clamps that currently hold door in place. 2. Add 2 straps with hand tightening type bolts to door and nuts to cleaner.	IFBA, FA3	ISA-14 IFBA Processing
9145	2/18/2009	The existing galvanized panels are extremely corroded.	Replace panels on Cooling Towers	"Replace the side panels on (3) cooling towers which supply condenser water to Chillers 1, 2, & 3 in Equipment Room #1. The existing panels are constructed of galvanized. The new panels will be fabricated using 16 gage 304 stainless steel."	Roof, Mechanical Area	Grounds

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9146	3/4/2009	The existing duct suffers from a degeneration of structure.	Replace duct on ventilation system FN-1A / 1B	<p>Replace degraded sections of 30" diameter galvanized duct on ventilation system FL 1A / 1B. The new sections of duct will be constructed of 16 gage 304 stainless steel with van stone rolled angle flanged connections.</p> <p>This project will also include strate</p>	Roof, Chemical Area	ISA-01 Plant Ventilation System
9147	2/26/2009	These changes are required to meet ASHRAE Standard 15-2007, the Safety Standard for Refrigeration Systems.	Install an Exhaust Fan in Equipment Room #3	<p>Equipment Room #3 houses three 500 ton Chillers. Each Chiller is charged with 1150 lbs of R-134A refrigerant .</p> <p>In order to protect against personal injury from an accidental release of refrigerant, a room exhaust system is required.</p> <p>Install a 4500 CFM</p>	Equipment Room #3	Grounds

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9150	2/18/2009	The vibrator is being installed to reduce or eliminate ADU build up in this region of the tank.	V-319 Vibrator	"Attach a vibrator to the lower transition of the V-319 ADU slurry collection tank. This is the same vibrator which was attached to the previous slab V-319 tank under CCF 08310."	Conversion ADU V-319 Tank	ISA-03 ADU Conversion
9151	2/12/2009	Required to provide clearance between retaining ring and bearing locking ring device.	Roll Compactor Bearing Retainer Ring Modification	"Machine out section of retaining ring(361F05EQ01, Item 123). See attached Item 123.pdf file for proposed design change."	ADU Pelleting / Roll Compactor	ISA-08 Pelleting
9152	3/2/2009	This change will standardize the suction wand hoses across all 5 conversion lines and the fittings will help reduce leaks.	V106 Suction Wand Hose	Remove the Conversion Line 1 four foot long 3/4" ID Teflon lined EPDM hose and replace it with a five foot long 1/2" ID Teflon lined EPDM hose with 1/2" NPT fittings on each end.	ADU Conversion Line 1 Uranyl Nitrate System	ISA-03 ADU Conversion
9153	3/4/2009	To create more space for laundry carts and maintain a minimum clearance of 48" in the hallway per Life Safety Code	Relocate Lockers in the Hallway Between Chem Lab and the Mailroom	"This CCF will remove the benches in the hallway and slide the lockers down towards Chem Lab"	Hallway Between Chem Lab and Mailroom	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9154	3/18/2009	There have been several seal failures over the past few months that seem to be related to thermal shock. Having better lubrication should slow down the heat building up during process upsets, and lead to less seal failures.	Change seal faces on P-105B	Using the same double mechanical seal that has been in service on the P-105B pump for the past year, change out the inner seal faces to include "lube groove" technology, which would create better lubrication by distributing the DI water more evenly.	P-105B	ISA-03 ADU Conversion
9156	6/25/2009	To comply with the new Waterglass Criticality Safety Evaluations (CSEs)	Disconnect Piping from P-1164 A&B to T-1167B	"This CCF will disconnect the piping from the discharge of P-1164A & B hopper pumps to T-1167B tank in the waterglass building"	URRS Waterglass Building	ISA-15 URRS Wastewater Treatment System
9159	3/4/2009	Our current operating status is not compliant with today's NEC or DHEC regulations. Our current equipment is 30+ yrs old and is in constant need of repair.	Cafeteria Electrical/Appliance Installation Phase II	"Following completion of CCF 08444, we will be adding and or replacing several new appliances in the Kitchen /Dinning Room. To do so, we will be running conduit over head, in walls, and in the floors where needed to provide electrical service."	Kitchen and Dinning Room	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9160	3/4/2009	Restroom fixtures are worn, and the wall and floor tiles are cracking, grimy etc. Also, materials and equipment is outdated and requires unnecessary maintenance.	Renovate Restroom Near Maintenance Shop	"Renovate men's and women's restroom with general upgrades to fixtures, floors, and walls. Also, install new hands free dispensers in restrooms. Add more space and new toilet in the women's restroom."	Mechanical Side Restroom Near Maintenance	Miscellaneous
9161	3/10/2009	We have a high failure rate of the existing capacitors. A larger capacitor will hopefully extend the life of these units.	Replacement Capacitors on Dehumidifier Skid	"Replace the capacitors on the valve control motors on the dehumidification skid outside of Erbia. The new capacitors will be physically larger and will require external mounting."	Dehumidification Skid outside by Erbia Dry Room	Grounds
9164	3/9/2009	Storeroom part #198073 is no longer available and we need a replacement part.	Storeroom Solenoid Substitution	"This CCF will allow us to substitute Asco #8262G130 for the obsolete Asco #8262A132. The primary difference is in the max pressure rating, the obsolete part is rated at 1000psi the solenoid replacement is rated a 750psi. In our applications the highest	Rodlines	Miscellaneous

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9165	3/4/2009	This change will standardize the suction wand hoses across all 5 conversion lines and the fittings will help reduce leaks.	V206 Suction Wand Hose	Remove the Conversion Line 2 four foot long 3/4" ID Teflon lined EPDM hose and replace it with a five foot long 1/2" ID Teflon lined EPDM hose with 1/2" NPT fittings on each end.	ADU Conversion Line 2 Uranyl Nitrate System	ISA-03 ADU Conversion
9166	3/4/2009	This change will standardize the suction wand hoses across all 5 conversion lines and the fittings will help reduce leaks.	V306 Suction Wand Hose	Remove the Conversion Line 3 four foot long 3/4" ID Teflon lined EPDM hose and replace it with a five foot long 1/2" ID Teflon lined EPDM hose with 1/2" NPT fittings on each end.	ADU Conversion Line 3 Uranyl Nitrate System	ISA-03 ADU Conversion
9167	3/4/2009	This change will standardize the suction wand hoses across all 5 conversion lines and the fittings will help reduce leaks.	V506 Suction Wand Hose	Remove the Conversion Line 5 four foot long 3/4" ID Teflon lined EPDM hose and replace it with a five foot long 1/2" ID Teflon lined EPDM hose with 1/2" NPT fittings on each end.	ADU Conversion Line 5 Uranyl Nitrate System	ISA-03 ADU Conversion
9168	4/28/2009	Double block and bleed valves are needed for eventual shutdown of ADU Line 5 Hot Oil System.	ADU Line 5 Hot Oil Isolation Valves Installation	"Add a second isolation valve and a vent valve for the supply and the return pipe line."	ADU Line 5 and Line 1 Calciner	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9169	5/13/2009	Seismic qualification.	ADU Line 5 Dryer Pedestal	"Add reinforcement steel plates to the exit end pedestal base of the dryer."	ADU Line 5	ISA-03 ADU Conversion
9171	3/9/2009	Doing trial test to verify equipments performance prior to installation.	Temporary Set-up of New ADU Electric Heater Dryer	"This CCF is to set up temporary power in the PSE storage building for the ADU electric dryer validation trials."	PSE Storage Building	ISA-03 ADU Conversion
9172	9/16/2009	When removing a back plate it is possible to have crystals off-gas when the back plate is removed. The immersion of the back plate would control the off gassing. See CAP 08-204-C004 and commitment #1.	Vx02 Back Plate Immersion Pan	Fabricate and implement the use of a pan to be used to immerse the Vx02 column back plate (the modified blind flange that the Strahman valves are bolted to). The pan will be made of stainless steel, have a 18" diameter, have a depth of 3.25" and will be	Conversion Tool	ISA-03 ADU Conversion
9173	3/4/2009	The floor storage CSE needs to be implemented. This is requiring us to reassign where the Man Lifts and Fork trucks are stored.	Add Charging Stations in UF6 Bay, old MAP Area	"Add charging Stations for battery powered equipment (man lifts, fork trucks, etc) in the UF6 Bay at the front end of the MAP Line. MAP Vaporizers have been removed."	Front End of MAP line in the UF6 Bay	Miscellaneous

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9174	3/2/2009	To make room to install stainless steel sheets to cover the wall and eliminate potential for the paint on the wall to get on the fuel rod carts in the area.	Relocate ladder and remove unused conduit	"Relocate by the restroom area next to the tool shop from the main aisleway to the hall by the women's room door. Remove the conduit on the same wall along main hallway."	Main aisleway by restrooms	Miscellaneous
9175	3/9/2009	FME Concerns, Quality, Eyesore, and Delighting the Customer. Eliminate possibility of paint chips being scraped into a passing tube cart.	Install SS Panels on Painted Wall	"Install SS Panels on the painted cinder block walls which are the exterior walls of the bathrooms located near the Tool Room."	Exterior Walls of Bathrooms near Tool Room	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9176	3/2/2009	This pre-work is required to be done to reduce the production down time needed.	ADU LINE # 1 DECANTER PREWORK	<p>Electrical pre-work will be done for the ADU Line #1 Decanter. This work will involve the following:</p> <ol style="list-style-type: none"> 1. New Analog signal will be tied into the 4-20 mA isolator to display LI-119B on Decanter HMI. 2. Route Conduit to new location for SV120A, SV120B and 	ADU LINE # 1 DECANTER	ISA-03 ADU Conversion
9177	3/25/2009	<p>Safety - Cart must be removed due to crit concerns. Remove small table to avoid stooping.</p> <p>Quality - Remove existing painted shelf unit which is corroded to address FME concerns.</p> <p>Delighting the customer - Remove worn, corroded, mismatched fixtures and</p>	Sample Shelf and Table in Chem Lab-MS Prep Room	<p>Remove existing wall mounted shelf unit. Remove table, cabinet, and cart under wall mounted shelf unit.</p> <p>Install new stainless steel shelves on wall. Place new stainless steel table under wall mounted shelves.</p> <p>Please see attached file for photos and draw</p>	Chem Lab	ISA-18 Laboratories

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9179	3/4/2009	This is an EH&S requirement for the implementation of the new decanter system.	V-112 Reflection Barrier	Install barriers on the V-112 tank to maintain a 6" minimum spacing between a person and the vessel.	Conversion Line 1 V-112	ISA-03 ADU Conversion
9180	3/4/2009	This is an EH&S requirement for the implementation of the new decanter system.	V-512 Reflection Barrier	Install barriers on the V-512 tank to maintain a 6" minimum spacing between a person and the vessel.	Conversion Line 5 V-512	ISA-03 ADU Conversion
9181	3/4/2009	This is an EH&S requirement for the implementation of the new decanter system.	V-412 Reflection Barrier	Install barriers on the V-412 tank to maintain a 6" minimum spacing between a person and the vessel.	Conversion Line 4 V-412	ISA-03 ADU Conversion
9182	3/4/2009	This is an EH&S requirement for the implementation of the new decanter system.	V-212 Reflection Barrier	Install barriers on the V-212 tank to maintain a 6" minimum spacing between a person and the vessel.	Conversion Line 2 V-212	ISA-03 ADU Conversion
9183	3/9/2009	This replacement will eliminate a hazardous substance from our facility.	Replace Mercury -Type Pressure Switches	"Replace (2) mercury pressure control switches on the Power Master Boiler with fail-safe dual bellows pressure switches."	Boiler House #1	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9185	3/10/2009	This replacement will eliminate a hazardous substance from our facility.	Replace mercury pressure switches	"Replace (2) mercury pressure control switches on North American #1 Boiler with fail-safe dual bellows pressure switches."	Boiler House / Facilities	Miscellaneous
9186	3/11/2009	This replacement will eliminate a hazardous substance from our facility.	Replace Mercury Pressure Switches	"Replace (2) mercury pressure control switches on North American #2 Boiler with fail-safe dual bellows pressure switches."	Boiler House #2 / Facilities	Miscellaneous
9187	5/13/2009	UCON requires controlled storage area and pump for drum to tank transfer	UCON STORAGE SERVICE	"Install electrical service and arrange area for UCON drum storage"	Mechanical Storage	ISA-17 Final Assembly
9188	3/4/2009	Everything is very old - in need of replacement.	Waterglass Control Room Upgrade	"This CCF will install new flooring, doors, wall covering, and furniture in the Waterglass Control Room."	URRS Outside Waterglass Building	ISA-15 URRS Wastewater Treatment System
9191	3/4/2009	Everything is very old - in need of replacement.	Ammonia Distillation Control Room Upgrade	"This CCF will install new flooring, doors, wall covering, and furniture in the Stills Control Room."	URRS Outside Ammonia Distillation Control Room	ISA-15 URRS Wastewater Treatment System

Westinghouse Non-Proprietary Class 3

GCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9193	5/13/2009	"Internal corrosion to the induction coils of the Oxide Coater will eventually totally clog the coil, thus rendering it inoperable. Equipment is under a year in operation and measures need to be taken in order to ensure operability in the future. Bank A	Provide Corrosion Control for Oxide Coater #2	"Sacrificial anode to be installed in Banks B and C Induction coils on Oxide Coater #2 to prevent corrosion inside the coils. Zinc or aluminum rod will be installed in the water loop of the coils using a brass fitting and pipe configuration in order to re	Mechanical Area - Oxide Coater #2	Clean Side Rod Area
9194	5/13/2009	Currently this door is labeled on for it's intended use, but there is no device that keeps someone from entering the controlled area of the plant from the outside, or exiting the controlled area and not sounding some type of alarm from the inside.	Emergency Exit Door next to Oven 3	"Fix door so that no one can enter controlled area of the plant from the outside, but allow personnel on the inside to use this door as an Emergency Exit ONLY."	IFBA next to Vac Oven 3 and Dry Room	ISA-12 IFBA Fuel Rod Manufacturing
9197	12/15/2009	To help operator perform job more effectively. Improve safety - reduce likelihood that unanalyzed material is pumped out to waste treatment.	Add automatic valves to V-1493 pumpout	"Add automatic block valves to V-1493 pumpout."	SOLX	ISA-07 Solvent Extraction

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9199	5/19/2009	This change will keep the material in the passive overflow leg from being stagnant and prevent UO ₂ F ₂ particles from forming in the passive overflow. Same as CCF 09-074 for Line 3 CCF 09-130 for Line 1	Change Pump Inlet on ADU Line 2 from bottom of xO ₂ column to end of Passive overflow leg.	"Modify piping to allow pump suction to pull liquid from the passive overflow leg instead of bottom of the xO ₂ column."	Hydrolysis Column Line 2	ISA-03 ADU Conversion
9200	4/23/2009	This change will keep the material in the passive overflow leg from being stagnant and prevent UO ₂ F ₂ particles from forming in the passive overflow. Same as CCF 09-074 for Line 3 CCF 09-130 for Line 1 CCF 09-199 for Line 2	Change Pump Inlet on ADU Line 4 from bottom of xO ₂ column to end of Passive overflow leg.	"Modify piping to allow pump suction to pull liquid from the passive overflow leg instead of bottom of the xO ₂ column."	Hydrolysis Column Line 4	ISA-03 ADU Conversion
9201	5/12/2009	EH&S requirement to prevent stacking polypaks on top shelves of racks	Erbia racks changes	"Add overstack prevention bar to Erbium polypak racks."	Upstairs and downstairs in Erbium	ISA-16 Nuclear Material Storage

Westinghouse Non-Proprietary Class 3

CGF-Number	Approved	Justification	Title	Description	Location	ISA ID
9203	5/12/2009	"This effort is largely in response to a significant attempt to reduce Foreign Material in the area. Acetone dripping on the structure and foundation of the equipment is not desirable, from a foreign material and mechanical integrity standpoint. This h	Provide Catch Pan for Cleaning Station on Oxide Coater #2	"The cleaning station on Oxide Coater #2 utilizes Acetone as a cleaning agent for the tubes. Currently, acetone is applied to the tubes and wiped away in order to clean the tube in preparation of the next operation. The excess acetone drips onto the eq	Oxide Coater #2 Cleaning Station	Clean Side Rod Area
9204	2/27/2009	Feeder wire was damaged and must be replaced.	Replace feeder wire from breaker 928 to MCC-7171	"Splice feeder cable to refeed MCC-7171 from breaker 928."	IFBA Mechanical Equipment Room	ISA-12 IFBA Fuel Rod Manufacturing
9205	4/2/2009	The installation of these valves will alleviate the need for two administrative SSC's. The valves are credited in CSE-03-E.	Addition of two 3-way valves and a Spring loaded valve to FL-112A/B	"Two 3-way valves and a Spring loaded valve will be added to the inlet of the bag filter on Line 1. The 3-way valves will be used to direct process solution or Nitrogen to FL-112A/B. The spring-loaded valve will be placed on the Nitrogen valve to assur	FL-112A/B	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CGF-Number	Approved	Justification	Title	Description	Location	ISA ID
9206	4/2/2009	The installation of these valves will alleviate the need for two administrative SSC's. The valves are credited in CSE-03-E.	Addition of two 3-way valves and a Spring loaded valve to FL-212A/B	"Two 3-way valves and a Spring loaded valve will be added to the inlet of the bag filter on Line 2. The 3-way valves will be used to direct process solution or Nitrogen to FL-212A/B. The spring-loaded valve will be placed on the Nitrogen valve to assure	FL-212A/B	ISA-03 ADU Conversion
9207	4/2/2009	The installation of these valves will alleviate the need for two administrative SSC's. The valves are credited in CSE-03-E.	Addition of two 3-way valves and a Spring loaded valve to FL-412A/B	"Two 3-way valves and a Spring loaded valve will be added to the inlet of the bag filter on Line 4. The 3-way valves will be used to direct process solution or Nitrogen to FL-412A/B. The spring-loaded valve will be placed on the Nitrogen valve to assure	FL-412A/B	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9208	4/2/2009	The installation of these valves will alleviate the need for two administrative SSC's. The valves are credited in CSE-03-E.	Addition of two 3-way valves and a Spring loaded valve to FL-512A/B	"Two 3-way valves and a Spring loaded valve will be added to the inlet of the bag filter on line 5. The 3-way valves will be used to direct process solution or Nitrogen to FL-512A/B. The spring-loaded valve will be placed on the Nitrogen valve to assure	FL-512A/B	ISA-03 ADU Conversion
9209	3/18/2009	Existing lockers are falling apart.	Replace lockers	"Replace the lockers on the east wall of the manufacturing areas from the station meeting room all the way to ERBIA. Note some mechanical side lockers mostly Chemical side lockers by line 4."	Hallway	Miscellaneous
9210	3/9/2009	Emergency CCF approved by EHS manager to initiate work to contain leak over the weekend. This CCF documents the change per TA-500.	Roof Leak in Rod Inspection	"This CCF is to document the installation of plastic sheeting for leak in roof over rod inspection on Saturday Feb. 28, 2009."	Above x-ray in Rod Inspection	ISA-10 ADU Rods

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9213	3/16/2009	Requested by plant manager.	Replace light fixtures	"Replace six old, low output light fixtures adjacent to ADU Conversion line 4 with plant standard high output types. The new lights will be fed from existing circuits."	Over walkway, adjacent to line 4	Miscellaneous
9214	3/10/2009	"During a recent drill, there was a complaint that the personnel in the trailer were unable to understand or hear the announcements. Increasing the volume should take care of the problem. This will increase the safety of personnel in these trailers.	Fire Alarm Speakers in Office Trailers	"Increase the tap setting (volume) on the Fire Alarm speakers located in Office Trailers 1,2,3,4,5,6,8."	Office Trailers 1,2,3,4,5,6,8	Miscellaneous
9215	3/23/2009	The metal plates near the sensor are causing the metallic cup in place sensor to function erratically, hence the change to a plastic barreled sensor.	Line 1 Moisture Sampler Cup in Place Sensor	"The cup in place sensor, on line 1, which is currently a metallic barrel threaded capacitance proximity switch will be changed to a plastic barrel threaded capacitance proximity switch."	ADU Conversion Line 1 Moisture Sampler	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9216	3/10/2009	"There currently is a Fire Alarm Speaker in CR-301 which is also used to cover CR-302. But when the partition between the two rooms is closed, personnel in CR-302 cannot hear plant announcements. This installation will increase the safety of Plant Pers	Fire Alarm Speaker for CR-302	"Add a Fire Alarm Speaker in Conference Room 302."	Conference Room 302	Miscellaneous
9217	3/10/2009	"Fire Alarm cabinet C1 speakers services the new expansion office areas, HR, the Kitchen, Medical and Chem Lab. It has been requested to increase speaker coverage in the office areas and the Kitchen. The existing 50 watt amplifier is near it's limit.	Install 100 watt Fire Alarm Speaker Amplifier	"Replace a 50 watt speaker amplifier with a 100 watt unit in Fire Alarm Cabinet C1."	Telephone closet in the HR hallway	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9218	4/7/2009	"In the case of Hi gamma monitor and the pump out, we can make recovery from these excursions much faster with finer filters. Our current procedure allows us to switch to these filters to remove possible colloidal uranium particles in our discharge. This	High efficiency filter bag for Q tank	"High efficiency filter, currently we are using 500 series KHE523P2PL Microfiber design at 2 microm with 99% efficiency for all our normal filtration need. The filtration data of these filters were collected and analysed by B. Henry We also want to use e	Conversion Q tank system	ISA-03 ADU Conversion
9219	4/1/2009	During the recent Shelter in Place exercise, the Personnel in the Kitchen were unable to hear the announcement. After performing a test today, I determined these changes need to be made, and will increase the safety of personnel in these areas.	Additional speaker in the Kitchen	"Raise the tap setting (volume) on a existing speaker in the kitchen and in the cafeteria, and add a new speaker in the back food preparation area of the kitchen."	Kitchen and Cafeteria	Miscellaneous
9220	3/18/2009	To bring the stairwell up to OSHA standards	Front stairwell modification	"Renovate the stairwell by the front entrance"	Stairwell closest to guard desk	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9221	4/16/2009	Floor of the oven is sagging causing the heating elements to short out. Production has been hampered due to this condition.	Stainless Steel supports for Blue-M oven floor	Add stainless steel supports in the element bay of the IFBA Blue-M oven to support the sagging floor. The supports will consist of a section of all-thread inside a pipe (either 1/4" or 3/8" diameter). The base and top of the support will be a square sec	Blue-M oven located in the Erbia area	ISA-20 ERBIA
9223	3/11/2009	The existing unit was damaged while being removed. The lead time for the Chromolox is 4 weeks while the Omega can be on-site next day.	Sintering Furnance #1 Heater Element Change	"We will be replacing on Erbia sintering furnace #1 (FC-9241) saturator the Chromolox heater element with an Omega heater element. The specs are the same, again just of a different Mfg."	Erbia Sintering Furnace #1	ISA-08 Pelleting
9225	4/23/2009	Areas mentioned have no heat installed.	Ceiling Heaters	"We will be installing recessed mounted ceiling heaters in: Customer Men and Women's restrooms, and IFBA Men's Change Room."	Customer Men and Women Restrooms in VP area, and IFBA Men's Change Room	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9226	4/17/2009	"A machine vision system to automatically locate the weld joints will improve cycle time by reducing the time needed for joint location and will free up the operator to concentrate on grid building without the frequent interruptions to perform the joint l	Laser Grid Welder #4 Machine Vision	Change grid laser welder #4 to add hardware and software, and make other changes needed to add a working machine vision system similar to Laser #3. The system is to have a machine vision system mode to allow automatic weld joint location and a bypass mode	the equipment will be installed in the existing laser welder #4 cabinetry	Components
9227	11/5/2009	The CNC control upgrade will result in an approximatly 20% reduction in CNC control cycle time. A machine vision system to automatically locate the weld joints will improve cycle time by reducing the time needed for joint location and will free up the op	Laser Grid Welder #5 Controls Upgrade & Machine Vision	Upgrade Laser #5 CNC Controls to Fanuc 30i controls to be the same as Lasers#3 & #4. At the same time, add hardware and software, and make other changes needed to add a working machine vision system similar to Laser #3. The system is to have a machine vi	the changes are to be completed within the existing machine equipment and electrical enclosures.	Components

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9228	5/12/2009	A machine vision system to automatically locate the weld joint location will free up the operator to concentrate on the grid building without the frequent interruptions to perform the joint location function.	Laser Grid Welder #6 Machine Vision	Change grid laser welder #6 to add hardware and software, and make other changes needed to add a working machine vision system similar to Laser #3. The system is to have a machine vision system mode to allow automatic weld joint location and a bypass mode	The equipment is to be installed in the laser 6 equipment and electrical enclosures.	Components
9229	3/31/2009	The motor fan assembly for the Grid Laser Scrubber needs to be removed for PM monthly. The Quick disconnect will allow us do this safely without unwiring the motor. The proposed disconnects are NFPA 70E compliant	Add Quick Disconnect to Grid Laser Scrubber Fan	"Add Quick Disconnect to Grid Laser Scrubber Fan"	Grid Laser Scrubber Fan (on roof)	Components

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9230	3/25/2009	Richter has discontinued the BV model valve and is supplying the BVA model valve in its place.	Richter Valve Change	Allow the use of a Richter BVA model valve in the place of the Richter BV model valve for valve sizes 1"-2". The BVA model is a full port valve and the BV is a standard port. There are other minor changes in the valve design such as the stem seal. The	Plantwide	Miscellaneous
9231	3/13/2009	The V506 supply piping and the two line five isolation valves on the main header are not needed and are reoccurring maintenance issues.	V506 Nitric Acid Removal	"Remove the nitric acid supply pipe to V506 and the two isolation valves for line five conversion."	Conversion Line 5	ISA-03 ADU Conversion
9232	3/25/2009	The 3002ACT00022 is the new standard model actuator. The older model will have a much greater lead time and will cost more.	Tek-Air Actuator Substitute	"Allow the substitution of ventilation damper actuator from a model 3002ACT00014 to a model 3002ACT00022. The advertised changes in the new model are better position resolution and a higher torque."	Storeroom Spare Substitution	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9233	3/19/2009	Sinks are old and need replacing	Replace sinks	"Replace the sink at the main step off pad and the sink between the Men's room and Ladie's room by conversion line 4. Replace with Acorn Wash-Ware model 3543-F. See attached pdf for sink specs and dimensions."	main aisleway	Miscellaneous
9234	5/12/2009	The use of flanged connections will eliminate the repetitive leaks on the threaded connections.	Replace Threaded Connections on V-1016	"The threaded connections on the discharge of the bag filter for V-1016 are leaking. The threaded connections will be replaced with flanged connections."	Discharge of FL-1016	ISA-11 Scrap Uranium Processing

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9235	6/22/2009	The gamma and pH monitors are active engineered controls in CSE-15-C. CSE-15-C is a June '09 project.	Waterglass Gamma/pH Monitors	CSE-15-C requires gamma monitors and pH monitors on the ADU waste stream from pumps 116B/216B in the Q tank area to tanks 1160A/B/C in Waterglass. This CCF includes the fabrication and installation of the support frame for the monitors, supply and retu	UF6 Bay	ISA-15 URRS Wastewater Treatment System
9236	4/16/2009	"A three way valve installation is required on 1005C gamma monitor in the Scrap Cage to prevent nuclear material back flow into nitric acid and deionized water lines that feed this unit. This is a Criticality Safety Evaluation requirement and is part of	1005C gamma monitor three way valve installation	"The modification will install a three way valve on 1005C gamma monitor in the Scrap Cage to prevent nuclear material back flow into process lines."	Scrap Cage - On platform above Control Room	ISA-11 Scrap Uranium Processing

Westinghouse Non-Proprietary Class 3

CGF-Number	Approved	Justification	Title	Description	Location	ISA ID
9238	6/17/2009	CSE-15-C must be implemented by June '09.	Hot Water and Process Water Backflow Preventer Tank 1160A	"CSE-15-C requires a backflow preventer in the hot water feed to the inlet of pump 1160A. This backflow preventer protects the hot water supply system from backflow of contaminated fluid from tank 1160A."	Inlet of pump 1160A next to tank 1160A	ISA-15 URRS Wastewater Treatment System
9240	5/12/2009	Computer not in working order and needs to be repaired/replaced.	Safety Significant Computer in Bulk Blending	"The computer in bulk blending containing the ADU dumphood application hard drive, fan, and power supply crashed and needs to be rebuilt."	Bulk Blending	ISA-05 ADU Bulk Powder Blending
9241	4/28/2009	Many prox. switches in the field are obsolete, and newer models give better performance. Proximity switches are constantly being improved and older models are becoming obsolete. An example, in the Rod Soft Handling areas there are instances where the rods	Add Proximity Switch Substitution to procedure MCP-202174	"Add Proximity Switch Substitution criteria to procedure MCP-202174."	Rod Soft handling througout Plant	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9242	4/20/2009	A PLC is being added for the new Scrap Cage Washing Machine. Storage tank levels from the Dissolver PLC will be transferred to the new PLC over the network.	Connect Dissolver PLC to the PCN	"Connect the existing Dissolver PLC to the Process Control Network."	ADU Scrap Cage	ISA-11 Scrap Uranium Processing
9243	7/15/2009	The chute will reduce duplex valve and general calciner feed system plugging.	Line 1 Duplex Valve Transition Chute	"On Conversion Line 1, replace the transition chute between the bottom duplex valve and the calciner feed screw with a Transflow lined chute."	ADU Conversion Line 1 Duplex Valves	ISA-03 ADU Conversion
9244	7/15/2009	The chute will reduce duplex valve and general calciner feed system plugging.	Line 2 Duplex Valve Transition Chute	"On Conversion Line 2, replace the transition chute between the bottom duplex valve and the calciner feed screw with a Transflow lined chute."	ADU Conversion Line 2 Duplex Valves	ISA-03 ADU Conversion
9245	6/18/2009	The chute will reduce duplex valve and general calciner feed system plugging.	Line 3 Duplex Valve Transition Chute	"On Conversion Line 3, replace the transition chute between the bottom duplex valve and the calciner feed screw with a Transflow lined chute."	ADU Conversion Line 3 Duplex Valves	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF Number	Approved	Justification	Title	Description	Location	ISA ID
9246	7/15/2009	The chute will reduce duplex valve and general calciner feed system plugging.	Line 4 Duplex Valve Transition Chute	"On Conversion Line 4, replace the transition chute between the bottom duplex valve and the calciner feed screw with a Transflow lined chute."	ADU Conversion Line 4 Duplex Valves	ISA-03 ADU Conversion
9247	4/15/2009	The decanter will be operated at each pool depth to determine the best setting for centrate clarity.	Line 3 Decanter Weir Ring	"Install a new weir ring with three optional settings for decanter pool depth."	ADU Conversion Line 3 Decanter	ISA-03 ADU Conversion
9250	5/5/2009	Personnel have been known to step on these cables when they have to get into the handling area for cleaning or maintenance. This has caused downtime due to connections coming loose.	Steel covers on Oxide Coater 1 to protect wire cables from being stepped on when equipment is being cleaned or maintenance performed.	Create steel channels to cover the cables where they hang off of the plates that the equipment is mounted on. See attached picture.	Tube Prep - Oxide Coater 1	Clean Side Rod Area
9251	4/7/2009	The liquid in the cream can does not always mix consistently.	add propellers to mixing station	"The cream can mixing station next to V406 currently has one propeller on the shaft of the mixer. Two more propellers will be added further up the shaft to get better mixing throughout the liquid."	near V-406	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9252	4/2/2009	This will allow for the partial shutdown of the UT1 zone while maintaining production capability through UT2.	LOTO Modification - UT1 Water Heater Disconnect Commissioning & Misc. Rod Soft Handling Completion	"Complete modifications that were started under CCF 08-627 which were interrupted by the need to restart the plant. These modifications include making the UT water heater disconnect operational, adding zone pressure switches to the appropriate pneumatic	CFFF, Mechanical Area, UT1 Rod Soft Handling	ISA-10 ADU Rods
9253	4/2/2009	This will allow for the partial shutdown of the UT2 zone while maintaining production capability through UT1.	LOTO Modification - UT2 Water Heater Disconnect Commissioning & Misc. Rod Soft Handling Completion	"Complete modifications that were started under CCF 08-627 which were interrupted by the need to restart the plant. These modifications include making the UT2 water heater disconnect operational, adding zone pressure switches to the appropriate pneumatic	CFFF, Mechanical Area, UT2 Rod Soft Handling	ISA-10 ADU Rods
9255	3/24/2009	Prevent movement of piping.	2B Exit Stack Support	"Install bracket to support ADU Sintering 2B Furnace exit stack piping."	ADU Pelleting / 2B Furnace	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9257	4/7/2009	This will be prep work to the dryer sampler installation (ref. ccf 09-100).	ADU Line 5 Dryer Sampler Installation Prework	"Install the sampler adaptor at the Dryer outlet and blind off the adaptor. The sampler hood will be mounted but will not be used and it will be tagged out. Also, install ventilation ductwork for the sampler hood. The dampers will be closed and tagged o	ADU Line 5 Dryer	ISA-03 ADU Conversion
9258	4/15/2009	Sight glass is not needed and is not being used. It is also leaking and obsolete.	V-1094 Sight Glass	"Replace overflow sight glass located on piping connected to V-1076 with stainless steel pipe."	V-1094	ISA-07 Solvent Extraction
9259	3/24/2009	GE Fanuc released a safety bulletin stating that in very rare instances, an RX3i system might not drive the outputs to the expected state when the CPU has entered a "lights out" (all LEDs on the CPU are off) condition. When this occurs, the outputs remain	Sintering Furnace 1B GE RX3i PLC Firmware Update	"We will be updating Furnace 1B PLC (RX3i CPU IC695CPU310) firmware to firmware version 5.7."	Sintering Furnace 1B	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9260	3/24/2009	GE Fanuc released a safety bulletin stating that in very rare instances, an RX3i system might not drive the outputs to the expected state when the CPU has entered a "lights out" (all LEDs on the CPU are off) condition. When this occurs, the outputs remain	Sintering Furnace 2B GE RX3i PLC Firmware Update	"We will be updating Furnace 2B PLC (RX3i CPU IC695CPU310) firmware to firware version 5.7."	Sintering Furnance 2B	ISA-08 Pelleting
9261	3/24/2009	GE Fanuc released a safety bulletin stating that in very rare instances, an RX3i system might not drive the outputs to the expected state when the CPU has entered a "lights out" (all LEDs on the CPU are off) condition. When this occurs, the outputs remain	Sintering Furnace 4C GE RX3i PLC Firmware Update	"We will be updating Furnace 4C PLC (RX3i CPU IC695CPU310) firmware to firware version 5.7."	Sintering Furnance 4C	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9263	4/15/2009	This change has previously been made on line 1 and is being made on line 5 so that all the lines have common spare parts.	Line 5 Moisture Sampler Cup in Place Sensor	"The cup in place sensor, on line 5, which is currently a metallic barrel threaded capacitance proximity switch will be changed to a plastic barrel threaded capacitance proximity switch."	ADU Conversion Line 5 Auto Sampler	ISA-03 ADU Conversion
9264	4/9/2009	Material handling of UCON lubricated fuel assembly to specialized wash system.	Monorail Extension for UCON Project	"Extend Monorail at Spur 3 to location of UCON Wash System near Loader 4 in Final Assembly. This CCF includes structural supports and electrification extension at monorail track."	Rod Loading, at Spur 3 to Loader 4	ISA-17 Final Assembly
9265	4/6/2009	"Concrete construction covered under CCF 08389 will leave an area of partly cured concrete in Final Assembly. It is desirable to prevent damage to the concrete by protecting it with a thin stainless steel sheet for a minimum of seven days, after which t	Install Temporary Floor Plate in Final Assembly	"A thin stainless steel sheet will be installed on the floor of Final Assembly to protect concrete during early cure."	Final Assembly	ISA-17 Final Assembly

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9266	4/17/2009	Tanker truck disposal of spent UCON/water solution is required to comply with current DHEC permit requirements. This is a temporary arrangement. See CCF 08389 for additional informaion.	External piping for UCON Waste Disposal	"Installation of a below ground level pipe from a point of connection on the East wall of the Final Assembly area to the Tanker Truck parking location near Dock 1."	Along the East wall of Final Assembly, to the North wall near Dock 1	Grounds
9267	5/12/2009	"The current 3 ton unit is oversized for the amount of space in the room that needs to be conditioned. The 3 ton unit can be moved to the contractor building to provide comfort air. The 2-1/2 ton wall-mounted unit is the right fit for the Still Control	Still Control Room Comfort Air	"Replace 3 ton split-duct unit with a 2-1/2 ton mini split-ductless wall mounted unit."	Still Control Room	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9268	5/12/2009	The sight glasses are difficult to see	Replace tiger vac sight glass with a like kind	"Replace the tiger vac sight glasses at the oxide coaters See the attachment Replace part number 1188K15 with part number 1192K11. The new glass is shown in picture #5 and the old sight glass is in picture #1"	Oxide Coaters 1 and 2	Clean Side Rod Area
9269	5/3/2009	="This is a process requirement that has resulted from the Waterglass CSE. The return line allows pump 216B to return ADU waste to tank 216C in the event of high uranium concentration or low pH level. This CCF only covers the connection point to tank 21	Waterglass CSE - Return Connect From UF6 to Tank 216C	"The existing vent line from the 3 inch nozzle on top of q tank 216C to the vacuum break will be replaced with a new section of pipe. The new section of pipe will include an annular section just above the nozzle. The annular section will allow the use	Q tank 216C in Conversion	ISA-15 URRS Wastewater Treatment System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9270	4/16/2009	<p>The building known as the Tractor building does not have any manual pull stations, smoke or heat detectors.</p> <p>CAPs commitment #09-051-C006</p>	Fire Detection in Tractor Building	We will be adding 3 heat detectors and a manual pull station to the "Tractor Building" for fire detection.	Tractor Shed	Grounds
9272	5/12/2009	<p>The incinerator Hapman conveyer has been increasingly more difficult to operate to where it constantly pulls high power at this point when operating. The vendor recommends removing one or two washers per link to hopefully remedy this problem.</p> <p>Improving</p>	Remove washer(s) from Hapman conveyer chain	"Remove washer(s) from Hapman conveyer chain to improve operation"	Incinerator conveyer	ISA-13 Low Level Radioactive Waste Processing

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9274	5/11/2009	June '09 required CSE	Modifications to Scrubber S-9165 Ventilation System in Erbia per CSE-1-W	<p>This CCF includes the following modifications to the scrubber S-9165 ventilation system in Erbia.</p> <ul style="list-style-type: none"> - Remove the scrubber from the ventilation system by using new ductwork to bypass the scrubber. - Cap the inlet and outlet of the scrubber <p>Additionally, t</p>	Erbia Pellet area above and below the roof	ISA-01 Plant Ventilation System
9275	4/9/2009	The CSE is a June '09 required modification.	Implementation of CSE-3-J, Fitzmill Passive Drain Project	<p>This CCF includes revisions to the P&ID drawings necessary to implement the SSC changes required in CSE-3-J. The specific updated SSC's in the P&ID drawings are,</p> <p>ADUMPH-901 becomes ADUMPH-201(Sketch 815417-5) ADUCPH-102 is no longer an SSC (Sketch 815417</p>	Fitzmill area for all 5 conversion lines	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9276	4/9/2009	The current material handling system will not allow for the longer AP rod length without risk of mis-handling the rod.	AP Rod Length Mod - Gamma Scanner 4 - Mechanical	"Modify various mechanical components of Gamma Scanner 4's material handling system to allow for the longer AP rod length. These items were originally addressed under CCF 08-608 which has been delayed. The items completed under this CCF will be removed	CFFF, Gamma Scanner 4	ISA-10 ADU Rods
9277	9/16/2009	The current method of removing the rod out tools needs to be improved.	Rod Out Tool Lifting Device	"Develop and implement a lifting device to be installed on the calciner off gas automatic rod-out assembly."	Automatic Rod Out Tool	ISA-03 ADU Conversion
9278	4/1/2009	There is no good reason to have the plastic curtains in this area. Removing the curtains will enhance the area appearance.	IFBA/ERBIA Plastic Curtain Removal	"Remove plastic curtains that hang from the walk-through, that separates IFBA and Erbia area."	IFBA/ERBIA Walk-Through	ISA-20 ERBIA
9279	4/8/2009	The signs will detail required PPE.	Install PPE Signs	"Signs shall be installed on the railing above the Fitzmills on Lines 4 and 5 detailing the PPE requirements beyond the Fitzmill enclosures."	Lines 4 and 5 railing above Fitzmill	Miscellaneous

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9280	4/1/2009	Current prox sensors need to be very close to the tubes in order to detect the part. At times, the tube on this machine will impact the sensor causing the potential for an FME issue. An optical based sensor will allow for a greater stand-off.	Pin Stamping Sensor Replacement	Replace a "Part in Place" prox sensor with a retro-reflective sensor.	CFFF, Tube Prep, Pin Stamping	Clean Side Rod Area
9281	4/2/2009	A virus detected that needs a patch by midnight.	Security Patch for SS PC's	"Emergency CCF - Install a critical security patch on SS PC's on the shop floor."	Erbia and ADU Bulk Blending	ISA-08 Pelleting
9282	4/21/2009	"A seal weld is required on a threaded thermowell on the V-216A Q-Tank to stop process fluid from leaking to the diked area. Out of specification threaded pH loop piping on V216A, V216B, V216C requires replacement with welded piping/flanged connections	V216A TW & V216A/B/C pH loop piping changes	"The threaded thermowell on the V-216A Q-Tank will be removed, the connection cleaned, the thermowell reinstalled and the connection seal welded to stop process fluid from leaking. Out of specification threaded pH loop piping on V216A, V216B, V216C will	Q Tanks V216A, V216B, V216C	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9283	4/7/2009	Customer has requested a 7.5" blanket, which is currently a non-standard size.	Pellet Stacking Gage Modification	"Need to add an additional hole and notch to existing stacking gage."	Pellet Blanket Stacking Hood	ISA-08 Pelleting
9287	4/12/2009	="The existing fan configuration is running at a very high rpm causing harmonics, vibrations, heat, and electrical problems. This new pulley configuration has been sized by New York Blower to slow the fan rpm's to a reasonable level, thus solving many ma	Replace Pulleys on FN-4402A/B to slow Fans	"Pulleys and belts will be replaced on Fans FN-4402A and FN-4402B with a non-adjustable pulley configuration. This will slow the fans to a reasonable rate to alleviate harrnonics, vibrations, heat, and electrical problems seen on the new D&V Pellet inspe	FN-4402A/B	ISA-08 Pelleting

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9288	4/9/2009	1. MR10 Lexan(see attached file) is a mar-resistant grade that should keep the hood viewing port windows from being easily scored. The current material is easily scratched which obstructs the operator's view and requires frequent replacement. 2. Cable ke	Line 2 Oxidation Oven Modifications	1. Change drawing specifications to allow use of MR10 Lexan or equiv. for hood viewing port panels. 2. Add cable keepers to door lift cable sheaves.	ADU Pelleting \ Line 2 Oxidation Oven	ISA-08 Pelleting
9295	4/3/2009	Original cylinder is obsolete.	Replace obsolete cylinder on RAMCO Degreaser	"Replace obsolete pneumatic cylinder on RAMCO degreaser with factory recommended replacement."	Mechanical strap punching degreaser	Components
9302	4/30/2009	The 4-20mA vibration data from the existing transmitter is being masked by high frequency noise. This noise will be filtered out with the new transmitter thus providing useful 4-20ma vibration data.	Line 1 Fitzmill Vibration Transmitter	"Replace the vibration transmitter, installed under CCF08250, with a new DIN rail mount style transmitter."	Conversion ADU Line 1 Fitzmill	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9303	4/29/2009	Meet the requirements of CSE-016-A Table 2.1.	Install Bollards for Calciner Product Rack On CL4	Install bollards a minimum of 12" in front of the Calciner Product Rack on CL4.	Back end of CL4	ISA-16 Nclear Material Storage
9305	4/23/2009	The 2 Refrigerated Coolers being on one 20amp circuit is overloaded and have tripped the breaker.	ADU Change Room Coolers	"We will be providing dedicated circuits to the Refrigerated Coolers in ADU Men's Change Room. We will have to remove a Buffer Receptacle located in the hallway closet near Medical to make this possible. Doing so will give us 1 cooler on cir#32 and 1 c	ADU Mens Change Room	Miscellaneous

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9306	6/18/2009	<p>Changes identical to CCF 08147</p> <p>(Items 1-3)To reduce the possibility for water flow blockage through the sintering furnace cooling sections.</p> <p>Item 4 is no longer in use and needs removed from the drawing.</p> <p>Item 5 is to prevent the elements from shortin</p>	2A Sintering Furnace Improvements	<p>1) Add a Hayward Duplex strainer on the cooling water line just prior to the header supplying the furnace.</p> <p>2) Increase the copper line size from 1/4" to 3/8" diameter to reduce blockages. Change the 1/4" needle valves to 3/8" ball valves as well.</p> <p>3) S</p>	2A Sintering Furnace	ISA-08 Pelleting
9307	4/20/2009	These view ports will facilitate periodic inspection of roof mounted ventilation systems, which is required in the new ventilation CSE's.	Ventilation view ports on roof mounted systems	<p>Install inspection view ports in ventilation ducts on the following roof mounted systems:</p> <p>1)Erbia exhaust ventilation (FL-9405 A/B)</p> <p>2)Chem Lab 10 A ventilation</p> <p>3)Chem Lab Scrubber S-974 - FL-974</p> <p>4)Erbia Wet Ventilation S-9165, FL 9166 A/B</p> <p>5)Conversion Scr</p>	Chemical Roof Area	ISA-01 Plant Ventilation System

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9308	4/17/2009	<p>The existing hopper suffers from stress fractures, originating in the area of the vibrator mount. Numerous repairs have been attempted, however fractures reoccur.</p> <p>This new round reinforced mounting plate will evenly distribute the stress.</p>	Replacement Hopper for DC-924, Bulk Blending Vacuum Dust Collector	Design, fabricate and install a replacement hopper for Bulk Blending vacuum dust collector. This new hopper will geometrically pattern the existing hopper except the vibrator mount will be rotated 90 degrees about the center axis and will be reinforced on	Bulk Blending Vacuum System	ISA-01 Plant Ventilation System
9309	4/13/2009	<p>Recurring oil contamination in the wash / rinse tanks of the RAMCO System.</p> <p>These cylinders require no lubrication.</p>	RAMCO Aqueous Degreasing System Lubricators	"Remove the in line lubricators supplying the lid closing cylinders and the agitation cylinders on the RAMCO Degreasing System."	Strap Degreasing System	Components
9310	4/17/2009	The temporary shelves are needed to help prevent criticality spacing violations and to provide a means of organizing the inventory samples.	Temporary Sample Storage for 2009 Inventory	"Free-standing temporary shelf units will be assembled and placed in the Chem Lab main hallway to provide temporary storage for inventory samples. See attachment for shelf dimensions."	Chem Lab Hallway	ISA-18 Laboratories

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9312	5/12/2009	"The stainless steel channels will provide a place in the enclosure to store the plenum gages and vacuum wand necessary for rod loading. This will eliminate contact between the gages/vacuum wand (which are inserted into the rods during the loading opera	SST Channels in Rod Line 5 Loading Enclosure	Two open-ended stainless steel channels will be placed in the bottom of the Rod Line 5 rod loading enclosure. These channels measure approximately 1"H x 2"W x 30"L.	Rod Line 5 (Dry Room) Rod Loading	ISA-12 IFBA Fuel Rod Manufacturing
9313	4/16/2009	During disconnect and zone testing, a 3 amp breaker was found tripped, but was being back feed from another source preventing isolation when UT2 disconnect is off.	UT Soft Handling Low Voltage Breaker Replacement	"Replace breakers and relocate wire feeds as necessary to isolate 24VDC power feeds to Zone relays."	QC Rod Inspection / Soft Handling	ISA-10 ADU Rods

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9314	4/23/2009	"The guard that was on the cookie sheet conveyor consisted of plastic strips along the belt lifted by blocks at each screw hole to keep it off the belt and the plastic extended past the end of the belt reinforced by 2 steel plates to cover the sprockets	Guard for Cookie Sheet Conveyor at Rod Weigh	"Replace current belt and sprocket guards on cookie sheet conveyor with a more robust design. This includes thicker plastic pieces (same material) to guard the belt with a shallow step -high enough to bring it off the belt but low enough to keep fingers	Rod Weigh cookie sheet conveyor	ISA-10 ADU Rods
9315	8/20/2009	"The threaded Q Tanks thermowells need to be removed, reinstalled and seal welded to stop process leaks which are a safety hazard. Out of specification threaded pH loop piping needs to be replaced with welded/flanged piping to stop process leaks which are	Q Tanks thermowell, pH loop and drain changes	"The threaded thermowell on V116A, V116B, V116C will be removed, the connection cleaned, the thermowell reinstalled and the connection seal welded to stop process fluid from leaking. Out of specification threaded pH loop piping on V116A, V116B, V116C will	Q Tanks	ISA-03 ADU Conversion
9316	6/12/2009	It is not in use and will not be covered under the Critical safety evaluation.	Removal of Buehler grinder/polisher from Erbia Chem Lab	"As part of a CSE implementation for the Erbia Chem lab, the Buehler grinder polisher must be removed."	Erbia Chem lab	ISA-18 Laboratories

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CCF Number	Approved	Justification	Title	Description	Location	ISA ID
9317	5/5/2009	Regulatory requirement	ADU Pellet Line 1 Torit Level Probes	"ADU Pellet Line 1 Torit Level Probes will be moved to comply with new area CSE. The high level probe will be replaced."	ADU Pellet Line 1 Torit	ISA-01 Plant Ventilation System
9318	5/5/2009	Regulatory Requirement	ADU Pellet Line 2 Torit Level Probes	"ADU Pellet Line 2 Torit Level Probes will be moved to comply with new area CSE. The high level probe will be replaced."	ADU Pellet Line 2 Torit	ISA-01 Plant Ventilation System
9319	5/5/2009	Regulatory Requirement	ADU Pellet Line 3 Torit Level Probes	"ADU Pellet Line 3 Torit Level Probes will be moved to comply with new area CSE. The high level probe will be replaced."	ADU Pellet Line 3 Torit	ISA-01 Plant Ventilation System.
9320	5/5/2009	Regulatory Requirement	ADU Pellet Line 4 Torit Level Probes	"ADU Pellet Line 4 Torit Level Probes will be moved to comply with new area CSE. The high level probe will be replaced."	ADU Pellet Line 4 Torit	ISA-01 Plant Ventilation System
9322	4/30/2009	Regulatory Requirement	ADU Pellet Super Torit Level Probes	"The ADU pellet super Torit level probes will be moved to comply with new area CSE."	ADU Pellet Super Torit	ISA-01 Plant Ventilation System

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CCF-Number	Approved	Justification	Title	Description	Location	ISA-ID
9323	5/8/2009	When Maint. is performing a PM or troubleshooting, someone has to hold a flash light to provide light. The area underneath the mezz. is too dark.	Pellet Line 5 Ventilation Area Light	"We will be adding one 4' light fixture to the bottom side of the overhead mezz. to provide area lighting."	Pellet Line 5 Vent.	Miscellaneous
9324	5/5/2009	Regulatory Requirement	ADU Pellet Line 1 Torit pack enclosure	"A passive overflow hole will be added to the pack enclosure under the ADU pellet line 1 torit."	ADU Pellet Line 1 Torit	ISA-01 Plant Ventilation System
9325	5/5/2009	Regulatory Requirement	ADU Pellet Line 2 Torit pack enclosure	"A passive overflow hole will be added to the pack enclosure under the ADU pellet line 2 torit."	ADU Pellet Line 2 Torit	ISA-01 Plant Ventilation System
9326	5/5/2009	Regulatory Requirement	ADU Pellet Line 3 Torit pack enclosure	"A passive overflow hole will be added to the pack enclosure under the ADU pellet line 3 torit."	ADU Pellet Line 3 Torit	ISA-01 Plant Ventilation System
9327	5/5/2009	Regulatory Requirement	ADU Pellet Line 4 Torit pack enclosure	"A passive overflow hole will be added to the pack enclosure under the ADU pellet line 4 torit."	ADU Pellet Line 4 Torit	ISA-01 Plant Ventilation System

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9328	5/5/2009	Regulatory Requirement	ADU Pellet Line 5 Torit pack enclosure	"A passive overflow hole will be added to the pack enclosure under the ADU pellet line 5 torit."	ADU Pellet Line 5 Torit	ISA-01 Plant Ventilation System
9329	5/1/2009	Regulatory Requirement	ADU Pellet Line 6 Torit pack enclosure	"A passive overflow hole will be added to the pack enclosure under the ADU pellet line 6 torit."	ADU Pellet Line 6 Torit	ISA-01 Plant Ventilation System
9330	5/5/2009	Regulatory Requirement	ADU Pellet Line 1 Vacuum System	"The non-favorable geometry knock-out pot in the ADU pellet line 1 vacuum system will be replaced with a favorable geometry pot."	ADU Pellet Line 1 Vacuum System	ISA-01 Plant Ventilation System
9331	5/6/2009	Regulatory Requirement	ADU Pellet Line 2 Vacuum System	"The non-favorable geometry knock-out pot in the ADU pellet line 2 vacuum system will be replaced with a favorable geometry pot."	ADU Pellet Line 2 Vacuum System	ISA-01 Plant Ventilation System
9332	5/6/2009	Regulatory Requirement	ADU Pellet Line 3 Vacuum System	"The non-favorable geometry knock-out pot in the ADU pellet line 3 vacuum system will be replaced with a favorable geometry pot."	ADU Pellet Line 3 Vacuum System	ISA-01 Plant Ventilation System

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9333	5/6/2009	Regulatory Requirement	ADU Pellet Line 4 Vacuum System	"The non-favorable geometry knock-out pot in the ADU pellet line 4 vacuum system will be replaced with a favorable geometry pot."	ADU Pellet Line 4 Vacuum System	ISA-01 Plant Ventilation System
9334	5/6/2009	Regulatory Requirement	ADU Pellet Line 5 Vacuum System	"The non-favorable geometry knock-out pot in the ADU pellet line 5 vacuum system will be replaced with a favorable geometry pot."	ADU Pellet Line 5 Vacuum System	ISA-01 Plant Ventilation System
9335	5/7/2009	Regulatory Requirement	URRS Decon Room Torit 993A	"URRS Decon Room Torit 993A Level Probes will be moved to comply with new area CSE. The high level probe will be replaced."	URRS Decon Room Torit 993A	ISA-01 Plant Ventilation System
9337	5/6/2009	Regulatory Requirement	URRS decon room torit 993A pack enclosure	"A passive overflow hole will be added to the pack enclosure under the URRS decon room torit 993A pack enclosure."	URRS decon room torit 993A	ISA-01 Plant Ventilation System

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GCF Number	Approved	Justification	Title	Description	Location	ISA ID
9338	5/6/2009	Regulatory Requirement	URRS decon room torit 993B pack enclosure	"A passive overflow hole will be added to the pack enclosure under the URRS decon room torit 993B pack enclosure."	URRS decon room torit 993B	ISA-01 Plant Ventilation System
9339	5/7/2009	Regulatory Requirement	Incinerator/ABF Torit Level Probe	"Incinerator/ABF Torit Level Probes will be moved to comply with new area CSE. The high level probe will be replaced."	Incinerator/ABF Torit	ISA-01 Plant Ventilation System
9340	5/6/2009	Regulatory Requirement	Incinerator/ABF Torit pack enclosure	"A passive overflow hole will be added to the pack enclosure under the Incinerator/ABF torit."	Incinerator/ABF Torit	ISA-01 Plant Ventilation System
9341	5/6/2009	Regulatory Requirement	ADU Conversion decon room torit pack enclosure	"A passive overflow hole will be added to the pack enclosure under the ADU Conversion decon room torit."	ADU Conversion decon room torit	ISA-01 Plant Ventilation System
9342	5/6/2009	Regulatory Requirement	Solx Torit pack enclosure	"A passive overflow hole will be added to the pack enclosure under the Solx torit."	Solx Torit	ISA-01 Plant Ventilation System
9343	5/6/2009	Regulatory Requirement	ADU conversion line 1 Torit pack enclosure	"A passive overflow hole will be added to the pack enclosure under the ADU conversion line 1 torit."	ADU conversion line 1 Torit	ISA-01 Plant Ventilation System

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9344	5/6/2009	Regulatory Requirement	ADU conversion line 2 Torit pack enclosure	"A passive overflow hole will be added to the pack enclosure under the ADU conversion line 2 torit."	ADU conversion line 2 Torit	ISA-01 Plant Ventilation System
9345	5/6/2009	Regulatory Requirement	ADU conversion line 3 Torit pack enclosure	"A passive overflow hole will be added to the pack enclosure under the ADU conversion line 3 torit."	ADU conversion line 3 Torit	ISA-01 Plant Ventilation System
9346	5/6/2009	Regulatory Requirements	ADU conversion line 4 Torit pack enclosure	"A passive overflow hole will be added to the pack enclosure under the ADU conversion line 4 torit."	ADU conversion line 4 Torit	ISA-01 Plant Ventilation System
9347	4/17/2009	Station is no longer acceptable for this application. New design is being generated to replace the old one. This will increase work space at the granite D&V table #2 and provide a better inspection approach for visual inspection.	Removal of D&V rod dumping station	"The rod dumping station is to be removed."	Rod Inspection Area	ISA-10 ADU Rods
9348	5/6/2009	Regulatory Requirement	ADU conversion line 5 Torit pack enclosure	"A passive overflow hole will be added to the pack enclosure under the ADU conversion line 5 torit."	ADU conversion line 5 Torit	ISA-01 Plant Ventilation System

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9349	5/7/2009	Regulatory Requirement	ADU conversion line 5 Torit	"The exhaust from the ADU line 5 torit will be redirected."	ADU conversion line 5 Torit	ISA-01 Plant Ventilation System
9350	5/19/2009	This change has previously been made on line 1 and is being made on all lines for common spare parts.	Line 2 Moisture Sampler Cup in Place Sensor	"The cup in place sensor, on line 2, which is currently a metallic barrel threaded capacitance proximity switch will be changed to a plastic barrel threaded capacitance proximity switch."	ADU Conversion Line 2 Auto Sampler	ISA-03 ADU Conversion
9351	5/19/2009	This change has previously been made on line 1 and is being made on all lines for common spare parts.	Line 3 Moisture Sampler Cup in Place Sensor	"The cup in place sensor, on line 3, which is currently a metallic barrel threaded capacitance proximity switch will be changed to a plastic barrel threaded capacitance proximity switch."	ADU Conversion Line 3 Auto Sampler	ISA-03 ADU Conversion
9352	5/20/2009	This change has previously been made on line 1 and is being made on all lines for common spare parts.	Line 4 Moisture Sampler Cup in Place Sensor	"The cup in place sensor, on line 4, which is currently a metallic barrel threaded capacitance proximity switch will be changed to a plastic barrel threaded capacitance proximity switch."	ADU Conversion Line 4 Auto Sampler	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9353	5/6/2009	Regulatory requirement	Bulk blending room torit 923A pack enclosure	"A passive overflow hole will be added to the pack enclosure under the bulk blending room torit 923A."	Bulk blending room torit 923A	ISA-01 Plant Ventilation System
9354	5/6/2009	Regulatory Requirement	Bulk blending room torit 923B pack enclosure	"A passive overflow hole will be added to the pack enclosure under the bulk blending room torit 923B."	Bulk blending room torit 923B	ISA-01 Plant Ventilation System
9355	5/6/2009	Regulatory Requirement	Erbia Central Vacuum Torit pack enclosure	"A passive overflow hole will be added to the pack enclosure under the Erbia Central Vacuum torit."	Erbia Central Vacuum Torit	ISA-01 Plant Ventilation System
9356	5/6/2009	Regulatory Requirement	Erbia Dust Collector 9401A pack enclosure	"A passive overflow hole will be added to the pack enclosure under the Erbia Dust Collector 9401A."	Erbia Dust Collector 9401A	ISA-01 Plant Ventilation System
9357	5/6/2009	Regulatory Requirement	Erbia Dust Collector 9401B pack enclosure	"A passive overflow hole will be added to the pack enclosure under the Erbia Dust Collector 9401B."	Erbia Dust Collector 9401B	ISA-01 Plant Ventilation System

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9358	4/28/2009	The working area around these furnaces is not very bright. Increasing the lighting will add to safety, help with quality control and save energy.	Replace Light fixtures in Pelleting	"Remove the old high bay light fixtures around Furnace Lines 2 and 3 and replace them with brighter and more energy effecient flourescent fixtures."	Pellet line furnaces 2 and 3	Miscellaneous
9359	4/30/2009	"Currently the unit is wired for 220vac. Our plant standard for non fractional HP motors is 480V. Some of the receptacles in the PE Lab are 220vac to run this unit. These 220v recepacles will be eliminated. Current 480v receptacles will have new plug	Rewire Hydraulic Unit from 220vac to 480vac	Rewire the Hydraulic "shaker" Unit from 220vac to 480vac.	Portable hydraulic unit in PE Lab, and 3phase receptacles in the lab.	Miscellaneous
9360	6/1/2009	This will eliminate the risk of plant waste solution being processed through ammonia distillation without going through waterglass for uranium removal.	Disconnect T-1140 from the Waterglass Feed System	"This CCF will permanently disconnect T-1140 from the waterglass feed system and plant waste feed. This will also discontinue the capability of processing T-1140 through Waterglass Process."	URRS Outside / Waterglass Process	ISA-15 URRS Wastewater Treatment System

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9361	5/27/2009	Moly Decon is no longer in service.	Disconnect Moly Decon from Waterglass Feed System	"This CCF will permanently disconnect Moly Decon in LLRW from the waterglass feed system."	URRS Outside / LLRW	ISA-15 URRS Wastewater Treatment System
9362	6/26/2009	CSE implementation required by June '09.	Modifications required in IFBA by CSE-1-AE	Install a vacuum break in the vent line from the acid airbreak tank, T-7153, to the IFBA acid scrubber. Remove the existing 8 inch galvanized exhaust duct and transition connected to the Blue M oven hood. The other end of the existing exhaust duct is cov	IFBA area around the process scrubber and on the adjacent platform	ISA-01 Plant Ventilation System
9363	9/4/2009	To improve lighting conditions in the Rod Inspection D&V area to assure lighting conditions allow inspector to adequately detect discontinuities.	New Lighting for D&V Rod Inspection Area	"To purchase and replace existing lights in the D&V Rod Inspection Area (Above two surface plates. The area will have eight lights above each table."	D&V Rod Inspection Area	ISA-10 ADU Rods
9364	5/12/2009	The galvanized duct is corroded and numerous joints have seperated.	Replacement of Exhaust Stack Duct on SF1-A	"Replace the existing galvanized spiral duct on SF 1A Furnace using 18 gage 304 stainless steel."	ADU Pelleting Sintering Furnace 1 A	ISA-01 Plant Ventilation System

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GCF Number	Approved	Justification	Title	Description	Location	ISA ID
9365	5/12/2009	The new pendant will limit movements to be up and down or horizontal, not both.	Monorail Crane Pendant replacement	"Replace the crane pendants on the monorail cranes in Final Assembly"	Final Assembly Monorail Cranes	ISA-17 Final Assembly
9366	5/12/2009	Maintenance needs to be performed on cranes according to usage, not on a time schedule.	Install Run Hour Meters on Cranes	"Install run hour meters on monorail cranes"	Final Assembly monorail cranes	Miscellaneous
9367	5/12/2009	Early results from the Decanter ppm U study indicate that the cause of the increased ppm U in the conversion wastewater stream going to Waterglass is the new Centiquip FG decanter which is being installed on all 5 conversion lines. In order to reduce the	Evaluation of Improved V-x12 Tank Filters	Presently, the Knight High Efficiency micro-fiber bag filter (model # KHE523P2PL) rated at 96 % efficiency at 1 micron is being used as the V-x12 tank filter. In order to obtain an improved filter for this application, the following 4 "test" filter bags ar	Conversion Line V-x12 Tank Filter Housings	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9368	5/7/2009	"Currently the rails that the rods roll down from the plugging station to the walking beam of the line (line 1) are either UHMW, Teflon, or another form of plastic. The material eventually deforms, cracks, or otherwise becomes damaged exposing the rods	Rod line 1 rail replacement	"Replace existing UHMW/Teflon rails with stainless steel rails."	Rod line 1 rails	ISA-10 ADU Rods
9369	4/24/2009	"To prevent the generation of a tremendous amount of paper waste. The sealable location will allow polypak carts to be sealed for inventory without having to wrap them in paper. The sealable location will be much easier to control than having the carriage	Sealable Location for Annual Inventory	"Create a TEMPORARY sealable location large enough to contain Inventory materials. This sealable location will be defined by physical barriers on all sides and will have locks and seals as required by procedures. The drawing will be changed to show plac	Unblended storage area	Miscellaneous
9372	6/9/2009	The lockers can store any material the operators need in the area and there will be an area toolbox.	Machine Shop Locker Addition	"Replace the individual tool boxes with lockers."	Machine Shop	Miscellaneous

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9373	6/9/2009	New boxes are being used for the top nozzle leaf springs. These boxes are bigger than before. The deeper shelving will allow for more storage.	Machine Shop Shelving Replacement	Replace 24" deep shelving with 36" deep shelving in the Spring Market.	Machine Shop Spring Market	Miscellaneous
9374	5/12/2009	The current hoist used is large and difficult to use on all of the grinder lines. The new setup will be easier to maneuver through the aisles while also allowing for an easier installation/removal of diamond wheels.	Pellet Diamond Wheel Cart	"Design and fabricate a mobile tool to install and remove diamond wheels from the pellet grinder lines and dressing station spindles."	Pellet Grinder Lines	ISA-08 Pelleting
9375	5/6/2009	Regulatory Requirement	Bulk Blending Room Torit 924 Pack Enclosure	"A passive overflow hole will be added to the pack enclosure under the bulk blending room torit 924."	bulk blending room torit 924	ISA-01 Plant Ventilation System
9376	9/28/2009	A new short circuit and coordination study is being conducted to provide better breaker coordination.	Revise Substation Breaker Settings	"Update substation breaker settings based on coordination study data."	All substations	Grounds

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9377	6/8/2009	CSE-1-AK must be implemented by June '09.	Exhaust Stack Modification to Filter Houses 1B	The exhaust stack for filter house 1B is oriented vertically. CSE-1-AK requires the stack to be oriented to inhibit the introduction of rain water. The vertical stack will be changed to a horizontal discharge with a 45 degree bias. The horizontal secti	Exhaust stacks for Filter Houses 1A/1B on the roof	ISA-01 Plant Ventilation System
9378	5/13/2009	Currently the rod "hits" too hard at the barcode reader and at the Pin Stamp station.	Change motors on Pin Stamper	"Change the motors on the Pin Stamper to slow the rod speed down."	Pin Stamper in Tube Prep	Clean Side Rod Area
9379	5/15/2009	UCON has been shown to be useful in the reduction of fuel rod damage during assembly.	Introduce UCON into CFFF for use in Final Assembly	"This CCF is written to permit the receiving, storage and use of UCON synthetic polyalkylene glycol lubricant at the CFFF. Final Assembly operations involving UCON are controlled by CSE-17-D. This CCF is supported by CCF's 08389, 09051, 09052, 0911	Loader 4	ISA-17 Final Assembly

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9380	5/12/2009	To provide on-line capability to calibrate the Differential Pressure Indicators associated with the Erbia Exhaust Ventilation (DRY) HEPA filter housing.	Install 3-way valves at Erbia Exhaust Ventilation (Dry) Hepa Filter Housing	The existing DPI (Differential Pressure Indicators), located at the Erbia Exhaust Ventilation (Dry) HEPA filter housing #FL-9405A/B, can not be calibrated currently with the system on line. This unit has two photohelic gages, one on filter bank A and one o	Erbia Exhaust Dry HEPA filter #FL-9405A/B	ISA-01 Plant Ventilation System
9382	5/12/2009	To prevent condensation from forming on the underside of the metal roof.	Insulate Underside of Metal Roof Over Mechanical Rod Line, Skeleton Area, & Thermal Stability	Install heavy duty polypropylene covered fiber glass insulation (4" thick R-13) on the underside of metal roofing over the Skeleton Area, Mechanical Rod Line & Thermal Stability Area.	Plant Roof/ Mechanical & Chemical Area	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9383	5/19/2009	Minimize the chance of backflow of SNM into DI water stream	1" Manual Ball valve relocation on inlet side of D-307	Move existing 1" manual ball valve from downstream side of the DI water line on D-307 feed line to the upstream side of the DI water line. A check valve will also be added on the DI water line to prevent backflow.	D-307	ISA-03 ADU Conversion
9384	5/19/2009	Minimize the chance of backflow of SNM into DI water stream	1" Manual Ball valve relocation on inlet side of D-507	Move existing 1" manual ball valve from downstream side of the DI water line on D-507 feed line to the upstream side of the DI water line.	D-507	ISA-03 ADU Conversion
9385	7/9/2009	Reposition overhead hoist for install/removal/service of D-107	ADU Line #1 Hoist Modification for D-107	"Modify/Relocate/Install new Monorail and Hoist configuration used for D-107 Maintenance/Service. Old hoist to be updated to ensure center of gravity of New D-107 is directly under hoist."	D-107 Platform	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9386	5/11/2009	To provide an on-line capability to calibrate the Differential Pressure Indicators associated with the Erbia Wet Ventilation HEPA filter housing.	Install 3-way valves at Erbia Wet Ventilation Hepa Filter Housing	<p>The existing DPI (Differential Pressure Indicators), located at the Erbia Wet Ventilation HEPA filter housing #FL-9166A/B, can not be calibrated currently with the system on line.</p> <p>This unit has two photohelic gages, one on filter bank A and one on filter</p>	Erbia Wet Ventilation HEPA filter Housing #FL-9166A/B	ISA-01 Plant Ventilation System
9387	7/9/2009	Reposition overhead hoist for install/removal/service of D-207	ADU Line #2 Hoist Modification for D-207	"Modify/Relocate/Install new Monorail and Hoist configuration used for D-207 Maintenance/Service. Old hoist to be updated to ensure center of gravity of New D-207 is directly under hoist."	D-207 Platform	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9388	7/9/2009	Reposition overhead hoist for install/removal/service of D-307	ADU Line #3 Hoist Modification for D-307	"Modify/Relocate/Install new Monorail and Hoist configuration used for D-307 Maintenance/Service. Old hoist to be updated to ensure center of gravity of New D-307 is directly under hoist."	D-307 Platform	ISA-03 ADU Conversion
9389	7/9/2009	Reposition overhead hoist for install/removal/service of D-407	ADU Line #4 Hoist Modification for D-407	"Modify/Relocate/Install new Monorail and Hoist configuration used for D-407 Maintenance/Service. Old hoist to be updated to ensure center of gravity of New D-407 is directly under hoist."	D-407 Platform	ISA-03 ADU Conversion
9390	7/9/2009	Reposition overhead hoist for install/removal/service of D-507	ADU Line #5 Hoist Modification for D-507	"Modify/Relocate/Install new Monorail and Hoist configuration used for D-507 Maintenance/Service. Old hoist to be updated to ensure center of gravity of New D-507 is directly under hoist."	D-507 Platform	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9391	5/1/2009	Safety improvement and continuity of operations	Replace three piece valve - like kind	This CCF is to document the following: 1) Allow replacement of three piece valves (obsolete or otherwise) with flanged valves of same size, similar or better materials of construction, pressure ratings and sealing elastomers. 2) Allow replacement of thr	URRS operations	Miscellaneous
9393	5/1/2009	Safety - carbon steel flanges were attacked by acids.	Replacement of carbon steel conventional flanges	"This CCF will replace the carbon steel conventional flanges with stainless steel split flanges."	URRS Ouside Pipe Rack	Grounds
9394	5/8/2009	These upgrades will make the original prototype unit in Erbia the same as LN6. These changes are needed due to significant operators issues with the current system.	Erbia Grinder Tray Elevator Upgrades	1. Install a servo drive motor and associated I/O on the Erbia grinder Tray Elevator. 2. Install a welded front door with a spring to hold in trays.	Erbia Grinder Tray Elevator	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9395	5/26/2009	The equipment is not covered in the CSE awaiting implementation; therefore removal of this equipment is required to implement CSE.	CSE 13C: Remove equipment not in CSE - ultrasonic cleaning	"Remove out of service equipment from ultrasonic cleaning system."	Ultrasonic cleaner in URRS bay	ISA-13 Low Level Radioactive Waste Processing
9396	6/29/2009	Installation of a positive break in the ventilation system to 2A/2B scrubber is required to implement CSE.	CSE 1G: Provide passive overflow for cylinder wash system	Remove valve in ventilation hose to provide passive overflow for cylinder wash system. Also cover ventilation hose/adapter with coarse ~1" screen.	Cylinder wash	ISA-11 Scrap Uranium Processing
9397	10/13/2009	The equipment is not covered in the CSE awaiting implementation; therefore removal of this equipment is required to implement CSE.	CSE 9B: Remove equipment not in CSE - cylinder wash	"Remove out of service equipment from cylinder wash system."	Cylinder wash	ISA-09 UF6 Cylinder Wash

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9398	10/13/2009	<p>Maintain operator safety - need knockout pot since other modifications required to implement other CSE's increase likelihood of material spitting out of ventilation hose.</p> <p>Existing B-09 vessel is too large - need smaller B-09 vessel as detailed in the CSE</p>	CSE 9B: Construction modifications to implement CSE - cylinder wash	<p>Rework vent line to use B-03 as knockout pot so that liquid does not spit out of ventilation hose.</p> <p>Resize B-09 vessel so that its maximum capacity is 5.5 gallons.</p> <p>Fabricate clear locking scale cover for chief/team manager oversight of scale taring opera</p>	Cylinder wash	ISA-09 UF6 Cylinder Wash
9399	6/17/2009	<p>New setpoints and audible alarm are required as detailed in the CSE awaiting implementation.</p> <p>These changes are required to implement CSE</p>	CSE 13E: Add high high weight alarm to dry trash scales to implement CSE	<p>Reset existing full limit (light turns on) to 34 lbs.</p> <p>Reset existing high weight limit (alarm annunciates) to 40 lbs</p> <p>Add new high high weight alarm (different sound than existing alarm) to dry trash scales - set at 45 lbs. Alarm cannot be reset - e.g.</p>	Dry trash scales in URRS Bay	ISA-13 Low Level Radioactive Waste Processing

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9400	6/17/2009	New setpoints and audible alarms are required as detailed in the CSE awaiting implementation. These changes are required to implement CSE	CSE 13E: Add high high weight alarm to wet trash scales to implement CSE	Ensure existing full limit (light turns on) is 125 lbs. Ensure existing high weight limit (alarm annunciates) is 175 lbs Add new high high weight alarms (different sound than existing alarm) to wet trash scales - set at 200 lbs. Alarm cannot be reset	Wet trash scales in URRS Bay	ISA-13 Low Level Radioactive Waste Processing
9401	5/19/2009	To provide an on-line capability to calibrate the Differential Pressure Indicators associated with the IFBA Scrubber HEPA filter housing	Install 3-way valves at IFBA Scrubber Hepa Filter Housing	"The existing DPI (Differential Pressure Indicators), located at the IFBA Scrubber HEPA filter housing, can not be calibrated currently with the system on line. Install (two) 3-Way valves, one on the high side of the DPI, and one on the low side of the D	IFBA Scrubber HEPA filter #FN-7100	ISA-01 Plant Ventilation System

Westinghouse Non-Proprietary Class 3

CCF Number	Approved	Justification	Title	Description	Location	ISA ID
9402	5/18/2009	To provide an on-line capability to calibrate the Differential Pressure Indicators associated with the IFBA Rod Line Ventilation HEPA filter housing.	Install 3-way valves at IFBA Rod Assembly Ventilation Hepa Filter Housing	"The existing DPI (Differential Pressure Indicators), located at the IFBA Rod Assembly Ventilation HEPA filter housing, can not be calibrated currently with the system on line. Install (two) 3-Way valves, one on the high side of the DPI, and one on the l	IFBA Rod Line Ventilation HEPA Filter Housing #FN-9407	ISA-01 Plant Ventilation System
9403	5/18/2009	To provide an on-line capability to calibrate the Differential Pressure Indicators associated with the Erbia Central Vacuum DC-9403 Torit HEPA filter housing.	Install 3-way valves at Erbia Central Vacuum DC-9403 Torit HEPA Filter Housing	"The existing DPI (Differential Pressure Indicators), located at the Erbia Central Vacuum DC-9403 Torit HEPA filter housing, can not be calibrated currently with the system on line. Install (two) 3-Way valves, one on the high side of the DPI, and one on	Erbia Central Vacuum DC-9403 Torit HEPA filter housing #FL-9406	ISA-01 Plant Ventilation System

Westinghouse Non-Proprietary Class 3

CGF-Number	Approved	Justification	Title	Description	Location	ISA ID
9404	5/12/2009	Ports are required to inspect all horizontal runs of >10" diameter duct work. CSE requirements.	Add boroscope ports to IFBA line 5 ventilation system	"Install three boroscope inspection ports on the IFBA line 5 ventilation system. Locate two ports above the dry room so that the entire length of horizontal duct and the 90 degree bend and horizontal duct can be inspected. Locate the third port in the	Located above the dry room and in the mechanical room	ISA-01 Plant Ventilation System
9405	5/13/2009	To provide an on-line capability to calibrate the Differential Pressure Indicators associated with the Erbia DC-9401 Toret HEPA filter housing.	Install 3-way valves at Erbia DC-9401 Torit Hepa Filter Housing	"The existing DPI (Differential Pressure Indicators), located at the Erbia DC-9401 Torit HEPA filter housing, can not be calibrated currently with the system on line. Install (two) 3-Way valves, one on the high side of the DPI, and one on the low side of	Erbia DC-9401 Toret HEPA filter housing #FL-9402	ISA-01 Plant Ventilation System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9406	5/13/2009	To provide an on-line capability to calibrate the Differential Pressure Indicators associated with the Erbia Erbia Pellet Conveyor Ventilation HEPA filter housing.	Install 3-way valves at Erbia Pellet Conveyor Ventilation Hepa Filter Housing	"The existing DPI (Differential Pressure Indicators), located at the Erbia Pellet Conveyor Ventilation HEPA filter housing, can not be calibrated currently with the system on line. Install (two) 3-Way valves, one on the high side of the DPI, and one on t	Erbia Erbia Pellet Conveyor Ventilation HEPA filter housing #FN-9425	ISA-01 Plant Ventilation System
9407	5/12/2009	New inspection requirements for ducts. CSE implementation.	Boroscope inspection ports for the IFBA scrubber filter house	"Add boroscope inspection ports to the ventilation system for IFBA scrubber filter house (9 total)."	IFBA scrubber ventilation system	ISA-01 Plant Ventilation System
9408	5/19/2009	To provide an on-line capability to calibrate the Differential Pressure Indicators associated with the Erbia Enclosure Ventilation HEPA filter housing.	Install 3-way valves at Erbia Enclosure Ventilation Hepa Filter Housing	"The existing DPI (Differential Pressure Indicators), located at the Erbia Enclosure Ventilation HEPA filter housing, can not be calibrated currently with the system on line. Install (two) 3-Way valves, one on the high side of the DPI, and one on the low	Erbia Enclosure Ventilation HEPA filter housing #FN-9404	ISA-01 Plant Ventilation System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9409	5/19/2009	To provide an on-line capability to calibrate the Differential Pressure Indicators associated with the Chem Lab 10A Ventilation HEPA filter housing.	Install 3-way valves at Chem Lab 10A Ventilation Hepa Filter Housing	"The existing DPI (Differential Pressure Indicators), located at the Chem Lab 10A Ventilation HEPA filter housing, can not be calibrated currently with the system on line. Install (two) 3-Way valves, one on the high side of the DPI, and one on the low si	Chem Lab 10A Ventilation HEPA filter housing #FL-10A	ISA-01 Plant Ventilation System
9410	5/19/2009	To provide an on-line capability to calibrate the Differential Pressure Indicators associated with the Chem Lab scrubber filter house HEPA filter housing.	Install 3-way valves at Chem Lab Scrubber Filter House Hepa Filter Housing	"The existing DPI (Differential Pressure Indicators), located at the Chem Lab scrubber filter house HEPA filter housing, can not be calibrated currently with the system on line. Install (two) 3-Way valves, one on the high side of the DPI, and one on the	Chem Lab scrubber filter house HEPA filter housing #FL-973	ISA-01 Plant Ventilation System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9411	6/11/2009	To provide an on-line capability to calibrate the Differential Pressure Indicators associated with the UF6 Bay dock 4 HEPA filter housing.	Install 3-way valves at UF6 Bay Dock 4 Hepa Filter Housing	"The existing DPI (Differential Pressure Indicators), located at the UF6 Bay dock 4 HEPA filter housing, can not be calibrated currently with the system on line. Install (two) 3-Way valves, one on the high side of the DPI, and one on the low side of the	URRS UF6 Bay dock 4 HEPA filter housing	ISA-01 Plant Ventilation System
9413	5/21/2009	Modification of the hose/lid assembly is required to implement CSE.	CSE 1N: Modify Torit 993-A to accept medium polypak	"Modify torit 993-A polypak hose/lid assembly to accommodate medium polypak. Large polypak is in use today."	Decon room torit	ISA-01 Plant Ventilation System
9414	5/20/2009	Modification of the hose/lid assembly is required to implement CSE.	CSE 1R: Modify incinerator Torit to accept medium polypak	"Modify incinerator torit polypak hose/lid assembly to accommodate medium polypak. Large polypak is in use today."	Incinerator torit	ISA-01 Plant Ventilation System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9415	6/10/2009	The new revision of CSE-14-C will require that carts only have one shelf to store/transport items.	New cart for IFBA scrap area (FA3)	Replace 2 existing carts with two new carts as seen in the attached photo in the FA3 scrap area. Add a steel plate to these cart for all rit safety postings as necessary. The dimensions of the table top on the cart are 48"x24". The cart top is 27.25" f	Mobile in the FA3 scrap area within IFBA.	ISA-14 IFBA Processing
9416	5/18/2009	<p>The equipment slated for removal is not covered in the CSE awaiting implementation; therefore removal of this equipment is required to implement CSE.</p> <p>The access door and any additional duct inspection ports possibly needed are also required for CSE imple</p>	CSE 1A1: Remove equipment not in CSE - URRS UF6 bay ventilation	<p>Remove out of service equipment from URRS UF6 bay ventilation system.</p> <p>Specifically remove</p> <ol style="list-style-type: none"> 1) Hood 2) Vacuum system and associated ductwork 3) Deadend ductwork <p>Specifically add</p> <ol style="list-style-type: none"> 1) Access door at end of horizontal duct run (where deadend duct was remove 	URRS UF6 Bay	ISA-01 Plant Ventilation System

Westinghouse Non-Proprietary Class 3

CCF Number	Approved	Justification	Title	Description	Location	ISA ID
9417	5/19/2009	Requirement of CSE-1-T	DC-9401 Duct View Ports	"Add View Port/Access Doors to the DC-9401 Dust Collector system in Erbia"	1st and 2nd Floor Powder Prep Ventilation in Erbia as well as Oxidation Hood Ventilation	ISA-01 Plant Ventilation System
9418	5/27/2009	T-1170 is part of the Warm Caustic process; it's not analyzed in the Waterglass CSE (15-C), and therefore needs to be disconnected from the Waterglass system prior to the new CSE implementation.	Disconnect Recycled Waterglass Line from T-1170 at P-1163	"This CCF will disconnect and blind off the T-1170 connection at the discharge of P-1163."	URRS Outside Waterglass Process	ISA-15 URRS Wastewater Treatment System
9419	5/26/2009	The equipment is not covered in the CSE awaiting implementation; therefore removal of this equipment is required to implement CSE.	CSE 13C: Remove equipment not in CSE - parts washer	"Remove out of service equipment from parts washer and associated ventilation system."	URRS UF6 Bay - parts washer	ISA-13 Low Level Radioactive Waste Processing

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9420	6/1/2009	Requirement of CSE-1-K states that the exhaust of the dust collector fan must be horizontal or pointed downward to prevent water intrusion to dust collector and filter house.	Line 1 Dust Collector Fan Exhaust Re-Orientation	"Unbolt and rotate downward (or horizontal) the exhaust of the pellet line front end dust collector fan."	Line 1 Front End	ISA-01 Plant Ventilation System
9421	6/1/2009	Requirement of CSE-1-K states that the exhaust of the dust collector fan must be horizontal or pointed downward to prevent water intrusion to dust collector and filter house.	Line 2 Dust Collector Fan Exhaust Re-Orientation	"Unbolt and rotate downward (or horizontal) the exhaust of the pellet line front end dust collector fan."	Line 2 Front End	ISA-01 Plant Ventilation System
9422	6/1/2009	Requirement of CSE-1-K states that the exhaust of the dust collector fan must be horizontal or pointed downward to prevent water intrusion to dust collector and filter house.	Line 3 Dust Collector Fan Exhaust Re-Orientation	"Unbolt and rotate downward (or horizontal) the exhaust of the pellet line front end dust collector fan."	Line 3 Front End	ISA-01 Plant Ventilation System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9423	6/1/2009	Requirement of CSE-1-K states that the exhaust of the dust collector fan must be horizontal or pointed downward to prevent water intrusion to dust collector and filter house.	Line 4 Dust Collector Fan Exhaust Re-Orientation	"Unbolt and rotate downward (or horizontal) the exhaust of the pellet line front end dust collector fan."	Line 4 Front End	ISA-01 Plant Ventilation System
9425	5/21/2009	Requirement of CSE-1-K.	Line 1 View Port Installation	Install 2 4" view ports in ventilation ductwork for the dust collector system.	Line 1 Front End	ISA-01 Plant Ventilation System
9426	5/21/2009	Requirement of CSE-1-K.	Line 2 Dust Collector View Port Installation	Install 2 4" view ports in ventilation ductwork for the dust collector system.	Line 2 Front End	ISA-01 Plant Ventilation System
9427	5/21/2009	Requirement of CSE-1-K.	Line 3 Dust Collector View Port Installation	Install 2 4" view ports in ventilation ductwork for the dust collector system.	Line 1 Front End	ISA-01 Plant Ventilation System
9428	5/21/2009	Requirement of CSE-1-K.	Line 4 Dust Collector View Port Installation	Install 2 4" view ports in ventilation ductwork for the dust collector system.	Line 4 Front End	ISA-01 Plant Ventilation System
9429	5/22/2009	Requirement of CSE-1-K.	Line 5 Dust Collector View Port Installation	Install 4" view ports in ventilation ductwork for the dust collector system.	Line 1 Front End	ISA-01 Plant Ventilation System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9430	5/22/2009	Requirement of CSE-1-K.	Pelleting Super Torit Duct Work View Ports	Install 4" view ports in ventilation ductwork for the dust collector system.	Pellet Pilot Line	ISA-01 Plant Ventilation System
9431	6/5/2009	Requirement of CSE-20-D	Erbia Maintenance Hood Holes	"Add drain holes to maintenance hood"	1st Floor Erbia	ISA-20 ERBIA
9432	5/15/2009	Requirement of CSE-20-D.	Erbia Freight Elevator Sump	Fill in the non-favorable 1 cubic foot sump in the bottom of the Erbia freight elevator pit to make it a favorable geometry. There is a level probe in the sump that will be shielded with a 8" or less concrete tube former as the concrete is poured around t	Erbia Freight Elevator (Powder Blending)	ISA-20 ERBIA
9434	5/11/2009	This work is required to support the T-19 epoxy coating work covered under CCF 09075.	Concrete Pad Thickness Testing at T-19	Drill one or more 1/4" diameter holes through the concrete pad beside the T-19 ammonium hydroxide tank to confirm thickness. Upon measuring depth, immediately fill all holes with epoxy grout to seal.	T-19 Ammonium Hydroxide Tank	ISA-06 Chemicals Receipt, Handling and Storage

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9435	5/21/2009	Required to support the T-19 coating work covered under CCF 09075.	Replace Existing T-19 Anchor Bolts	Replace the existing T-19 anchor bolts with new 1" diameter bolts epoxy grouted into existing concrete pad. This requires either core drilling the existing locations or establishing new anchor points circumferentially offset from the existing points. In e	T-19 Ammonium Hydroxide Tank	ISA-06 Chemicals Receipt, Handling and Storage
9437	7/29/2009	The lubrication system will automatically provide periodic lubrication to the decanter main bearings. The vibrator controls are being changed for system conformity with the other conversion lines and for simplicity/consolidation.	Line 3 Decanter System Lubricator and Vibrator	"Install an automatic lubrication system and modify the existing automatic vibrator system so that both systems are controlled by the decanter PLC."	ADU Conversion Line 3 Decanter/V-319	ISA-03 ADU Conversion
9438	5/21/2009	Requirement of CSE-1-AC.	View Port Installation in Erbia Exhaust Ventilation	"Install view ports in the Erbia Exhaust Ventilation. This will require the installers to use either a man lift or scaffolding."	Above Erbia Sintering Furnaces.	ISA-01 Plant Ventilation System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9439	5/20/2009	Requirement of CSE-1-Z	View Ports for Erbia Enclosure Ventilation	"Install view ports in the Erbia Enclosure Ventilation. Scaffolding or ladders will have to be used to install."	Erbia Second Floor	ISA-01 Plant Ventilation System
9440	5/18/2009	Requirement of CSE-1-X	Erbia Press Conveyor and Boat Loader Ventilation	"Install view ports in ductwork for the FL-9407 system."	2nd Floor Behind Erbia Sifting Hood	ISA-01 Plant Ventilation System
9441	5/21/2009	Requirement of CSE-1-W	Install View Ports in Erbia FL-9166 Ventilation System	"Install view ports in Erbia FL-9166 Ventilation System"	Above Erbia Sintering Furnaces	ISA-01 Plant Ventilation System
9442	5/19/2009	"The new moly sheathed thermocouples for 1A furnace, installed under CCF # 09062 are susceptible to oxidation at temperatures between 400 and 700 degrees C. These thermocouples cost \$2400 each. The temporary inconel sheathed thermocouples are compatible	Temporarily install thermocouples Furnace 1A	Three thermocouples with inconel sheaths will be installed in sintering furnace 1A for startup. They will be removed and replaced with moly sheathed thermocouples when the furnace temperature exceeds 800 degrees C. SSC's will be tested after temporary th	Furnace 1A	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9443	5/27/2009	"During maintenance operations, Electricians have to kneel down to disconnect wiring to the motor when it has to be removed. By installing 70E rated quick connects, we will be adding a layer of protection as well as removing another potential for acid b	HF Acid Pump Motor 70E Quick Connectors	"We will be installing on Pump Motors P-1173 and P-1174 70E rated quick connects. The quick connects will be located at the motor."	HF pad acid pumps	ISA-06 Chemicals Receipt, Handling and Storage
9444	5/11/2009	Regulatory Requirement	ADU Conversion Line 1 Torit Level Probe	"The high-high level probe in the ADU conversion line 1 Torit will be replaced with a longer probe."	ADU Conversion Line 1 Torit	ISA-01 Plant Ventilation System
9445	6/2/2009	Regulatory requirement	ADU Conversion Line 5 Torit Level Probe	The high-high level probe in the ADU conversion line 5 Torit will be replaced with a longer probe. Revision 1 5-27-09: It is the high level probe that is too short not the high-high level probe. The high level probe will be replaced with a longer probe.	ADU Conversion Line 5 Torit	ISA-01 Plant Ventilation System

Westinghouse Non-Proprietary Class 3

CCF Number	Approved	Justification	Title	Description	Location	ISA ID
9446	6/8/2009	A passive overflow is required on Tank V-747 to prevent nuclear material from going to the non favorable geometry Process Vent Scrubber. This is a Criticality Safety Evaluation requirement that is to be completed by 6-30-09.	Tank V-747 Passive Overflows Addition	"A passive overflow will be installed on the 4 inch nozzle to the Process Vent Scrubber on Tank V-747 in the Solvent Extraction Area. The overflow is a U tube configuration that can be filled with water from a removable top flange so that a water seal w	Solvent Extraction	ISA-01 Plant Ventilation System
9447	5/26/2009	Items listed above are TPM (Total Productive Maintenance) Event Deficiency findings.	TPM Deficiencies (Electrical)	During the May 09 TPM Event on Oxide Coater #1 on the Mechanical side, we will be: 1. Removing the disabled Argon controller from the control panel and placing a blank cover in its place. 2. Reversing the orientation on both control cabinet cooling fans.	Oxide Coater #1 on Mechanical Side	Clean Side Rod Area

Westinghouse Non-Proprietary Class 3

CCF Number	Approved	Justification	Title	Description	Location	ISA ID
9448	6/8/2009	A passive overflow is required on Tank V-767 to prevent nuclear material from going to the non favorable geometry Process Vent Scrubber. This is a Criticality Safety Evaluation requirement that is to be completed by 6-30-09.	Tank 767 Passive Overflow Addition	"A passive overflow will be installed on the 4 inch nozzle to the Process Vent Scrubber on Tank V-767. The overflow is a U tube configuration that can be filled with water from a removable top flange so that a water seal will prevent process fumes from	Solvent Extraction Area	ISA-01 Plant Ventilation System
9450	7/29/2009	These changes are being made to standardize the decanter system across all conversion lines.	Line 3 Decanter Piping Modifications	"Remove the ball valve from the discharge piping of the auxiliary centrate pump and rework the piping from the pump discharge to the check valve. Add a check valve to the DI water line feeding the ADU Slurry Auger. Add a check valve, y strainer, and ne	ADU Conversion Line 3 Decanter	ISA-03 ADU Conversion
9451	7/29/2009	These changes are being made to simplify and standardize the decanter system operation across all conversion lines.	Line 3 Centrate Pump Valve Configuration	"Rework the air supply to the P-320A/B pumps and the V-319 vibrator system."	ADU Conversion Line 3 Centrate Pump Air Supply	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9452	6/18/2009	Lowering the platform structure will allow the auger shaft to be removed and replaced without the removal of the entire auger unit. This change will also standardize the design across all conversion lines.	Line 3 Moyno Pump Platform Modification	"Modify the hanging support structure for the V-319, K-319, and P-319 by lowering the platform to which the K-319 pillow block housing is attached. Add a section of c-channel between the pillow block and the platform to support the pillow block."	ADU Conversion Line 3 Moyno Pump Hanging Support Structure	ISA-03 ADU Conversion
9453	6/26/2009	CSE must be implemented by June '09	Neutron Absorber Plates for Scrubber 2A/2B Slab Tanks	CSE 1-G requires neutron absorber plates on both sides of the slab tanks under the S2A and S2B cyclonic separators for the S2A/S2B scrubber. Specific material properties and plate dimensions are required by the CSE. Each side of the slab tanks will hav	Both sides of the S2A/S2B Scrubber slab tanks	ISA-01 Plant Ventilation System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9455	5/26/2009	The Erbia Mop Water System will not have a criticality safety basis after June 30, 2009 and will not be allowed for use until it has one. This requires that the system be placed into a safe state without the possibility of SNM being introduced to it.	Erbia Mop Water LOTO	<p>The following needs to be done to LOTO the Erbia Mop Water System from future service.</p> <ol style="list-style-type: none"> 1. Remove the discharge pipe from the bottom of the scrubber tanks before the pumps. 2. Remove the valves from the bottom of the precipitator tanks before the pumps 3. 	Erbia Mop Water Eria	ISA-20 ERBIA
9456	6/29/2009	A method is needed to clean out Scrap Cage Waste Storage Tanks blockages. This is part of the 6-09 project to replace the Scrap Cage Waste Storage Tanks.	Scrap Cage Waste Storage Tanks Water Blow Down Connection	"The Scrap Cage Waste Storage Tanks will be connected to the Scrap Cage Deionized Water Back Flow Preventer to allow water blow down."	Scrap Cage Waste Storage Tanks	ISA-11 Scrap Uranium Processing

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9457	5/26/2009	"This effort is largely in response to a significant attempt to reduce Foreign Material in the area. Acetone dripping on the structure and foundation of the equipment is not desirable, from a foreign material and mechanical integrity standpoint. This has	Provide Catch Pan for Cleaning Station on Oxide Coater #1	"The cleaning station on Oxide Coater #1 utilizes Acetone as a cleaning agent for the tubes. Currently, acetone is applied to the tubes and wiped away in order to clean the tube in preparation of the next operation. The excess acetone drips onto the equi	Oxide Coater #1 Cleaning Station	Clean Side Rod Area
9458	5/21/2009	"Current cover is badly deteriorated in all areas. The current cover is Lexan and should be transparent; however, due to age and operating environment, the Lexan has become cracked, cloudy and scratched. In order for the operator to maintain visual con	Replace Polishing Station Cover on Oxide Coater #1	"Replace current deteriorated Polishing station cover with new cover, including more ergonomic design similar to Oxide Coater #2 cover."	Oxide Coater #1 Polishing Station	Clean Side Rod Area
9459	5/12/2009	The strainer has led to numerous leaks. Other Nitric acid lines do not have strainers.	Eliminate Nitric Acid Strainer for Scrap Cage Washing Machine	"Remove strainer on Nitric acid feed going to the washing machine. A new spool will be made to replace the strainer."	Scrap cage washing machine	ISA-11 Scrap Uranium Processing

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9460	5/21/2009	These duct inspection ports are required for CSE implementation.	CSE 1N: Add inspection ports - URRS decon room ventilation	Add inspection ports as necessary to allow complete inspection of all ductwork greater than 10" that can possibly accumulate powder (e.g. horizontal runs)	URRS bay	ISA-01 Plant Ventilation System
9461	5/21/2009	These duct inspection ports are required for CSE implementation.	CSE 1AJ: Add inspection ports - URRS chemical development lab area ventilation	Add inspection ports as necessary to allow complete inspection of all ductwork greater than 10" that can possibly accumulate powder (e.g. horizontal runs)	Chemical development lab area	ISA-01 Plant Ventilation System
9463	6/4/2009	The existing drive system has a loose tolerance which can prevent the correct exposure number from being displayed. The replacement design will eliminate most of the mechanism reducing the mechanical "slop".	Fuel Rod X-Ray Counter Wheel Drive Upgrade	Change the stepper motor, gearing, and mounting for the Counter Wheel in the fuel Rod X-Ray unit. This CCF will also allow us to fabricate a new "number wheel" with less counts to allow our tolerances to be more forgiving.	X-Ray for QC Fuel Rods	ISA-10 ADU Rods

Westinghouse Non-Proprietary Class 3

CCF Number	Approved	Justification	Title	Description	Location	ISA ID
9464	6/17/2009	The existing unit is not the right heat exchanger for the application - it's not in favorable geometry, it holds much more than the safe volume, and it accumulates buildup.	Disconnect HX-1160	"This CCF will permanently disconnect the Waterglass spiral heat exchanger, HX-1160 from the Waterglass process."	URRS Outside Waterglass	ISA-15 URRS Wastewater Treatment System
9468	5/19/2009	For full duct work inspection of S2A and S2B scrubber for material accumulation in compliance of ventilation CSE.	S-2A and S-2B ductwork Inspection Port	"Add Additional Inspection ports to ventilation ductwork for S-2A and S-2B scrubber system"	Conversion area S2A and S2B duct work	ISA-01 Plant Ventilation System
9469	5/21/2009	Additional access is needed to service the future Waterglass gamma monitor installation.	Modification to URRS UF6 Cylinder Wash System Storage Rack	There are two cylinder storage racks in URRS used for storage of UF6 cylinders for the cylinder wash station in the UF6 bay. The storage rack to the east will be modified to remove one storage position. This modification allows for access to the future W	UF6 area east of the cylinder washing station	ISA-09 UF6 Cylinder Wash

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9471	5/19/2009	Full visual inspection of S-1030 scrubber duct work inside the chemical area for material accumulation in compliance of ventilation CSE.	S-1030 additional inspection port	"Add Additional Inspection ports to S-1030 scrubber duct work."	ADU conversion covering all S-1030 inside ductwork	ISA-01 Plant Ventilation System
9473	5/26/2009	This line is no longer in service, and it's not analyzed in new CSE, CSE-15-C.	Disconnect ERBIA Line from Waterglass Process	"This CCF will disconnect the ERBIA (from gamma monitor RE-9156) line from the Waterglass process."	URRS Outside Waterglass	ISA-15 URRS Wastewater Treatment System
9474	5/19/2009	The purpose is to allow full visual inspection of the ductwork for material accumulation in compliance of the Torits ventilation CSE.	Conversion Torits additional inspection port	"Add additional inspection ports to the ductwork of the conversion line Torit ductwork of FI-150, FL-250, FL-305, FI-405, FL-550 and also the Decon Room Torit"	Conversion area and the Decon room	ISA-01 Plant Ventilation System
9475	5/19/2009	The additional port will provide full inspection for material accumulation of the Torit DC-923 duct work in compliance with the ventilation CSE.	Bulk blending Torit additional inspection port	"Add additional Inspection ports to Bulk Blending room Torit DC-923 duct work."	Conversion bulk blending room	ISA-01 Plant Ventilation System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9476	5/26/2009	"The current SSC ADUELV-101 only requires that the ADU.bucket elevator enclosures (top and bottom) remain open. The new CSE, (3-H, rev 2.) requires that the top and bottom elevator enclosures be unable to collect material greater than 3 inches. The dra	Drain holes for upper elevator enclosures	"Drain holes will be drilled in the upper elevator enclosures on all five Conversion lines. The drain holes will be drilled at an appropriate height that does not allow material accumulation greater than 3 inches."	Conversion Lines bucket elevator	ISA-03 ADU Conversion
9477	8/6/2009	"Rerouting the Precipitation Tank V1006A drain is required to allow convenient/safe access by chemical operators. The three 13 inch long TFE inserts are being installed in V1006A top nozzles to stop migration of process solutions to the overflow drain o	V1006A drain change for access and tank top nozzles TFE inserts installation	"The Precipitation Tank V1006A drain line will be rerouted to immediately turn West, have a cut off valve then turn down for draining. A 13 inch long TFE insert will be installed inside the 1 inch diameter top nozzle that receives either process solutio	Precipitaton Tank V1006A	ISA-11 Scrap Uranium Processing
9478	5/26/2009	The sight glasses are no longer in use, and this would eliminate the PM needed to maintain these sight glasses.	Replace Sight Glasses with Blind Flanges on Still 2	"This CCF will replace all the sight glasses with blind flanges on Still 2."	URRS Outside Still 2	ISA-15 URRS Wastewater Treatment System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9487	6/2/2009	CSE-15-C must be implemented by June '09.	Hot Water and Process Water Backflow Preventer Tank 1160B	"CSE-15-C requires a backflow preventer in the hot water feed to the inlet of pump 1160B. This backflow preventer protects the hot water supply system from backflow of contaminated fluid from tank 1160B."	Inlet of pump 1160B next to tank 1160B	ISA-15 URRS Wastewater Treatment System
9489	6/5/2009	"We are having a high failure rate on the PC board. This board is becoming obsolete from the factory so they are not interested in modifying the design. We plan to continue to use this board, we have many Varian MultiGauges in the Plant, with a good se	Modify Varian Multigauge I/O Card	"Modify the Varian MultiGauge I/O PC board per the manufacturer's recommendation. Replacing the thermistors with resistors and removing the tranzorbs. The PC board is designed to accept multiple voltages, we are using 24VDC I/O. The changes will make	Control Panel for Rod Helium Leak Checker	ISA-10 ADU Rods

Westinghouse Non-Proprietary Class 3

CCF Number	Approved	Justification	Title	Description	Location	ISA ID
9490	6/18/2009	The railing will need to be removed for the IFBA casket to unload AP1000 rods onto the rod weigh. The heavy duty cabinet does not need the "protection" that the open table needed in case it was accidentally bumped with a cart.	Remove railing near pass-through window	There is a waist high railing located in Tube Prep on the clean side of the pass-through window to ADU. It had been previously protecting a table which stored pans of cleaned parts. That table has been eliminated and replaced with a heavy duty cabinet.	Near parts cleaning/pass-through window between Tube Prep and ADU	Clean Side Rod Area
9491	6/17/2009	CSE 1-G must be implemented by June '09.	Passive Overflow for V-406B	Tank 406-B serves as a collection point for condensate from the hydrovent in the conversion area. The hydrovent is sloped downward in the direction of V-406B and condensate drains by gravity to the tank. CSE 1-G requires a passive overflow on this tank.	Between Conversion Lines 3 and 4	ISA-01 Plant Ventilation System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9492	5/28/2009	The current valve to cut off the air for the oxide coater is located high on a nearby column (requiring the use of a ladder to reach it) and is not a lockable valve.	Lockable air valve on oxide coater 1	<p>Add a lockable valve to the main air line for the oxide coater in a location easily accessible to the operators and maintenance.</p> <p>Remove other valves as necessary.</p> <p>This will be done as part of the TPM event on May 28 and 29.</p>	Oxide Coater 1 in Tube Prep	Clean Side Rod Area
9493	6/4/2009	A passive overflow is required on Tank V-717 to prevent nuclear material from going to the non favorable geometry Process Vent Scrubber. This is a Criticality Safety Evaluation requirement that is to be completed by 6-30-09.	V-717 Passive Overflow Install and ME-717 Removal	"A passive overflow will be installed on the nozzle to the Process Vent S-2A/S-2B Scrubber on Tank V-717 in the Solvent Extraction Area. The overflow is a U tube configuration that can be filled with water from a removable top flange so that a water sea	Solvent Extraction	ISA-01 Plant Ventilation System

Westinghouse Non-Proprietary Class 3

CCF Number	Approved	Justification	Title	Description	Location	ISA ID
9494	5/28/2009	The port is not used and not documented. The <i>unused wires add clutter</i> to the area.	TPM Event for Oxide Coater #1: Helium Station <i>wire removal</i>	"Remove unused wires and rs232 port located <i>under the outfeed ramp</i> near the helium station."	Helium Station / Ramp	Clean Side Rod Area
9495	6/26/2009	A passive overflow is required on Tank V-758 to prevent nuclear material from going to the non favorable geometry Process Vent Scrubber. This is a Criticality Safety Evaluation requirement that is to be completed by 6-30-09.	Passive overflow installation for V-758 Tank	"A passive overflow will be installed on the Solvent Extraction Area Tank V-758 nozzle to the Process Vent S2A/2B Scrubber. The overflow is a U tube configuration that can be filled with water from a removable top flange so that a water seal will preven	Solvent Extraction	ISA-01 Plant Ventilation System
9498	6/11/2009	"PY-1120 is a transducer that regulates air pressure to the pump. There is not enough pressure on the current side of the transducer to prevent liquid backflow when the air purge line is used to remove blockage at T-1120 discharge. We have gotten enoug	Move Air Purge Line on T-1120	"Move Air Purge Line on T-1120 to before the filter on PY-1120."	Sludge Treatment and Dewatering System	ISA-15 URRS Wastewater Treatment System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9499	5/29/2009	<p>Floor of the oven is sagging preventing the installation of a heating element.</p> <p>This modification is the same as that performed on the Erbia Dirty Scrap Blue-M oven per CCF 09221.</p>	Line 5 Blue-M Oven Modification.	Add stainless steel supports in the element bay of the Line 5 Blue-M oven to support the sagging floor. The supports will consist of a section of all-thread inside a pipe (either 1/4" or 3/8" diameter). The base and top of the support will be a square sec	ADU Pelleting / Line 5 Oxidation	ISA-08 Pelleting
9500	6/8/2009	CSE-1-AK must be implemented by June '09.	Filter House 1A Stack Modification	"The exhaust stack for filter house 1A is oriented vertically. CSE-1-AK requires the stack to be oriented horizontally to keep rain water from entering the stack. The vertical stack will be changed to a horizontal discharge with a 45 degree bias cut."	Next to filter houses 1A/1B on the roof	ISA-01 Plant Ventilation System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9501	6/18/2009	Lighting fixtures are constantly being upgraded with newer more efficient technologies. Plant requirements change as to the amount of illumination and "color". Many times existing fixtures have become obsolete and it is necessary to "upgrade" the fixtur	Lighting Fixture Substitution	"This CCF will allow us to change lighting fixtures as long as they meet the criteria set forth in MCP-202174 (see attached proposed addition to MCP-202174)."	Final Assembly	Miscellaneous
9502	7/8/2009	="The 13 inch long TFE inserts are being installed in V1005B top nozzles to stop migration of process solutions to the overflow drain of this tank. The 1/4 inch orifice installation on the 1 inch recirculation line is required to facilitate pump out of t	V1005B tank top nozzles inserts and orifice installation	"A 13 inch long TFE insert will be installed in the 1 inch diameter top nozzle on V-1005B that receives process solution from filter press FP-1058. A second 13 inch long TFE insert will be installed in the 1 inch diameter top nozzle that receives recirc	Pump Out Column V-1005B	ISA-11 Scrap Uranium Processing

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9505	6/19/2009	A CSE of the Blue M ovens in the "Scrap Cage" area revealed an issue with scrubber S-1030 that needs to be addressed for license renewal.	Scrap cage Blue M oven ventilation modifications	This project covers the addition of an expansion plenum to the top of the door cover over both Blue M ovens in the "Scrap Cage" area. The expansion plenums are designed to reduce the amount of particulates that travel to scrubber S-1030. This modificati	Scrap Cage	ISA-01 Plant Ventilation System
9509	6/24/2009	Current doors are weak and easily damaged. Furthermore, nearly all doors are currently painted, causing possible foreign material entering already-inspected material.	Replacing Doors on Pellet Carts	"Revise Item 18 on 364F01EQ08 with a thicker gage stainless steel, remove existing door from pellet cart and install new door in its place."	Pellet Area	ISA-16 Nclear Material Storage

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9510	6/18/2009	Operations needs to transfer film across the leak checkers. This is a manual operation and they tend to "bump" the photoeyes when reaching across. The guards will be substantial enough to allow personnel to lean on them.	Helium Leak Detector PhotoEye Brackets and Guards	Install guards around "rod in chamber" photoeyes on Fuel Rod Helium Leak Checkers 1 and 2. This CCF will also allow us to modify the mounting brackets as necessary. The guards will be bolted to the support "webbing" on the chamber so that they will not	Fuel Rod Helium Leak Checkers 1 and 2	ISA-10 ADU Rods
9513	6/17/2009	June 09 CSE requirement.	Disconnect the Hydrovent from the Inlet of 2A/2B Sump Pumps	There is a 1" connection from the hydrovent to the inlet of the sump pumps, P-952A, P-951A, P-951B. The drain line is no longer used. This line has not been analyzed for CSE-1-G. Maintenance will perform a line break and cap both sides of the service.	At floor level between the sump tanks for 2A and 2B	ISA-01 Plant Ventilation System
9515	6/5/2009	Leaking process fluid	Emergency CCF - replace P-211 nipple with a plug	"Due to a leak, a nipple needed to be replaced with a plug on P-211 piping. C. Miller and J. Howell were notified."	P-211 piping	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9516	6/23/2009	The S-1030 scrubber is a preferred ventilation source for the ammonia fumes emitted from the press during cleaning activities. The current 7A filter system is to be decommissioned and the CSE is not to be renewed.	Scrap Cage Filter Press FP1058 Vent to S1030. for filter press plates.	"Ventilation of the new Scrap Cage filter press FP-1058 enclosure is to be provided by the S-1030 scrubber instead of the present roof filter system 7A. The new filter press system was installed under CCF 08551 and was approved for production start."	Scrap Cage Filter Press FP-1058	ISA-01 Plant Ventilation System
9517	6/10/2009	Needed for temporary use while existing equipment is being repaired.	Installation of Rental X-Ray Unit	"This CCF is being generated to install a rental Pantek 320Kv single phase x-ray unit with control panel, cables etc. for temporary use while existing x-ray equipment is being repaired."	Columbia	Clean Side Rod Area
9518	6/8/2009	Needed for safety of personnel who will have access to the area. As it stands now, no barriers are present which is a safety issue.	Safety Cage to encircle X-ray generators.	"A safety cage need to be fabricated and installed on top of the non-fuels x-ray unit to encircle the generators."	Columbia	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9520	6/12/2009	Erbia Elevator Integrity is an SSC to prevent powder from reaching the elevator pit and sump.	Erbia Elevator Wall Repair	"Reseal wall of Erbia Freight Elevator to the Floor with sheet metal screws"	Erbia Freight Elevator (Blending Area)	ISA-20 ERBIA
9522	6/24/2009	Safety upgrade.	Safety Cage Addition for T-20	"Add OSHA approved ladder safety cage to the bottom section of the T-20 tank access ladder."	T-20 Ammonium Hydroxide Tank	ISA-06 Chemicals Receipt, Handling and Storage
9525	6/18/2009	These changes will facilitate repair of a leaking process make up water line.	Process make up water valve supplying the Grid Laser Scrubber (S-4215)	Add a 1" ball valve in the process make up water line supplying the Grid Laser Scrubber (S-4215). Also revamp the supply line downstream of this new valve by changing the elevation from ~ 30 feet to ~ 10 feet, utilizing the existing pipe rack at the lower	City water supply - Mechanical Side	Components
9526	7/9/2009	Existing unit has become unreliable and is obsolete. We have used the Emerson/Mobrey tuning fork switches throughout the plant with excellent results.	UT-9 Water Tank Level Switch Replacement	Replace the existing obsolete level switch on UT-9 with an Emerson "tuning fork" type. UT-8 has the same switch, this CCF will allow us to also substitute line 8 UT level switch when it fails.	Tube Prep Line 9 UT	ISA-10 ADU Rods

Westinghouse Non-Proprietary Class 3

CCF Number	Approved	Justification	Title	Description	Location	ISA ID
9527	6/18/2009	Swapping out the V-319 with the spare tank and installing the extended diaphragm level transmitter will standardize the V-x19 tank system across all five lines.	CLN3 V-319 Swap and Level Transmitter Replacement	"Swap out the existing V-319 with the spare tank and install the extended diaphragm level transmitter."	Conversion Line 3 V-319 ADU Collection Tank	ISA-03 ADU Conversion
9528	6/23/2009	The current doors are in danger of falling off. The plastic curtain will be similar to that located in URRS.	Replace doors with plastic sheeting/curtain	"The upper doors between the UF6 bay and the unblended storage area will be removed and replaced with a plastic curtain."	Between the UF6 bay and unblended storage area	Miscellaneous
9529	7/15/2009	Safety in maintenance activities would be greatly improved, as placement of extension is awkward and poses a finger/hand pinching and crushing danger.	Incorporate handles on Maintenance Rail Extension for X-Ray Transporter Cart	"Current extension for transporter cart on X-Ray system is unweildy and poses a safety hazard for maintenance craftspeople. Extension is made of heavy steel and does not provide an easy way to maneuver and place in proper position for maintenance activi	X-Ray Transporter Cart	Clean Side Rod Area

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9530	7/15/2009	This line is obsolete and a potential trip hazard.	Remove Old Steam Condensate Line by T-14	"Remove Old Steam Condensate Line by T-14. The line is located in the tank farm in front of P-14A/B."	T-14	Grounds
9531	6/24/2009	CSE-1-G must be implemented by June '09.	Install Blinds and Flex Hose Inlet Screens in 2A/2B Scrubber Ductwork per CSE-1-G	Three duct openings in the 2A/2B ductwork are not analyzed as part of CSE-1-G and must be blanked off. The openings are physically located near the decanter at platform level for lines 2,3, and 4. Inlet screens must be installed on all flex hoses in t	Throughout Conversion	ISA-01 Plant Ventilation System
9533	7/29/2009	Eliminate leak from hood when there is a release to the hood, liquid drips from around bolt holes.	Overflow Hood Gasket	"Install a PTFE washer/gasket around bolts in bottom of hood. The PVC bolt holding the drain valves in place does not seal against the Polypropylene hood material."	All 5 ADU Conversion Lines at Hydrolysis Column	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9534	8/3/2009	The existing Wilfley pump has dynamic seals that currently leak when turned off. The proposed Iwaki Walchem pump is a magnetic drive pump so seal leakage is eliminated as an issue. The new pump has the capacity to run dry for 1 hour and has ANSI dimensi	Replace P-102A with Iwaki Walchem Pump	"Replace present Wilfley Model AF centrifugal pump at hydrolysis column with an Iwaki Walchem pump like on line 4 and 5. Replace pump base which has been damaged."	ADU Line 1 Hydrolysis Column	ISA-03 ADU Conversion
9535	7/29/2009	The existing Wilfley pump has dynamic seals that currently leak when turned off. The proposed Iwaki Walchem pump is a magnetic drive pump so seal leakage is eliminated as an issue. The new pump has the capacity to run dry for 1 hour and has ANSI dimension	Replace P-102B with Iwaki Walchem Pump	"Replace present Wilfley Model AF centrifugal pump at hydrolysis column with an Iwaki Walchem pump like on line 4 and 5. Replace pump base which has been damaged."	ADU Line 1 Hydrolysis	ISA-03 ADU Conversion
9537	7/16/2009	The pressure guages will help operations know when to change out the cartridge filters.	Add Pressure Gauges on Contaminated Water Storage Filter Banks	"Add Pressure Gauges on Contaminated Water Storage Filter Bank, FL-1187A and FL-1187B."	T-1187, Contaminated Water Storage	ISA-15 URRS Wastewater Treatment System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9538	7/16/2009	The main sample port is on a dead leg prior to the filters.	Add Additional Sample Port on the Discharge of P-1187	"Add additional sample port on the discharge of P-1187. The new sample port will be on the recycle line so that operations can get a good sample without having to flush the line."	T-1187 Contaminated Water Storage	ISA-15 URRS Wastewater Treatment System
9539	8/6/2009	The insects in the dewatering building are a housekeeping disaster. This screen should help keep the building clean.	Install Shutter Guard with Insect Screen on Fan in Sludge Dewatering Building	"Install Shutter Guard with Insect Screen on Fan in Sludge Dewatering Building"	Sludge Dewatering Building	ISA-15 URRS Wastewater Treatment System
9542	7/16/2009	"The current control system for the central walking beam located between Gamma Scanner 3 and 4 will not allow the two systems to be fed rods independently during a LOTO procedure. When GS#4 is locked out, GS#3 can continue to be fed rods; but when GS#3	LOTO Mod - Gamma Scanner Entry Queue Walking Beam Isolation	"Modify the Rod Soft Handling pneumatic and control system for the walking beam transfer at the Gamma Scanner Entry Queue to allow for isolating the rod paths between the two scanners during a LOTO procedure."	CFFF, Rod Soft Handling, Gamma Scanner Entry Queue	ISA-10 ADU Rods

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9543	9/14/2009	Mitigate a safety concern that the sample valve will fail and leak sodium hydroxide on floor. Pipe cap will be the secondary containment if valve fails.	IFBA PK-7159 Scrubber HAZOP Recommendation 11 - Pipe Cap on NaOH sample line	Install a piping cap over the nipple on the Sodium Hydroxide supply line sample valve discharge. Sample port located on line P019-1"-33 on drawing 807F06PI01,01.	IFBA Scrubber S-7159	ISA-14 IFBA Processing
9544	7/24/2009	"The 13 inch long TFE inserts are being installed in V1005A top nozzles to stop migration of process solutions to the overflow drain of this tank. The 1/4 inch orifice installation on the 1 inch recirculation line is required to facilitate pump out of t	V1005A tank top nozzles inserts and orifice installation	"A 13 inch long TFE insert will be installed in the 1 inch diameter top nozzle on V-1005A that receives process solution from filter press FP-1058. A second 13 inch long TFE insert will be installed in the 1 inch diameter top nozzle that receives recirc	Scrap Cage	ISA-11 Scrap Uranium Processing
9545	12/22/2009	Reduce volume of Dump Hood Bottom Transition to meet requirements of CSE-20-C.	Erbia Dump Hood Insert	"Install insert(see attached sketch) in Erbium Dump Hood."	Erbium Pelleting \ VH-9232 & VH-9238 Polypak Dump Hood	ISA-20 ERBIA
9546	12/22/2009	To reduce the volume of the granulator housing to meet CSE-20-C requirements.	Erbium Granulator Modification	"Install sheet metal volume reducer(see attached sketch) to the granulator side panels."	Erbium Powder Conditioning \ GN-9223 Granulator	ISA-20 ERBIA

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9548	8/6/2009	Pin hole leaks have developed in the 4" city water supply line to DI Water. The whole system is being evaluated for a complete replacement. This will temporarily repair this line so that DI water supply to the plant will not be compromised while we dete	Repair Pin Hole Leaks on City Water Supply to DI Water	"Utilize a Urethane impregnated fiberglass tape and epoxy repair kit to repair pinhole leaks in the city water supply line to DI Water"	DI Water Building	Grounds
9550	8/6/2009	These meters have not worked for some time and are an eye sore. We use a pressure gauge on the discharge of the pumps to confirm they are recirculating at the desired rate.	Remove Flow Rate Meters on DI Water Recirculation Pumps	"Remove Flow Rate Meters, FI-1362A2 and FI-1362B2, on DI Water Recirculation Pumps, P-1362A and P-1362B."	DI Water Building	Grounds

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9551	8/3/2009	Industrial safety. An overflow on the mezzanine could go unnoticed.	V-7153 Overflow	"Installation of an overflow from the acid break tank, V-7153, on the mezzanine in IFBA. A vacuum break in the vent line to the acid scrubber is already in place and serves as a passive overflow and SSC. This additional overflow will not be an SSC. It	IFBA Scrap Cage Area	ISA-01 Plant Ventilation System
9552	7/16/2009	Continuity of operations	Replace actuated ball valves - like kind	<p>This CCF is to document the following:</p> <p>Allow replacement of actuated ball valve (obsolete or otherwise) with Jamesbury VPVL actuated ball valve (with or without integral solenoid). Valve must be of same size, similar or better materials of construction,</p>	URRS Operations	ISA-07 Solvent Extraction

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CCF Number	Approved	Justification	Title	Description	Location	ISA ID
9555	7/10/2009	A CAPs commitment stemming from a Palo Verde leaker in 2008. A commitment to the customer.	PCN network connections to IFBA welders	"The cell computers for IFBA rod line welders 5 and 7 are being upgraded to address a CAPS issue. With these upgrades, a PCN network connection is required to the Cell computer, Welder computer and panelmates."	IFBA Rod Lines	ISA-12 IFBA Fuel Rod Manufacturing
9556	7/15/2009	CAPs commitment stemming from the Palo Verde leaker in 2008.	PCN network connections to line 8 and 9 welders	"The cell computers are being upgraded on tube prep lines 8 and 9. With this upgrade, the Cell computers, welder computers and panel mates need to be put on the PCN. Run fiber and Cat 5 cable as necessary to each one."	Rod line 9	Clean Side Rod Area
9557	7/20/2009	Trailer needs inspected for possible contamination.	Critical Lift of LLRW Sealand Container TL-017	"Perform critical lift of sealand TL-017. Remove sealand from trailer. When the trailer inspection/decontamination (if required) is completed, lift sealand back onto the trailer"	LLRW trailer load area	Grounds

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9558	11/16/2009	<p>Replace obsolete equipment. The expected life of the sintering furnaces has been extended to about 10 years and 2A is already down for re-bricking.</p> <p>This is identical to the controls upgrade that was recently completed on 1A furnace.</p>	Upgrade temperature controls on 2A furnace	<p>Replace infrared pyrometers, SCR's, ammeters, and signal isolators on 2A sintering furnace.</p> <p>The following SSC's will be impacted: PELSINT-903, PELSINT-904, PELSINT-905, PELSINT-908</p>	2A furnace	ISA-08 Pelleting
9559	10/7/2009	="Solenoid valves are a poor choice for final elements in interlocks. It is not possible to verify the state of the valve when performing interlock verifications and thye are prone to leak-through. A recent saturator over-fill was caused by a leaking sole	Replace 2A Saturator water addition valves	<p>Replace solenoid valves SV1A9, SV1A10 and SV1A11 with air actuated ball valves - Jamesbury 9FB-3600XT with linkage kit and spring return actuator, model VPVL100SR4-5.</p> <p>PELSINT-601 will be affected.</p>	2A Furnace	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9560	7/16/2009	To comply with the current safety basis of the system.	Cover funnel in IFBA Blue M hood	There is a funnel in the Blue M hood that is connected to a polypak lid. This was used at one point for "clinkers" in the Blue M hood. This part of the hood is not covered under current safety basis and must be covered. We will cover it with a piec	IFBA Blue M oven (FA scrap area)	ISA-14 IFBA Processing
9561	7/24/2009	Electrode grinder covered in CCF-09060 requires 120 volt, AC for operation.	Electrode Grinder Electrical Service	"Install 120 volt, AC electrical service for Electrode Grinder"	Area adjacent to line 8 MMC	Clean Side Rod Area
9563	10/7/2009	Existing pusher motors are obsolete.	Replace 2A furnace pusher motor	ADU furnace 2A will have the new style pusher motor to replace the existing, obsolete motors. This upgrade has been made on many of the other furnaces and it works well. 2A will be upgraded during the upcoming furnace re-build.	2A Furnace	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CGF-Number	Approved	Justification	Title	Description	Location	ISA ID
9564	8/28/2009	"Zirconium fines that accumulate in the Final Assembly Area during operations are an explosion/fire hazard if not kept under water. The explosion proof electric vacuums procured will have interceptor tanks that will trap fines under water and prevent ex	Final Assembly Area Movable Electric Explosion Proof Vacuums	"Four movable electric powered Explosion Proof Vacuums mounted on carts are needed in the Final Assembly Area so that zirconium fines can be removed."	Final Assembly Area	ISA-17 Final Assembly
9565	7/7/2009	Gen #2 has experience mechanical failures that render it inoperable. Per RA108-4 we are required to have emergency power to ensure electrical service to chemical operations.	Temporary Generator for #2 Generator Failure	"We will be installing a temporary generator in place of Gen #2 for repairs."	Emergency Generator #2 UF6 Bay	Miscellaneous
9569	7/29/2009	This will aid in removing the oil from the reservoir without spillage to the ground. All of the other lines have it. Line three was not installed because it was the first installation and was an oversight.	CLN3 Decanter Hydraulic Tank Drain Valve	"Install a drain valve on the hydraulic reservoir for line three decanter."	CLN3	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9572	8/6/2009	Current lighting conditions are poor.	Roof Access Stairwell Lighting	"We will be installing additional lighting to the roof access stairwell just past the video conf. room, accross from MAP."	Roof Access Stairwell near Video Conf. Room	Miscellaneous
9573	7/30/2009	Required prior to returning ADU waste from the waterglass gamma monitors back to the tank V-116C.	Tie-in Connection From the UF6 Waterglass Gamma Monitors to Tank 116C	"The existing vent line from the 3 inch nozzle on top of q tank 116C to the 2 inch vacuum break will be replaced with a new section of pipe. The new section of pipe will include an annular section just above the nozzle. The annular section will allow the	Top of Q tank V-116C	ISA-15 URRS Wastewater Treatment System
9575	10/16/2009	Requirement per CAPS 08-142-C001.02	Conversion Line 4 UF6/Eductor Valve Alarm	"Upon closure of the UF6 (XV402B)and Eductor Valve (XV402A) tie in to (and initiate) the existing Control Room Audible Alarm. (Requires PLC Program Changes Only)"	ADU Control Room	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9577	10/7/2009	This redundancy will facilitate repair of a failed backflow preventer without effecting the Conversion and Pelleting operations.	Reduced Pressure Backflow Preventer	"Install a parallel reduced pressure backflow preventer in the process water line which supplies the following users: S2A / S2B make up water, V-1009 A / B make up water, back up cooling to sintering furnaces and back up water to all Conversion Lines."	Conversion Area / Process Water Supply	ISA-01 Plant Ventilation System
9578	7/14/2009	To empty selected tanks and make them available for repairs.	Temporary Use of P-1A Refueling Pump	"This CCF will use P-1A, refueling pump, as a temporary transfer pump to transfer fuel oil between T-16, T-17, and T-18."	Tank Farm / Fuel Oil Pad	Grounds
9580	8/28/2009	Splashing of acidic uranium bearing solutions through the holes in the Scrap Cage Stand Pipe transition piece onto the floor or on personnel is a safety hazard. Installation of a splash guard over the two holes will eliminate the safety hazard by direc	Scrap Cage Stand Pipe Splash Guard Installation	The transition piece on the top of the Scrap Cage Stand Pipe has two holes so that solutions added will not be over 8 inches in diameter. A splash guard is needed on the outside of the Stand Pipe over the two holes to direct drainage of liquid into the	Scrap Cage Stand Pipe	ISA-11 Scrap Uranium Processing

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9584	8/11/2009	Restroom fixtures are worn, and the wall and floor tiles are cracking, grimy etc. Also, materials and equipment is outdated and requires unnecessary maintenance.	IT Men & Women Restroom Renovation	Renovate men's and women's restroom with general upgrades to fixtures, floors, and walls. Also, install new hands free dispensers in restrooms. See attachment for details.	IT Restrooms	Miscellaneous
9585	8/11/2009	Stairway materials are worn and grimy. Also, materials are outdated and require unnecessary maintenance. Renovation will improve safety as well as the look.	VP Stairway Renovation	"Renovate stairway with general upgrades to handrails, stair covering etc. See attachment for details."	Stairway near VP office	Miscellaneous
9587	8/17/2009	This situation can cause the motor to wear out over time.	Line 1 Pellet Grinder Centrifuge Lid Locked Time Delay	The centrifuge lid locked mechanism has hard-wired contacts mounted to the side of the centrifuge. The contacts are currently wired in series with the centrifuge motor starter. During high vibration, the contacts chatter and cause the starter to go on a	Line 1 Pellet Grinder	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF Number	Approved	Justification	Title	Description	Location	ISA ID
9588	8/17/2009	This situation can cause the motor to wear out over time.	Line 2 Pellet Grinder Centrifuge Lid Locked Time Delay	The centrifuge lid locked mechanism has hard-wired contacts mounted to the side of the centrifuge. The contacts are currently wired in series with the centrifuge motor starter. During high vibration, the contacts chatter and cause the starter to go on and	Line 2 Pellet Grinder	ISA-08 Pelleting
9589	8/11/2009	This situation can cause the motor to wear out over time.	Line 3 Pellet Grinder Centrifuge Lid Locked Time Delay	The centrifuge lid locked mechanism has hard-wired contacts mounted to the side of the centrifuge. The contacts are currently wired in series with the centrifuge motor starter. During high vibration, the contacts chatter and cause the starter to go on and	Line 3 Pellet Grinder	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9590	8/17/2009	This situation can cause the motor to wear out over time.	Line 4 Pellet Grinder Centrifuge Lid Locked Time Delay	The centrifuge lid locked mechanism has hard-wired contacts mounted to the side of the centrifuge. The contacts are currently wired in series with the centrifuge motor starter. During high vibration, the contacts chatter and cause the starter to go on and	Line 4 Pellet Grinder	ISA-08 Pelleting
9591	8/17/2009	This situation can cause the motor to wear out over time.	Line 5 Pellet Grinder Centrifuge Lid Locked Time Delay	The centrifuge lid locked mechanism has hard-wired contacts mounted to the side of the centrifuge. The contacts are currently wired in series with the centrifuge motor starter. During high vibration, the contacts chatter and cause the starter to go on and	Line 5 Pellet Grinder	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9592	8/17/2009	This situation can cause the motor to wear out over time.	Line 6 Pellet Grinder Centrifuge Lid Locked Time Delay	The centrifuge lid locked mechanism has hard-wired contacts mounted to the side of the centrifuge. The contacts are currently wired in series with the centrifuge motor starter. During high vibration, the contacts chatter and cause the starter to go on and	Line 1 Pellet Grinder	ISA-08 Pelleting
9593	8/17/2009	This situation can cause the motor to wear out over time.	Erbia Line Pellet Grinder Centrifuge Lid Locked Time Delay	The centrifuge lid locked mechanism has hard-wired contacts mounted to the side of the centrifuge. The contacts are currently wired in series with the centrifuge motor starter. During high vibration, the contacts chatter and cause the starter to go on and	Erbia Pellet Grinder	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9594	9/16/2009	="A line passing ADU can be quickly diverted to the diversion tank for temporary isolation. This will provide more response time for the Q tank filtration to restore level control. basically, it will give conversion more flexibility to repond to high GAMM	Q tanks "A" and "C" manifolds	The conversion lines discharge to diversion "C" tank exclusively. There also exists a manifold from the conversion lines discharge to the program monitor (blinded off). This system feeds all the discharge to the "A" tank. This manifold will be modified to	Q tank operation	ISA-03 ADU Conversion
9595	9/3/2009	There are several helium lines that are no longer in use at each ADU rod line. There are also no isolation valves from the main header to each of the rod line.	Helium Header for ADU rod lines	"Remove all out of service/unused helium connections for each rod line."	Helium header for rod lines	ISA-10 ADU Rods

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9597	7/20/2009	This modification is needed to allow use of the new FME caskets in IFBA. The current side rails interfere with the latches on the new caskets.	Casket Cart Modification	"Modify the side rails on the casket carts used to ship rods from Rod Line 5. This modification will include removal of the UHMW strips on the inside of the side rails and reduction of the height of the side rails above the conveyor bed."	Rod Line 5 Rod Shipping	ISA-12 IFBA Fuel Rod Manufacturing
9598	11/18/2009	Preventing to damage to caskets during use.	Modify New Caskets to remediate conveyor interference	"Minor modifications to the new casket, 812F02EQ01, will prevent damage to latches and doors by the ERBIA conveyor carts. These modifications involve trimming end door hems and adding rub blocks on the lower frame rails."	ERBIA conveyor at loading dock	ISA-12 IFBA Fuel Rod Manufacturing
9599	7/28/2009	efficiency	Install new style hand dryers at all the step off pads and in change rooms.	"Install the hand dryers like at the main step off pad at the remaining step off pads"	Chemical area sinks	Miscellaneous

Westinghouse Non-Proprietary Class 3

GCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9601	9/11/2009	"The current 10 inch schedule 40 304 L stainless steel V1016 Scrubber Neutralization Tank has developed leaks that have been temporarily weld repaired. The SOLX and S1008 scrubbers require V1016 to stay in operation. SOLX and Conversion Areas may have	V1016 Scrubber Neutralization Tank Replacement	"The current degraded 10 inch schedule 40 V1016 Scrubber Neutralization Tank will be replaced with a like kind tank having the same dimensions and process connection points."	Scrap Cage V1016 Tank	ISA-01 Plant Ventilation System
9602	8/6/2009	Our current dishwasher has exceeded its useful life and is increasingly in need of repair.	Kitchen Dishwasher Installation	"We will be replacing our current antiquated dishwasher with a new one."	Kitchen	Miscellaneous
9603	8/28/2009	The IT group want to add intrusion protection to these servers, the existing circuits cannot handle the additional load.	208 vac power to Rack 6	"Install two 208vac receptacle circuits in the computer room to Server Rack #6"	Computer Room	Miscellaneous
9604	8/11/2009	Items mentioned above are falling apart and are increasingly in need of reappear.	Kitchen Appliance Install Phase III	"We will be replacing the kitchen's range, griddle, and steamer with a new one. We will also be adding a new steamer/oven combo."	Kitchen	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9605	7/28/2009	The current shelf is allowing material to pass through into the element chamber. The new shelf will help prevent this until further changes can be implemented.	Repair/Replace bottom shelf of IFBA Blue M oven	The bottom shelf of the Blue M oven have a couple cracks that allow powder and material to pass from the oven chamber to the element chamber. Replace this shelf with a new shelf not to exceed 3/8" thick stainless steel.	IFBA Blue M oven	ISA-14 IFBA Processing
9608	7/28/2009	Electrode cutoff requires 120 VAC for operation.	Electrode Cutoff	"Install 120 volt, AC electrical service for Electrode Cutoff"	Area adjacent to line 8 MCC	Clean Side Rod Area
9609	7/30/2009	This change in solenoids will increase the orifice size of the valve. This will allow pumps to run more efficiently and without using bypass.	Change Solenoids for V-320 on D-307	"Change V-320 dual pump solenoids (SV-320A & SV-320B) from ASCO 8320G204 to ASCO 8320G205."	D-307	ISA-03 ADU Conversion
9610	7/28/2009	The underground 480V circuit to P-1149 has failed. It will be replaced but the estimated time to completion is 4 weeks. Waste Treatment Operations need to run the pump.	Temporary power for P-1129 from generator	"Connect a portable electric generator to the motor of the South Lagoon Pump P-1129."	South Lagoon	Grounds

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9611	9/2/2009	There is not a speaker in the IFBA Team room, and they cannot hear the announcements. In the IFBA production area, due to the noise of the production machines, often times the operators cannot understand the announcements.	PA Speaker in IFBA Team Room	"Install a Fire Alarm speaker in the IFBA Team room. Reference CAPs issue 09-076-C002. Also increase the volumn on the speakers in the IFBA Production Area."	IFBA	Miscellaneous
9612	9/1/2009	During the last shelter in place, there were numerous complaints that people in various rooms could not hear the announcements.	Increase volumn of PA system in office area	"Raise the tap settings (volume)of the speakers on the 1st and 2nd floors of the new expansion office area."	1st & 2nd floor new expansion office area	Miscellaneous
9613	8/4/2009	The housing of the existing Ames device is severely corroded and the unit will not pass the annual backflow prevention device test.	Replace a 6" Backflow Preventer in the main city water supply line	Replace an existing Ames 6" Backflow Preventer, located in the main city water line, with a Watts 6" series 709OSY Backflow Preventer. The Series 709 Double Check Valve is designed to prevent the reverse flow of polluted water from entering into the potab	Mechanical side	Miscellaneous

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9615	8/6/2009	13 inch long TFE inserts are being installed in V1006B top nozzles to stop migration of process solutions to the overflow drain of this tank.	V1006B tank top nozzles TFE inserts installation	"A 13 inch long TFE insert will be installed inside the 1 inch diameter top nozzle that receives either process solution from P1005A/B, acid wash, P-1057/Waste Storage Columns or ammonium fluoride from V-1030. A second 13 inch long TFE insert will be in	Precipitation Tank V1006B	ISA-11 Scrap Uranium Processing
9616	10/20/2009	The only speaker in the area is directed towards the Chemical Development Lab, and cannot be heard well in the Maintenance side of this area. This new speaker will increase the safety of personnel in the area.	PA System speaker in Chem Maintenance Shop	"Install a PA System speaker in the Chemical Area Maintenance shop."	Chemical Area Maintenance Shop	Grounds

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9617	9/30/2009	The view port door is currently being held on with a lot of duct tape, and the hydrovent duct enters the larger duct section perpendicularly, which is causing a lot of accumulations in the duct.	Replace duct near port 10	"Remove the flanged section of duct containing view port 10 and the connection to the hydrovent. Replace this section with a better quality view port, and angle the connection from the hydrovent to come in at 45 degrees."	near the scrap cage ceiling above the blue M's	ISA-01 Plant Ventilation System
9618	8/17/2009	electrode is loaded into a v block and wheel turned to have the electrode cutoff in an enclosure. There is no manual strength needed to shear it and the grind and removed tip are enclosed in a HEPA filtered enclosure.	Electrode Cutoff Fixture	"HEPA vacuum enclosed grinding wheel to cut off electrodes."	Behind MMC for line 8	Clean Side Rod Area

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9619	8/18/2009	"Improve filter plate sealing effectiveness by extending the perimeter and port gaskets sufficiently above the groove face to compensate for stainless steel plate casting warpage, and machining and plate alignment irregularities. A one-piece, water-je	Filter Press FP-1058 Filter Plate Gasket Options	Allow optional filter plate gasket dimensional configuration for both perimeter and port gaskets. The existing perimeter and port gaskets are of a two-piece array, using a 1/4" wide Gore-Tex expanded Teflon joint sealant in the bottom of the groove and a	Scrap Cage Filter Press	ISA-11 Scrap Uranium Processing
9625	10/14/2009	To support implementation of new cylinder wash CSE	CSE-9B: Install new B-09 glass column for cylinder wash	CSE-9B: Install new smaller B-09 glass column to support new CSE. The existing column is 6 gallons in volume. The new column has the following dimensions: 41" tall, 7" OD, 6.25" ID for a volume of 5.45 gallons. The new column will be installed in the s	Cylinder wash	ISA-09 UF6 Cylinder Wash

Westinghouse Non-Proprietary Class 3

CCF Number	Approved	Justification	Title	Description	Location	ISA ID
9626	8/28/2009	This change in solenoids will increase the orifice size of the valve. This will allow pumps to run more efficiently and without using bypass.	Change Solenoids for V-120 on D-107	"Change V-120 dual pump solenoids (SV-120A & SV-120B) from ASCO 8320G204 to ASCO 8320G205."	D-107	ISA-03 ADU Conversion
9627	8/14/2009	This change in solenoids will increase the orifice size of the valve. This will allow pumps to run more efficiently and without using bypass.	Change Solenoids for V-220 on D-207	"Change V-220 dual pump solenoids (SV-220A & SV-220B) from ASCO 8320G204 to ASCO 8320G205."	D-207	ISA-03 ADU Conversion
9628	9/14/2009	This change in solenoids will increase the orifice size of the valve. This will allow pumps to run more efficiently and without using bypass.	Change Solenoids for V-420 on D-407	"Change V-420 dual pump solenoids (SV-420A & SV-420B) from ASCO 8320G204 to ASCO 8320G205."	D-407	ISA-03 ADU Conversion
9629	9/14/2009	This change in solenoids will increase the orifice size of the valve. This will allow pumps to run more efficiently and without using bypass.	Change Solenoids for V-520 on D-507	"Change V-520 dual pump solenoids (SV-520A & SV-520B) from ASCO 8320G204 to ASCO 8320G205."	D-507	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9630	9/23/2009	The present arrangement causes all furnaces to be tripped whenever a single furnace requires a PELSINT-903 interlock proof test. This is a significant inconvenience to Operations and Maintenance and increases the risk of furnace element failure. The new s	Install pressure switches for PELSINT-903	PELSINT-903 is the interlock that trips all sintering furnaces on low nitrogen header pressure. It comprises a single pressure switch and several relays that provide a trip contact to each furnace. A manifold with 18 individual pressure switches, each wit	On Mezzanine adjacent to Thermal Stability furnaces	ISA-08 Pelleting
9631	8/7/2009	People need a place to rinse and wash their new blue Westinghouse Go Green cups.	Install new sink by mircowaves in cafeteria	"Install sink with hot water heater, soap dispenser and towel dispenser next to the ice machine in the vending section of the cafeteria."	Vending area	Miscellaneous
9632	8/28/2009	New File Archive Storage servers are being installed in the computer room. Additional power is required for these.	Computer room 30 amp receptacles	"Install Redundant UPS 30 amp 208vac receptacles in the computer room."	Computer room	Miscellaneous

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9633	8/14/2009	The braided stainless hoses kink easily and may weaken in that location.	replace heat exchanger hoses	"Replace hoses on the calciner off-gas scrubber heat exchangers. These hoses are used to acid wash the heat exchanger. The current ones are braided stainless steel, and they will be replaced with the same rubber chemical hoses used on the Vx06 suction	calciner off-gas scrubber heat exchangers	ISA-03 ADU Conversion
9635	10/28/2009	This will allow the operators the ability to move it closer to them when in use or out of the way when not. It will also allow Techs easier access to the back of the monitors when a change is needed.	ADU Pellet Grinder Line Champs Monitor Replacement	"We will be replacing on ADU Grinder lines 1-5 our Champs system (monitors, keyboard, and stands) to a more ergonomic setup (Ergotron). Current CPU will remain. Devices mentioned are plug and play."	Pellet Grinder Line 3	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9636	11/11/2009	="The existing fan configuration is running at a very high rpm causing harmonics, vibrations, heat, and electrical problems. This new pulley configuration has been sized by New York Blower to slow the fan rpm's to a reasonable level, thus solving many mai	Pulley Replacement on FN-4403A/B	"Pulleys and belts will be replaced on Fans FN-4403A and FN-4403B with a non-adjustable pulley configuration. This will slow the fans to a reasonable rate to alleviate harmonics, vibrations, heat, and electrical problems seen on the new D&V Pellet inspec	FN-4403A/B	ISA-01 Plant Ventilation System
9640	10/27/2009	="The existing fan configuration is running at a very high rpm causing harmonics, vibrations, heat, and electrical problems. This new pulley configuration has been sized by New York Blower to slow the fan rpm's to a reasonable level, thus solving many mai	Pulley Replacement on FN-4404A/B	"Pulleys and belts will be replaced on Fans FN-4404A and FN-4404B with a non-adjustable pulley configuration. This will slow the fans to a reasonable rate to alleviate harmonics, vibrations, heat, and electrical problems seen on the new D&V Pellet inspec	FN-4404A/B	ISA-01 Plant Ventilation System

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9641	9/16/2009	"The existing fan configuration is running at a very high rpm causing harmonics, vibrations, heat, and electrical problems. This new pulley configuration has been sized by New York Blower to slow the fan rpm's to a reasonable level, thus solving many mai	Pulley Replacement on FN-4405A/B	"Pulleys and belts will be replaced on Fans FN-4405A and FN-4405B with a non-adjustable pulley configuration. This will slow the fans to a reasonable rate to alleviate harmonics, vibrations, heat, and electrical problems seen on the new D&V Pellet inspec	FN-4405A/B	ISA-01 Plant Ventilation System
9642	9/10/2009	"The existing fan configuration is running at a very high rpm causing harmonics, vibrations, heat, and electrical problems. This new pulley configuration has been sized by New York Blower to slow the fan rpm's to a reasonable level, thus solving many mai	Pulley Replacement on FN-4401A/B	"Pulleys and belts will be replaced on Fans FN-4401A and FN-4401B with a non-adjustable pulley configuration. This will slow the fans to a reasonable rate to alleviate harmonics, vibrations, heat, and electrical problems seen on the new D&V Pellet inspec	FN-4401A/B	ISA-01 Plant Ventilation System
9643	8/11/2009	The pan allows material to become trapped underneath it. The pan becomes a location for Fluoride salts to accumulate.	V-102 Pan Removal	"Remove pan located under hydrolysis column, V-102."	V-102	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9645	9/29/2009	Valves and piping changes are required to meet the ASME Section 1 Boiler and Pressure Code.	Install a "Stop NON-Return" valve on the Power Master Boiler	Install one Crane 3" 250# angle non-return valve, one Crane 3" 250# Gate Valve and a coded 6" x 3" spool piece on the Power Master Boiler. A free blow down will be fitted between these two new valves.	Boiler House #1	Grounds
9646	9/11/2009	This will allow the operators the ability to move it closer to them when in use or out of the way when not. It will also allow Techs easier access to the back of the monitors when a change is needed.	ADU Pellet Grinder Line 1 Champs Monitor Replacement	"We will be replacing on ADU Grinder lines 1-5 our Champs system (monitors, keyboard, and stands). Current CPU will remain. Devices mentioned are plug and play."	Pellet Grinder Line 1	ISA-08 Pelleting
9647	11/30/2009	This will allow the operators the ability to move it closer to them when in use or out of the way when not. It will also allow Techs easier access to the back of the monitors when a change is needed.	ADU Pellet Grinder Line 2 Champs Monitor Replacement	"We will be replacing on ADU Grinder lines 1-5 our Champs system (monitors, keyboard, and stands) to a more ergonomic setup (Ergotron). Current CPU will remain. Devices mentioned are plug and play."	Pellet Grinder Line 2	ISA-08 Pelleting

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9648	10/27/2009	This will allow the operators the ability to move it closer to them when in use or out of the way when not. It will also allow Techs easier access to the back of the monitors when a change is needed.	ADU Pellet Grinder Line 4 Champs Monitor Replacement	"We will be replacing on ADU Grinder lines 1-5 our Champs system (monitors, keyboard, and stands) to a more ergonomic setup (Ergotron). Current CPU will remain. Devices mentioned are plug and play."	Pellet Grinder Line 4	ISA-08 Pelleting
9649	9/22/2009	This will allow the operators the ability to move it closer to them when in use or out of the way when not. It will also allow Techs easier access to the back of the monitors when a change is needed.	ADU Pellet Grinder Line 5 Champs Monitor Replacement	"We will be replacing on ADU Grinder lines 1-5 our Champs system (monitors, keyboard, and stands) to a more ergonomic setup (Ergotron). Current CPU will remain. Devices mentioned are plug and play."	Pellet Grinder Line 5	ISA-08 Pelleting

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9650	8/6/2009	This is a safety measure to keep zirconium fines under water and not require technicians to contact zirconium during strainer cleaning.	Replace UCON Washer Strainer Element	"The UCON washer system is collecting a significant quantity of zirconium fines in the strainer element. Periodic cleaning is required; however the fines adhere tenaciously to the strainer and are difficult to remove. Mechanical cleaning is difficult, a	UCON strainer on washer system	ISA-17 Final Assembly
9651	8/28/2009	The inlet vane damper, which was recently installed on FN-1030B (CCF 09007), has created a "System Effect" within filter house FL-1030B. This could possibly cause the HEPA filter differential pressure gage to read higher than normal.	Relocate one differential pressure tap on filter house FL-1030B	Relocate one differential pressure tap on filter house FL-1030B from the south end of the filter house to the north end of the filter house. The tubing will be rerouted as necessary to accommodate the new tap location. This is a common tap supplying the p	Chemical Roof	ISA-01 Plant Ventilation System

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9652	8/28/2009	Anhydrous ammonia could get trapped between these two valves. The pipe could rupture due to the hydrostatic expansion of the anhydrous ammonia.	Install Hydrostatic Relief Valve on T-10 Outlet	"Install Rego SS8021J hydrostatic relief valve in between the two block valves on the discharge of T-10. This relief valve is specifically designed for this service"	T-10, Anhydrous Ammonia System	Grounds
9653	9/23/2009	To relocate valves on the steam lines to an accessible location.	Reroute Steam Lines in Still 1 Building	"This CCF will reroute the steam lines inside Still 1 building and replace the leaking valves with new ones."	URRS Outside / Still 1	Grounds
9656	9/17/2009	The current line is leaking at every threaded connection. Tubing will eliminate these leak points.	Modify Sodium Hydroxide Sample Line at DI Water	"Change the material type from stainless steel pipe to stainless steel tubing on the sodium hydroxide sample line at DI Water."	DI Water Building	Grounds
9657	9/3/2009	Provide means to connect new or temporary equipment to plant DI water supply without shutting down the plant.	Install isolation valves for DI water system	"Install new isolation valves in the DI water system city water supply and plant DI water supply lines to allow for connections of mobile or new equipment to the DI water system. Also allows for isolation of the DI water system"	DI water building	Grounds

Westinghouse Non-Proprietary Class 3

GCF Number	Approved	Justification	Title	Description	Location	ISA ID
9658	10/7/2009	Unit failed on Auto and is currently running in Manual. The unit is also an obsolete Westinghouse Accutrol 200.	FN7100 VFD Replacement	"We will be replacing the Variable Frequency Drive unit on Fan Unit 7100 with an ABB unit. Wiring changes will have to be made to accommodate the new unit."	IFBA Equipment Room FN7100	Grounds
9659	8/20/2009	Considate security offices	Relocate security offices	"Relocate security manager's office and Lieutenant's office to the current mail room. Turn current lieutenant office into station meeting room annex. Put mail and FedEx equipment in room with copier by CR101. Make closet under back stairs for copy pa	Front Hallway	Miscellaneous

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9660	9/4/2009	"Drain screens are required per the IFBA CSE. Until now, a removable screen has been used but has since degraded and creates opportunity for noncompliance when not in place. Modifications under this CCF enable us to address the concern of CAPS Commitme	IFBA Drain Screen Modifications	"Replace drain screen material from two sinks and the IFBA Hoods to with screen similar to that used for ERBIA CSE CCF 09316."	IFBA Chem Lab	ISA-18 Laboratories
9662	11/16/2009	The spacer plate will allow for the standard end of chamber switch to be used. Ref. CCF 07615 & CCF 08645 for similar modification to the 3B & 3C furnace, respectively.	End of Chamber Switch Spacer Plate	"Fabricate and install a spacer plate between the exit purge chamber and end of chamber switch on the sintering furnace."	ADU Pelleting \ 2A Sintering Furnace	ISA-08 Pelleting
9663	10/16/2009	Existing gauges have high failure rate due to vibration and mechanical shock. Capillary gauges will allow mechanical isolation from the process and eliminate this failure mode.	Install capillary seal pressure gauges	"Install capillary seal pressure gauges at scrubber pumps - Px11, Px31A/B in place of existing rigidly coupled chemical seal gauges."	Calciner scrubber pumps	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9664	8/18/2009	Experience has shown zirconium fines coat the prism of the photo-optic sensor, resulting in false indication of "tank full" conditions. Periodic cleaning of the sensor is undesirable due to it's elevation in the Wash Stall.	Replace photo-optic sensors on UCON Washer with Mechanical Float Switches	"Photo-optic sensors, while reliable, are subject to less than ideal performance if the liquid contains contaminants that coat the prism. This CCF will replace the photo-optic sensors with mechanical float switches."	UCON Wash System	ISA-17 Final Assembly
9667	9/17/2009	There was little documentation on what the settings were on the original pressure vacuum vents. These have been sized appropriately to allow the tank to breath without triggering the emergency vent settings.	Install Pressure Vacuum Vents on Fuel Oil Storage Tanks	"Install three (3) Protectoseal Model Number C8542H, 2 $\frac{1}{2}$ End of Line Pressure Vacuum Relief Vent. Pressure Set +0.75 oz/in ² and Vacuum Set $\frac{1}{2}$ 0.75 oz/in ² on T-16/17/18. Material of Construction is Ductile Iron with 316 Stainless Steel Internals and Teflon D	#2 Fuel Oil Storage Tanks	Grounds

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9670	8/20/2009	This section of pipe is severely corroded.	Mechanical Cooling Tower Pipe Replacement	The Mechanical Cooling Tower water pipe supplying the Oxide Coaters suffers from spot corrosion. The existing pipe is 4" schedule 40 roll groove carbon steel. The plan is to replace this section of corroded piping using 4" schedule 40 roll groove carbon	Mechanical Side	Grounds
9671	11/16/2009	To cover and seal off weld burn thru holes from where the transition from the entrance muffle to the shell was previously welded to the entrance end plate.	2A Sintering Furnace Modification	Weld a 1/4" thick carbon steel plate over the inside of the furnace shell entrance end plate. See attached file for proposed modification.	ADU Pelleting \ 2A Sintering Furnace	ISA-08 Pelleting
9673	12/10/2009	The Muffle furnaces are no longer required and occupying needed lab space. The area will be utilized for the Netzsch Thermal Analyzer	Erbia Muffle Furnace Removal	"Remove electrical service for three Muffle Furnaces FC-9314, FC-9315 and FC-9316. Transport FC-9314, FC-9314, and FC-9316 to URRS for demolition."	Erbia Analytical Lab	ISA-18 Laboratories

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9674	12/18/2009	"This thermal analysis device will be used for NRC issues related to use of Optimized Zirlo alloy for fuel cladding. Specifically, the thermal analysis device will be used to perform LOCA style tests on this material for regulatory issues. Additionally,	Install Netzsch Thermal Analyzer	"Install Netzsch Thermal Analysis used for testing zirlo alloy for fuel cladding, and to perform thermal analysis experiments on enriched uranium dioxide powder relevant to fuel pellet fabrication and performance. Provide utilities required for operati	Erbia Analytical Lab	ISA-18 Laboratories
9675	8/24/2009	The new photo eye will give better indication of when the rope spool is out. This is in response to CAPs 06-129-C001.08.	Install new rope cleaner bracket	"Tooling as modified a rope cleaner support (366F06EQ01) to fit a new photo eye sensor. This CCF is to install that bracket on Tube Prep line 9 for testing with a new photoeye sensor at a future date."	Tube prep line 9 rope end cleaner	Clean Side Rod Area

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9677	9/1/2009	1. A section of the OEM interior shell base plate is warped and damaged @ the heating element leads interior ceramic isolator mounts. The damaged section cannot be removed and replaced. Therefore, a new sheet metal section welded in place over the damaged	Line 3 Oxidation Oven Repairs/Modifications	1. Repair element bay. Overlay section of interior shell base plate with 11 Ga. SSDL sheet metal and seal/spot weld in place. Install sheet metal strips/angles to cover cracks/gaps in element bay access door frame. See attached file for hand sketch of pro	ADU Pelleting \ Line 3 Oxidation Oven	ISA-08 Pelleting
9678	8/28/2009	The existing back flow is obsolete and the piping is corroded.	Revamp City Water Pipe in Equipment Room #3	"Modify the city water piping which serves as a back up to the Mechanical Cooling Tower system. These changes will include replacement of an existing obsolete back flow preventer with a 3 inch Watts Reduced Pressure Backflow Preventer and revamping the p	Equipment room #3	Grounds

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9679	9/16/2009	The current floor presents tripping hazards, and is generally in bad shape.	resurface scrap cage floor	Contractors will grind down the floor in the scrap cage and then apply a new floor material. For airborne concerns, the area will be enclosed in plastic, Nilfisk vacuums and portable ventilation units will be used, and HP will monitor the area. The sa	scrap cage	ISA-11 Scrap Uranium Processing
9681	9/23/2009	"The length of loader #2 is being increased under CCF 09262. The extra loader length will not provide sufficient room between the west side of the loader and the east side of the skeleton shelf. This could pose a potential hazard to area personnel, therefore	Skeleton Storage Rack Modification	"Remove skeleton shelves in bay F-G/11-12 (currently 28 feet long) and replace with a 16 foot shelf."	Final Assembly	ISA-17 Final Assembly
9685	10/13/2009	Reduce likelihood of solenoid/actuator failure	Add air line filter to incinerator emergency city water valve	"Add air line filter to incinerator emergency city water valve (SV-S-942)"	Incinerator	ISA-13 Low Level Radioactive Waste Processing

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9686	10/13/2009	Improve safety of system	Add manual valve to add emergency cooling water to incinerator	"Add manual valve to allow operator to add emergency cooling water to incinerator if needed."	Incinerator	ISA-13 Low Level Radioactive Waste Processing
9687	9/16/2009	All rod transport carts are currently constructed of painted stainless steel tubing that is likely to flake off when scraped. This has caused FM issues on already-inspected pellets. A promise was made to our customers to eliminate the issue.	Stainless Steel Shrouding for ADU Rod Tube Transport Carts	"Install a hanging sheet of 16 gage 304 SS that covers the painted tubing found in Item 3 of 366F08EQ03."	ADU Rod Lines	ISA-10 ADU Rods
9689	9/17/2009	The equipment is no longer in service and operations would like to transform the room into usable storage space.	Decommission Equipment in Moly Decon Room	"Decommission Equipment in Moly Decon Room. This is the building inside the LLRW building."	Moly Decon Room in LLRW adjacent to Cylinder Recertification	ISA-13 Low Level Radioactive Waste Processing

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9699	9/2/2009	The speed reducer is obsolete and has a predicted failure via vibration analysis. Obtaining spare parts for an obsolete unit is either very difficult or impossible.	Line 1 Dust Collector Rotary Valve Drive Modifications	Procure a replacement drive motor and speed reducer for the Line 2 Dust Collector rotary valve. Make any necessary modifications to the chain guard to allow proper fit w/ new drive. Reference CCF 08510	Pellet Line 1 Dust Collector	ISA-01 Plant Ventilation System
9702	9/21/2009	The current pump has frequent seal failures. The AOD pump will be able to handle the material from the standpipe much better. The standpipe requires a pump that is used intermittently and an AOD better fits this application.	Replace Standpipe Pump, P-1057, with Air-Operated Diaphragm Pump	"The standpipe pump, P-1057, will be replaced with an air-operated diaphragm (AOD) pump. The AOD that will be used is the current AOD, P-357R, used to pump liquid into the standpipe. The piping will be modified as needed to accommodate the new arrangement	P-1057	ISA-11 Scrap Uranium Processing

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9706	9/25/2009	Customer witnessed mechanical lever jam, never making the limit switch. The if the unit was out of cleaner rope, it would've never send an empty signal to the PLC.	Photoeye for Rod Line 9 Tube End Cleaner	"We will be replacing on Rod Line 9, the mechanical limit switch that detects the cleaner rope for tube ends with a reliable fiber optic photoeye."	Rod Line #9 Bottom End Plugging	Components
9708	9/21/2009	Dedicated electrical services are required per the National Electrical Code. Existing circuits are not sufficient to attach cord and plug appliances.	Canteen Area for Downstairs Office Area	"Install electrical service to support refrigerator, coffee pot, and microwave in the downstairs office area for New Product and Process Development Department."	Downstairs Office Area	Grounds
9710	9/21/2009	Dedicated electrical service to prevent breaker trip.	Records Area Refrigerator	"Install electrical service for refrigerator in records area."	Second floor new expansion records area.	Grounds
9711	9/16/2009	The existing circuits providing power to this server rack will not support the new additional servers.	Receptacles in the computer room	"Add four 208vac 20 amp receptacle circuits in the computer room for additional servers that are to be installed during the October outage."	The computer room	Grounds

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9713	9/16/2009	SCR-000000, NPDES General Permit for storm water discharge does not allow for DI Water in our storm water system.	UT # 1 & # 2 Drain / Overflow Piping	<p>UT #1 and UT #2, in the QC Soft Rod Handling Area, are each equipped with a DI Water reservoir. The overflow and drain lines from each reservoir are piped into a floor drain, which is directly connected to the storm water system.</p> <p>SCR-000000, NPDES Genera</p>	OQ Rod Inspection	ISA-10 ADU Rods
9714	9/17/2009	Reference PRF-1000011 REV 0	Final Assembly PCN	"Install conduit and new cabinet with fiber optics and UPS power to copper switch to allow connection of Fianl Assembly computer and equipment to PCN network."	Final Assembly	ISA-17 Final Assembly

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9716	9/3/2009	"Venting this rough pump/oil trap through the plant air handling system is not necessary. If there were an oxidation event (U3O8) in Oven 3 or normal UO2 dust in Oven 3, those particles would be trapped in the roughing pump oil and not be exhausted into	Remove Oven 3 Roughing pump from vent system	"Currently the Oven 3 roughing pump vents through an air handling system pulling a vacuum on the pump & oil trap. This vacuum on the rough pump/oil trap can pull oil into the air handling system. Remove the vent side of the oil trap from the plant air	IFBA/Erbia	ISA-14 IFBA Processing
9717	9/4/2009	The instruments are the same with the exception of the extra 2" length. The instrument will be replaced when the 4" transmitter is received and an outage is planned.	Substitute Rosemount Level Transmitter for V-x19	The 4" level transmitter for the the V-x19 is not in stock. A 6" transmitter is in stock and will be used in its place. The measurement is the length the transmitter protrudes from the side of the vessel. All other aspects of the instruments are the sa	V-x19 tank	ISA-03 ADU Conversion
9718	10/7/2009	This interlock is required per CAPS issue 02-000725.	Install Electrode Guard Sensor on Line 8 Welder	"Install Electrode Guard Sensor on Line 8 Welder to prevent welding when guard is not in place"	Line 8	Clean Side Rod Area

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CGF Number	Approved	Justification	Title	Description	Location	ISA ID
9720	10/7/2009	This interlock is required per CAPS issue 02-000725.	Install Electrode Guard Sensor on Line 6 Top Welder	"Install Electrode Guard Sensor on Line 6 Top Welder to prevent welding when guard is not in place"	Line 6 Top	ISA-10 ADU Rods
9721	10/7/2009	This interlock is required per CAPS issue 02-000725.	Install Electrode Guard Sensor on Line 6 Bottom Welder	"Install Electrode Guard Sensor on Line 6 Bottom Welder to prevent welding when guard is not in place"	Line 6 Bottom	Clean Side Rod Area
9723	10/6/2009	This interlock is required per CAPS issue 02-000725.	Install Electrode Guard Sensor on WABA Insert Welder	"Install Electrode Guard Sensor on WABA Insert Welder to prevent welding when guard is not in place"	WABA Insert Station	Clean Side Rod Area
9725	12/3/2009	The automated valve will be used in a future SSC to prevent back-flow from the precipitator to the hydrolysis column and to prevent overfilling the precipitator. This valve is being installed to make line 1 functionally the same as line 5. A valve with	Install Automated Blocking Valve in x02 line to Precipitator	"Install an automated blocking valve in the U02F2 line from V-102 (Hydrolysis) to the V-105A&B (Precipitator). The Piping from V-102 will be redone to install the new valve and some re-arrangement will be required. This automated valve will be left in	ADU Line 1 by Hydrolysis Column	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9727	11/30/2009	The two manual valves being installed will allow isolation so only one precipitator can be operated at a time. The two existing manual valves will be converted to automatic valves. The automatic valves will be left open and made operational under another	Install Manual valves in Ammonia Line at Precipitator ADU Line 1	Install two manual isolation valves in the ammonia hydroxide line and convert existing manual valves to automated isolation valves. During the implementation of CCF 08-238, it was recognized that two manual valves had been deleted that are required. The	ADU Line 1 Precipitator	ISA-03 ADU Conversion
9728	10/26/2009	Gamma monitors are required as part of an NRC commitment for vehicles leaving the Controlled Access Area.	Gate 1 Gamma Monitor Installation	"Install Gamma Monitors at the exit of Gate 1"	Gate 1	Grounds
9729	9/12/2009	Possibility of oil getting to Filter house 7100	Disconnect Coater roughing pump line from plant ventilation	"Disconnect coater roughing pump/oil trap vent lines from plant ventilation system (See drawing 605FOOPI07)."	IFBA/FA1	ISA-14 IFBA Processing

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9730	10/2/2009	The current view port covers are very difficult to open or close. Since CSE requirements require more frequent inspections than before, replacing damaged covers is necessary.	Replace Viewport covers	"Replace damaged viewport covers on the ductwork for S-2a/2b and S-1008. There are a total of 7 to be replaced. The new covers will be the same style as the new viewports that were added as a 6/09 requirement, but these will be larger based on the size	S-2a/2b and S-1008 ductwork	ISA-01 Plant Ventilation System
9733	9/21/2009	This fence will serve as a location for hard hats, rain jackets, acid suits, and other items used in the area. The purpose is to give the operators a locations to store these items to improve housekeeping in the area.	Install fence in IFBA FA3 scrap area	Install a fence 12" from column 105F 10' long in the IFBA scrap area.	Column 105F in the IFBA scrap area	ISA-14 IFBA Processing
9736	10/13/2009	Worcester valve has long delivery lead time	Replace XV-S-942 with different manufacturer	"Replace currently installed XV-S-942 (manufacturer Worcester) with Jamesbury 7150 ball valve with VPVL actuator and integral solenoid. This valve is part of SSC INCIN-201."	Incinerator	ISA-13 Low Level Radioactive Waste Processing

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9737	9/17/2009	This pump can be used for offloading diesel into T-16/17/18. A check valve on the discharge of this pump will stop reverse flow from the tanks to the tanker connection when he disconnects the offloading hose.	Install Check Valve on Discharge of P-1A Desiel Refueling Pump	"Install Check Valve on Discharge of P-1A Desiel Refueling Pump"	Fuel Oil Storage	Grounds
9738	9/25/2009	Currently there is no Heating or adequate A/C. Some units only have window units.	Comfort Air for Tractor Building	"We will be installing Comfort Air in the Tractor building. Electrical svc. will need to be provided."	Tractor Shed	Grounds
9739	9/25/2009	Currently there are no more connections available for phone or computers. Belinda with Prime State has an office being setup and will need these services available.	Cat 5e installation for Tractor Building.	"We will be pulling in conduit underground from the emergency response building the tractor shed Cat5 cable for Prime State. There will be underground digging involved."	Tractor Shed	Grounds

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9740	10/7/2009	Items listed above are TPM (Total Productive Maintenance) Event Deficiency findings.	Rod Line 8 TPM Deficiencies	During the October 09 TPM Event, we will be: 1. Removing an unused junction box and conduit 2. Replacing the mechanical limit switch that detects the cleaner rope for tube ends with a reliable fiber optic photoeye. This will require a new rope cleaner bra	Rod Line 8 Bottom End Weigh System	Clean Side Rod Area
9742	10/7/2009	To clean up the cluttered piping in Still 1	Modification of Process Water Line in Still 1	"This CCF will reroute the process water line on the North wall of Still #1 building -- the shut off valve to the process water supply line will be relocated outside of the building, and the new line will tie into process water supply line outside of the	URRS Outside / Still #1	Grounds

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9743	12/8/2009	The gortubes keep breaking and are difficult to maintain. The new style will allow for changing one tube at a time without having to remove the entire cable carrier.	FA loaders cable track	"Replace the Gortube tube on the next final assembly loader to need a new one with a nylatrac carrier for evaluation"	the final assembly loaders	ISA-17 Final Assembly
9744	9/22/2009	This tracing is not required for operation. This is the only line with steam tracing on the nitrogen blowback tank. The removal would allow a significant amount of hazardous pipe to be removed.	CLN5 Nitrogen Blowback Heater Steam Trace Removal	"Disconnect steam tracing to nitrogen blowback tank. Remove steam and condensate pipe back to the main steam and condensate header."	CLN5	ISA-03 ADU Conversion
9745	9/29/2009	Labor savings for automatic deburring and consistency with grid weld fixture cleaning. Estimate annual savings labor, rework and improved grid welds (reduced scrap) at \$ 15,000 annually	Install Vibratory Deburr Machine	"Install electrical and mechanical for Vibratory Deburr Machine . Services include 208 VAC, 3 phase service for 3 hp motor and 120 VAC for a 1/8th hp motor. Air service with regulator and blow off hose. Mounting the machine to the floor. The vibrator de	Tool Room Inspection and Cleaning Area	Components

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9746	9/29/2009	This temporary air compressor will maintain 100 psi instrument quality air to our facility during our biennial power outage.	Diesel Powered Temporary Air Compressor	"Connect an oil free 1500 CFM diesel powered air compressor, with a desiccant dryer, to our plant air header. This air compressor operate October 5th during our plant power outage."	Outside of Dock #3	Grounds
9748	9/15/2009	The existing air compressor has suffered a catastrophic failure. The lead time on a replacement air end is ~ 4 weeks.	Air Sparge Soil Vapor Extraction System Air Compressor	"Connect a temporary air compressor to the Air Sparge and Soil Vapor Extraction (AS and SVE) System. This compressor will supply air at a flow of 125 CFM at 90 psi until the existing unit can be repaired or replaced."	Plant grounds, Ground water remediation system	Grounds
9749	11/11/2009	Allegiance area is cluttered and not easy to work in.	Remove fence next to Allegiance storage area	"Remove the fence between the Allegiance storage area and the technicians storage area to give Allegiance more room. Move the technicians stuff under the product storeroom mezzaine stairs."	Allegiance storage area	Clean Side Rod Area

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9752	10/14/2009	"In the event that city water is lost to the plant, the incinerator loses ~10 gallons/hour in evaporative losses. Upon loss of city water the incinerator automatically shuts down, but requires cooling for ~16 hours to reach a safe temperature. There is	Add cooling tower water as emergency backup to incinerator	"Add cooling tower water as emergency backup to incinerator."	Incinerator	ISA-13 Low Level Radioactive Waste Processing
9753	10/12/2009	The design of the sealing aspects of the Centriquip CQ1000 decanter is not satisfactory. An investigation into the best possible sealing method without modifying metal components of the machine is needed.	Decanter Seal Substitution	Allow the use of multiple sealing methods as a substitute for the factory provided design. This would approve multiple traditional sealing materials such as Nitrile, Viton, NBR, EPDM, ect., in common configurations such as round o-ring, square o-ring, qu	Conversion	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9754	10/12/2009	1. Per the cylinder and solenoid manufacturer, air lubrication is not required for cylinder and solenoid operation. This also alleviates the need to maintain lubricators that are not easily accessible. Dilapidated OEM regulator needs to be replaced. Filte	2A Furnace Piping & Pusher Modifications	1. Remove lubricators from door cylinder air supply lines. Replace OEM regulator with Norgren regulator(S/R # 35040). Add Norgren filter(S/R # 35143) to supply line. See attached Norgren documents for regulator/filter specifications. 2. Add pressure gage	ADU Pelleting \ 2A Sintering Furnace	ISA-08 Pelleting
9755	10/6/2009	Additional security cameras are being installed as part of a committment to the NRC.	Install Security Cameras	"Install security cameras to provide additional monitoring."	Chemical Area Docks and Tank Farm Area	Grounds
9757	10/6/2009	The valve will facilitate complete draining of the filter vessels.	FL-1016A/B Drain Valve	Install a drain valve in the FL-1016A/B discharge manifold. The valve will be installed on the 1/2" line used for the blowdown and located between the two isolation valves.	FL-1016	ISA-03 ADU Conversion

Westinghouse Non-Proprietary Class 3

CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9758	10/6/2009	Current drain lines are plugged and have caused units' drain pans to overflow onto Rods below. All three units' drain lines are tied in together and are corroded. Using PVC piping will prevent corrosion.	AC12,13,14 Drain Line Replacement	Replace AC12,13,14 drain lines (1-1/4" galvanize) with 1-1/2" sch 40 PVC piping.	Above ADU Rod Line	ISA-01 Plant Ventilation System
9760	9/22/2009	complaints	Remove part of bench in women's erbia change room	"Remove about 3 feet of bench and concrete in women's Erbia change room"	women's change room erbia	ISA-20 ERBIA
9762	12/11/2009	Current drain lines are plugged and could cause units' drain pans to overflow. Both units' drain lines are tied in together and are corroded. Using PVC piping will prevent corrosion and overflow of drain pan.	Replace AC11 & 15 Drain Lines	Replace AC11 & 15 drain lines (1-1/4" galvanize) with 1-1/2" sch 40 PVC piping.	AC11 & 15	Grounds

Westinghouse Non-Proprietary Class 3

CCF Number	Approved	Justification	Title	Description	Location	ISA ID
9763	10/1/2009	HATCH BWR rods are longer than currently manufactured BWR rods and the additional parts are required for manufacturing.	Additional position stops for capture tab head welder	"Add 8 additional blocks to the spacer capture tab welder in locations required for HATCH BWR rods. Also add a second bottom end stop for proper spacing of the tabs on the rod."	Between Oxide coater 2 and line 8	ISA-10 ADU Rods
9764	11/12/2009	The weight of the flange will be significantly reduced by installing a solid PVDF flange. This will improve the ergonomic concerns associated with the removal of the flange.	V102 Blind Flange Change	Replace the existing PVDF lined carbon steel 10" blind flange with a solid PVDF flange on the V102 column. The flange to be replaced is located directly across from the UF6 nozzles. This will also include a stainless steel plate to prevent damage of the	V102	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9766	11/19/2009	With HX-1160 currently out of service, the only means of heating the contents of T-1160B is manually via a 1/2" steam supply line. This project will replace the 1/2" steam supply line with a larger line to ensure adequate steam supply for heating this ta	Install Steam Injector on Waterglass Feed Storage Tank, T-1160B	Remove existing steam supply line to Waterglass Feed Storage Tank, T-1160B, and replace with new steam line from new steam supply header. The new steam line will feed a new steam injector installed inside, T-1160B. Install instrumentation required for a	Outside and South of the Waterglass Building in URRS	ISA-15 URRS Wastewater Treatment System
9767	12/10/2009	="The existing steam supply line to Waterglass Feed Storage Tank, T-1160A, is currently routed just above the concrete pad. This does not allow room for insulating this line and is also a potential tripping hazard. A new line will be taken off of a new	Replace Steam Line to Waterglass Feed Storage Tank, T-1160A	"Remove existing steam supply line to Waterglass Feed Storage Tank, T-1160A, and replace with new steam line from new steam supply header."	Outside and South of the Waterglass Building in URRS	ISA-15 URRS Wastewater Treatment System

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CCF Number	Approved	Justification	Title	Description	Location	ISA ID
9774	11/7/2009	Implementation of Disaster Recovery and Storage Consolidation	Redundant 30 Amp, 208 volt, Circuits for New EMC Cabinet	"Install Redundant 30 Amp, 208 volt, Circuits for New EMC Cabinet. The circuits will run from the electrical pannels in the HP Unix Lab to the EMC cabinet in the Computer Room."	Computer Room and HP Unix Lab	Grounds
9778	10/8/2009	The keyboard tray located on the B side of Line 5 D&V hood keeps getting broken due to pellet carts. This action will shield the keyboard tray.	Moving Line 5 Barricade	"Move the barricade located between the D&V hood and the tool crib 12 inches towards the team room."	Line 5 D&V Hood Barricade	ISA-12 IFBA Fuel Rod Manufacturing
9779	10/6/2009	The gate valve may take a long time to close when bleeding the system of excess air, which may lead to a leak/spill. The use of a ball valve allows for a faster response.	Add a Ball Valve to the High Point Vent on the Chilled Ammoniated Water System	"Add a Ball Valve to the High Point Vent on the Chilled Ammoniated Water System after the current gate valve."	Chilled ammoniated water line in the UF6 bay	Miscellaneous
9780	9/30/2009	Due to the proximity of the oven door, Lexan light ports can warp from heat escaping around the door gaskets. Other lines use safety glass at this location.	Line 3 Blue M Oxidation Oven Hood Modification	"Change light port from Lexan to safety glass."	ADU Pelleting \ Line 3 Oxidation	ISA-19 Hoods and Containment

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9781	10/20/2009	"Recent announcements were not heard in these areas. There is no speaker in the Men's change room smoking room, the speaker in the non smoking area is not loud enough. In Greg's fabrication shop, due to the noise level, people in the area were not aware	PA speaker in Erbia Changeroom	"Add a PA speaker in the Erbia Men's change room smoking area, increase the volume in the non smoking area of this change room. Also install a louder speaker in Greg's Construction Fabrication shop."	Erbia Men's Change room, and Greg's Const. shop	Grounds
9783	10/1/2009	This is a temporary fix until a new section of duct can be obtained.	Cracked S-1030 ductwork	"A PVC weld will be performed to repair the elbow on the S-1030 ductwork. The cracked piece on the side of the S-1030 duct work will first be wrapped in duct tape, and then wrapped in rubber. The rubber will be clamped down and sealed with RTV."	Near inspection port 155 between Conversion lines 1 and 2	ISA-01 Plant Ventilation System
9784	10/7/2009	This restroom has recently been remodeled.	Hand Dryer Install in IT Women's Restroom	"We will be installing in the women's restroom near IT, electrical service for a new hand dryer."	Women's restroom near IT	Grounds

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9785	10/9/2009	In its current configuration the Fitzmill flume does not properly align with the Fitzmill feed throat on the mill head. This misalignment increases the risk of improper sealing of the system. It also makes the system very difficult to assemble/disasse	CLN3 Mill Hopper Modification	Reduce the height of the rectangular Fitzmill hopper on conversion line three by 0.375" +/- 0.125" so that the Fitzmill flume properly aligns with the mill feed throat.	M310	ISA-03 ADU Conversion
9788	10/9/2009	This will reduce an background spikes.	Installing Optical Isolators on UT 2	"Test and modify PLC / DEC Computer interface on UT2."	Rod Inspection UT 2	ISA-10 ADU Rods
9790	10/12/2009	"Due to heat from the doors and deformation of the top of the hood, the safety glass failed(cracked). Applying the high temperature RTV around the perimeter of the stainless steel fixture will cover and seal the light port in the hood. This will be a tem	Line 3 Blue M Light Port Glass Removal	Remove safety glass added per CCF 09780 from hood light port in front of doors. Remove light from stainless steel fixture and seal perimeter of light fixture with high temperature RTV. The other light port safety glass, above the U308 sifter, will remai	ADU Pelleting \ Line 3 Oxidation	ISA-19 Hoods and Containment

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9793	10/15/2009	This method will repair the steam leak without having to shutdown all the plant steam users.	Still 1 Steam Leak Repair	Repair the steam leak on Still 1 by installing a full 3"x1" Tee Enclosure and inject to stop leak. Enclosure will be rated for 150 psig and be designed for pipe separation.	URRS Outside / Ammonia Distillation #1	Grounds
9796	11/7/2009	The former vacuum breaker has some brass components. Brass is not compatible with ammonia.	Replace vacuum breaker on HX-1179	"Replace vacuum breaker on HX-1179, the Ammonia Distillation System #2 Reboiler. The new vacuum breaker will be of all stainless steel construction."	Ammonia Distillation System #2	Grounds
9799	11/7/2009	Dedicated electrical services are required per the National Electrical Code. Existing circuits are not sufficient to attach cord and plug appliances.	Final Assembly Office Space Appliances	"Install electrical service for microwave, coffee pot and refrigerator."	Paul Mendelsohan's Office located on mezzanine adjacent to CR-300.	Grounds
9812	12/2/2009	Eliminates existing drop cord connection and provides sufficient outlets and power necessary for equipment on inspection table.	Add Power Receptacle behind Grid Laser 6	"Add two duplex receptacles fed from spare 20 Amp breaker in RP-18B. Receptacles will be located on wall behind existing inspection table."	Behind Grid Laser 6 on wall	Components

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9814	11/11/2009	Currently there is no cellular service in these areas. This will allow completion of the Verizon Wireless Project previously owned by PSE.	Verizon Wireless Service Install	We will be installing Verizon wireless service in the Mechanical Area, Trailers, and hallway outside Medical. No SSC's will affected by this installation. This is soely for the installation of Verizon's Cellular Svc.	Mechanical	Grounds
9820	12/10/2009	= "With heat exchanger, HX 1160, being removed from service, steam injection into the Waterglass Feed Storage Tanks will become the primary means for heating the tank contents. The size of the current steam lines supplying steam to the Waterglass Feed Sto	Replace Steam Header to Waterglass Building and to the Waterglass Feed Storage Tanks	Replace the 1" steam supply line that supplies steam to the Waterglass Building and to the Waterglass Feed Storage Tanks. The section of 1" line will be replaced with 2" line and the old smaller section of line removed.	Outside and South of the Waterglass Building in URRS	ISA-15 URRS Wastewater Treatment System

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9821	12/15/2009	"Some sections of the current Conversion Area Nitric Acid header piping do not meet the schedule 40 thickness specifications. Reliability Engineering personnel have determined that the piping is degraded to the point that leaks and personnel injury coul	Conversion Area Nitric Acid header replacement	"Out of specification/degraded/un safe Conversion Area Nitric Acid header piping will be replaced. This includes the Nitric Acid piping from the south wall in the UF6 bay going to the manifold at ADU line 5, the manifold at ADU line 5, piping to the Scra	ADU lines, Scrap Cage	ISA-03 ADU Conversion
9828	10/30/2009	This modification is needed to allow continued operation until a replacement cylinder is delivered and installed.	Dock 7 Scissor Lift	"Temporarily bypass one of the hydraulic cylinders on the scissor lift. The lift has a total of 6 cylinders and is rated for 10,000 lbs. One of the cylinders will be bypassed leaving 5 operational. The maximum load lifted by the scissor lift does not	Dock 7 Casket Conveyor	ISA-12 IFBA Fuel Rod Manufacturing
9829	11/6/2009	Support Conversion 5S team. This is a like kind replacement.	Install wire baskets inside desk	"The wooden shelves will be removed and repaced with wire baskets."	Inside Conversion backed desk	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9834	12/2/2009	<p>panel URP2-5AH-2 circuit 16 is 13.15 amps.</p> <p>panel URP2-5H-1. circuit 21 is 9.6 amps.</p> <p>If one of the circuits / UPS's go down, the other will trip and you will lose all power to this rack.</p> <p>I think you need to initiate a PRF and CCF to run (2) 30amp, 208</p>	Redundant 30 Amp, 208 volt, Circuits for New EMC Cabinet in HP Unix Lab	"Install (2) 30amp, 208vac circuits in the HP Unix Lab"	HP Unix Lab in the Computer Room	Grounds
9836	11/19/2009	To correct deficiencies identified to uphold ADUHOS-401. Jeff Hooper walked down the needed repairs with myself and approved the method of repair	Hot Oil Room Repair	"Seal identified hot oil room wall penetrations with GE Fire Stop Sealant. Properly support sprinkler system pipe that has fallen down. Make repairs to I-beam insulation using thinset cement. Insulate the I-beam in the North-West corner of the room."	Hot Oil Room	ISA-03 ADU Conversion

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9839	11/18/2009	Minor equipment modifications to accommodate new casket designs.	Miscellaneous Conveyor Modifications for Rod Caskets	<ol style="list-style-type: none"> 1. Move bracket on Casket Loading Table at Dock 9 to allow use of old or new style caskets. 2. Install net Casket Stop on conveyor at west wall, where tubes feed into IFBA, to accommodate new or old caskets. 3. Modify Casket staging table at Dock 7 to 	DOCK 7 AND DOCK 9	ISA-12 IFBA Fuel Rod Manufacturing
9841	11/17/2009	The tee is no longer used and presents a potential leak point. The piping is welded and contains multiple connections which makes maintenance difficult.	Modify Pipe from P-212A/B to FL-212A/B	"The piping from P-212A/B will be modified going to FL-212A/B. A tee that is blinded off will be eliminated from the piping and replaced with a straight section of piping. Flanges will be installed to facilitate installation and future maintenance acti	P-212A/B discharge	ISA-03 ADU Conversion

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CCF Number	Approved	Justification	Title	Description	Location	ISA ID
9843	12/11/2009	Need a place for the facilities Coordinator person.	Build a new office	"Build a new office in the mechanical side mechanics shop for the new Facilities Coordinator position. See attachment for size and location. Run power from RP-9CC circuit 21. Obtain HVAC from duct that runs above the area."	Mechanics shop	Clean Side Rod Area
9851	11/25/2009	Chain broke and hit operator	Transfer station chain	"Replace the chains on 17 transfer stations. The current chain is a dog style of unknown tensile strength that has broken in the past. The proposed chain is a #35 roller type with a tensile strength of 2,100 pounds."	Transfer stations	ISA-17 Final Assembly

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9855	11/24/2009	The 361F02EQ19, Item 1 thermocouples are new type thermocouples currently being used on the 1A and 2A furnaces. The 361F02EQ05, Item 25 thermocouples have been in use for many years on the 5A and 5B furnaces(except for length, they are identical to T/C's	ADU Sintering Furnace T/C Substitution	"Allow substitute of 361F02EQ05, Item 25 thermocouple and associated packing gland components for 361F02EQ19, Item 1 thermocouple and associated packing gland components."	ADU Pelleting \ Sintering Furnaces	ISA-08 Pelleting
9869	12/17/2009	This is a requirement to implement CSE-1-C and CSE-1-AN.	SSC addition to IFBA dry torit FL-801 (electrical)	"Add an audible alarm to the HIGH level probe in the DC-801 Torit."	DC-801 located outside of the IFBA scrap area	ISA-01 Plant Ventilation System
9875	12/8/2009	Current sensor is obsolete.	Granulator Polypak Weigh Station Sensor Replacement.	Replace 361F03EQ15, Item 32 Sensor with a Turk P/N Bi10U-G30-ADZ30X2-B3131 Sensor. See attached file for sensor specifications.	ADU Pelleting \ Granulation	ISA-08 Pelleting

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CCF-Number	Approved	Justification	Title	Description	Location	ISA ID
9879	12/17/2009	This is a requirement to implement CSE-1-C and CSE-1-AN.	SSC addition to IFBA dry torit FL-801 (mechanical)	Change the slot cutout in the polypak enclosure to be 2" tall by 10" wide located no more than 2" from the bottom of the enclosure.	DC-801 located outside of the IFBA scrap area	ISA-01 Plant Ventilation System