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7. Abstract <p>This study presents estimates of the solid radioactive waste quantities that will be generated in the Separations, Low-Level Waste Vitrification and High-Level Waste Vitrification facilities, collectively called the Tank Waste Remediation System Treatment Complex, over the life of these facilities. This study then considers previous estimates from other 200 Area generators and compares alternative methods of handling (segregation, packaging, assaying, shipping, etc.).</p> <p>This study was prepared by Fluor Daniel, Inc.</p>		

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Revision 0

SOLID WASTE HANDLING

May 1995

Prepared by Fluor Daniel, Inc.
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APPENDIX A - SEPARATIONS/LOW-LEVEL WASTE INVENTORY A-1

APPENDIX B - HIGH-LEVEL WASTE INVENTORY B-1

SOLID WASTE HANDLING

1.0 Objective

This study presents estimates of the solid radioactive waste quantities that will be generated in the Separations, Low-Level Waste (LLW) Vitrification and High-Level Waste (HLW) Vitrification facilities, collectively called the Tank Waste Remediation System (TWRS) Treatment Complex, over the life of these facilities. This study then considers previous estimates from other 200 Area generators and compares alternative methods of handling (segregation, packaging, assaying, shipping, etc.).

Comparison of these alternatives is essential to provide bases for selecting a facility configuration for handling solid waste in an economical and safe manner.

1.1 Background and Scope

The handling of solid waste can be accomplished within each of the TWRS facilities or at a common facility.

The major discriminators for the selection of the method of handling the solid waste are safety and cost.

The solid waste estimates are made from equipment lists Case 3B, HLW 20 T/D Stand Alone, and Case 4C, Combined Separations with LLW Treatment, Low Cs DF and High Source Term.

Section 4 within this report addresses the movement of equipment within the Separations/LLW and HLW Facilities.

A previous study, *Facility Design Philosophy Centralized vs. Dedicated Support Functions*, CWBS 2001, evaluated the merits of processing solid waste of each of the TWRS Treatment Complex facilities or at a common facility. It was determined that processing solid waste at each facility was most cost effective. This study evaluates the next step.

1.2 Purpose and Need

The solid waste generated in the Separations/LLW Facility and the HLW Facility can be processed (decontaminated, cut up, and packaged) within the two facilities or it can be moved to a separate common TWRS facility for processing.

This common solid waste handling facility will process all solid waste from the TWRS areas.

Before the conceptual design of the facilities can begin, a decision must be reached on the best systematic approach to the facilities configuration. The location of the solid waste facility has been identified as an item that could impact the facilities configuration. These alternatives must, therefore, be further defined and compared. There is a need to determine the volume of solid waste of each classification for storage and disposal planning. This study presents the results of this system definition, comparison, and estimating of the amount of solid waste.

2.0 Summary

The two alternatives for handling solid waste provide for acceptable methods of moving, decontamination, cut up, and packaging the equipment. Moving the equipment to a common facility for decon and packaging requires additional large containers and large container packaging and decon systems but eliminates some cut up and packaging equipment and both assay systems. The location of this common facility has not been determined in this study.

The total cumulative estimated weights of the various waste classifications for Separations/LLW and HLW Facilities are shown in Table 2-1.

Table 2-1. Estimated Solid Waste Produced During Operation of the Separations/LLW and HLW Facilities

Solid Waste Classification	Separations/LLW Facility		HLW Facility	
	Kilograms	55-Gallon Drums	Kilograms	55-Gallon Drums
Transuranic	0		510,000	2,249
Mixed Transuranic	0		0	0
Low Level Category 1	1,398,000	6,164	640,000	2,822
Mixed Low Level Category 1	1,860	410	3,400	750
Low Level Category 3	0		202,000	890
Mixed Low Level Category 3	0		230	51
Low Level Greater Than Waste Category 3	3,464,000	15,273	72,100	318
Mixed Low level Greater Than Waste Category 3	0		0	0
Totals	4,893,860	21,847	1,427,730	7,080

The total other TWRS solid waste is shown in Table 2-2 on the following page.

The solid waste produced in the Separations/LLW and HLW Facilities amount to 1½ percent of the total produced at TWRS.

Table 2-2. Solid Waste Generated at Other TWRS Facilities* (Sheet 1 of 2)**Waste Tank Safety and Operations Volumes (55-gallon drums)**

Generator	TRU/TRU Mixed Waste	Low Level Mixed Waste	Low-Level Waste
200 East Tank Farms	0	8,668	77,370
Lead	0	0	0
Long-Length Equipment	0	35,139	0
Project W-030, Tank Farm Ventilation Upgrade	0	0	96
Project W-058, Tank Farm Cross-Site Transfer Line	0	0	53
Project W-153, TRUEX Pilot Plant	5	5	1,264
Waste Tank Safety and Operations TOTAL	0	43,812	78,783

Table 2-2. Solid Waste Generated at Other TWRS Facilities* (Sheet 2 of 2)**Tank Waste Disposal Volumes (55-gallon drums)**

Generator	TRU/TRU Mixed Waste	Low Level Mixed Waste	Low-Level Waste
Project W-151, SH Tank Farm 101-AZ Shielding	476	0	0
Project W-151, Tank 101-AZ Retrieval	139	0	856
Double-Shell Tank Waste Pilot Scale Retrieval	4,413	0	2,572
Double-Shell Tank Process Tests	269	0	524
Single-Shell Tank Retrieval	0	141,139	473,370
Double-Shell Tank Waste Retrieval	4,707	6,077	0
Contaminated Soil Under Single-Shell Tanks	0	480,769	0
Single-Shell Tanks and Ancillary Equipment	0	695,019	0
Tank Waste Disposal TOTAL	10,004	1,323,004	477,322

* Reference: WHC-SD-WM-RPT-060, Rev. 0, *Solid Waste Program Technical Baseline Description*.

3.0 Technical Findings and Conclusions

The two alternatives studied for this report allow the handling of solid waste from removal of the equipment through packaging in 55-gallon drums ready for storage or burial.

Solid waste handling within each facility offers more advantages over a single common facility in that less additional solid waste is created during handling of the solid waste and the solid waste is handled fewer times.

4.0 Description of Alternatives

The description of handling the solid waste in this report is based on the layouts and equipment lists of the following cases:

- Case 3B, Stand Alone HLW
- Case 4C, Separations/LLW.

Other cases of Stand Alone Separation, Low Level Stand Alone, High Level, and various combinations of the three, will have similar equipment with similar flow of solid waste within each facility.

The removal pathway for solid waste generated in the facilities depends on the area of generation, radiation level, and waste classification. Equipment failure, equipment maintenance, equipment removal at the completion of vitrification, and analytical sampling and testing will account for the majority of solid waste. Implementation of a waste minimization plan will reduce the volume of waste or reduce its activity for classification into a lower waste class. For example, a failed piece of equipment can be drained and flushed in place to remove as much residual radioactive contamination as possible, then can be mechanically reduced in size, further decontamination, and then its components separated into waste classes such as TRU waste, LLW, or recycled when possible. Appendix A contains the inventory of waste types and quantities to be generated in the Separations/LLW facility and Appendix B contains the inventory of waste types and quantities to be generated in the HLW facility.

The definitions for the waste classification Solid TRU Waste and LLW Categories 1, 3 and greater than 3, as used in this report, are defined in WHC-EP-0063-4, *Hanford Site Solid Waste Acceptance Criteria*.

For purposes of this study, general removal pathways have been divided into two categories based on radiation exposure levels. Radiation exposure levels greater than 100 mrem/h must be considered to be remote handled (RH), while radiation exposure levels less than 100 mrem/h are considered to be contact handled (CH). Operations

requiring plant design consideration (e.g., segregation, packaging, assaying, storage) are discussed below. The purpose of waste removal pathways is to identify the sequence of operations to be performed when solid wastes are generated.

The movement of solid waste through the facilities will be similar for both concepts (within each facility or a common facility) until it reaches the cut-up cells or packaging cells as discussed in Sections 4.1 and 4.2. Within the HLW facilities, the Melter Cell (MC), Centrifuge/Evaporator Cell (C/EC), Canister Cooling Cell (CCC), Melter Cut-up Cell (MCUC), Remote Cut-up and Decon Cell (RCDC), Canister Fill Station, Canister Weld Station, Canister Decon Station, and Canister Load Station have the greatest potential for generating TRU waste based on exposure to operating media. Waste generated in these areas will be handled remotely. Waste originating in the Canister Smear Test Station and RCDC Crane Maintenance Area could require remote handling or contact handling.

Waste generated in the following areas will be CH: Overpack Weld Station, Overpack Smear Test Station, Overpack Decon Station, and Contact Filter Room.

Within the Separation/LLW Facility, the Ion Exchange, Separation, Offgas, Cullet Processing Cell, Melter Cell, Melter Cut-up Cell, and Remote Cut-up and Decon Cell are the areas where most of the remote handled waste will be produced.

Waste generated in the Contact Maintenance Area (CMA), Contact Filter Room, and equipment transfer area will be CH.

4.1 Handling Solid Waste Within Each Facility

4.1.1 High-Level Waste Facility

In general, solid waste being removed from areas within the HLW Facility will flow and be handled with equipment as shown on the Block Flow Diagram, Figure 4.1.1-1.

The HLW melter will be moved to the MCUC on the melter cart which is part of the melter frame. In the MCUC, the HLW melter will be cut into pieces which can be placed in 55-gallon drums or other convenient sizes for moving to the RCDC.

All equipment (including the cut-up melter) which must be remote handled will be moved to the RCDC for aggressive decontamination, size reduction, and waste stream segregation.

Figure 4.1.1-1.

FIGURE 4.1.1-1
SOLID WASTE
BLOCK FLOW DIAGRAM
HIGH LEVEL WASTE FACILITY

Waste that has a radiation level below 100 mrem/h will be transferred from the RCDC to the CMA. This transfer will be made using the RCDC crane by placing the waste on a cart in the air lock between the RCDC and the CMA. The cart will be used to move the waste to the CMA.

In the RCDC is the remote waste packaging station where drums and crates will be filled. This packaging station will have a weigh scale for determining the tare and contents weight of the containers. After filling the containers and placing the lids on them, the exterior surfaces of the containers must be smeared. The smear sample will be placed into a pneumatic transfer system and transferred to a smear station glove box. The smear sample will be counted. Containers which have smearable surface contamination above allowable levels will be decontaminated and the smear test repeated until acceptable limits are met.

The waste container will then be moved from the packaging to the assay station. After assaying, the containers will be moved to the Remote Waste Storage Area until sufficient shipping volume has been accumulated.

Contact handled waste which has been moved to the Contact Maintenance Cell will be decontaminated, reduced in size, as necessary, and waste streams segregated. From the Contact Maintenance Cell, the CH waste will be moved to the Contact Waste Packaging Station where it will be packaged, weighed, smear sampled, and stored until sufficient shipping volume has been accumulated.

4.1.2 Separations/LLW Facility

Solid waste within the Separations/LLW Facility will flow as shown in on the Block Flow Diagram, Figure 4.1.2-1.

In general, solid waste being removed from areas within the Separations/LLW Facility will be handled with the equipment as shown on the Block Flow Diagram, Figure 4.1.2-1.

The LLW melter will be moved to the MCUC on the melter cart which is part of the melter frame. In the MCUC, the LLW melter will be cut into pieces which will fit in 55-gallon drums or other convenient sizes and which will fit on the conveyor running to the RCDC. All equipment (including the cut-up melter) which must be remote and contact handled must be moved to the RCDC.

FIGURE 4.1.2-1
SOLID WASTE
BLOCK FLOW DIAGRAM
SEPARATIONS & LOW LEVEL WASTE
FACILITY

Waste that has a radiation level below 100 mrem/h will be transferred from the RCDC to the CMA. This transfer will be made using the RCDC crane, the cart operating between the RCDC and an air lock, and a hand cart to move it from the air lock to the CMA. In the RCDC is the remote waste packaging station where the waste will be handled similar to that in the HLW Facility discussed in Section 4.1.1. The CH waste which has been moved to the CMA will be handled similar to that in the HLW Facility discussed in Section 4.1.1.

4.2 Handling Solid Waste at a Common Facility

4.2.1 Common Solid Waste Handling Facility

This CSWHF will handle waste from all TWRS solid waste generators. This waste is projected to be 1,962,000 drums (55-gallon). These generators are shown in Table 2-2. Of this volume 29,000 drums (55-gallon) will come from Separations/LLW and HLW facilities.

This CSWHF will require many of the elements discussed in WHC-SD-WM-RPT-060, *Solid Waste Program Technical Baseline Description*, Revision 0, except on a smaller scale. These will include, but not be limited to the following:

- Remote Handling and Large Container Waste Processing (for both TRU and LLW) Area.
- Waste Staging and Storage Area.
- Mixed Waste Stabilization Area.
- Contact Handling Drain TRU Waste Processing area.

Within the above facilities will be the following areas and equipment.

- Transfer Containers - These containers will be used to move equipment from the Separations/LLW and HLW Facilities to the CSWHF. Some of these containers will be very large and require shielding.
- RRW - This area will be required to receive equipment, remove equipment from transfer containers, and decon transfer containers and railroad cars.
- RRW Crane - Large crane (100-150 MT) for unloading equipment from containers.
- Air Lock - This air lock will be used to transfer equipment from the RRW to the RCDC.
- Rail Transfer Cart - This cart will be used to transfer equipment from the air lock to the RCDC.

- RCDC - This area will be the major working area of the CSWHF.
- RCDC Crane - This will be a large crane for handling equipment before and after disassembly and cut up.
- Cut Up and Disassembly Equipment - This equipment will include but not be limited to such things as shearing machines, plasma arc cutting units, circular/pipe/jig/reciprocating saws, and swivel racks.
- Decontamination Equipment - This equipment will include, but not be limited to such things as soak tanks, dry ice blasting, and steam and spray lances.
- Remote Handling and Packaging Station
- CH and Packaging Station
- Remote Waste Assay Station
- Contact Cut-Up & Decon Cell (CCDC)
- Contact Waste Assay Station
- Air Lock - This air lock will be used to transfer items between the RCDC and the CCDC.
- Rail Transfer Cart - This cart will be used to transfer items between the RCDC and the CCDC.
- Crane Maintenance Area for the RCDC Crane.

This CSWHF could be at a new facility constructed specifically for handling solid waste or at an existing refurbished facility such as T-Plant.

At the time of writing this report, there are no provisions for remote handling of equipment or plans to handle TRU waste at T-Plant.

T-Plant has the following basic equipment for a centralized solid waste handling facility:

- Large Crane - Designed for 100 tons, presently rated for 40 tons.
- Rail siding entering the canyon.
- Shielding walls.

4.2.2 High-Level Waste Facility

Solid waste handling within the HLW Facility where cut up stream segregation and major decontamination would be at a common facility will flow as shown on the Block Flow Diagram, Figure 4.2.2-1. In general, solid waste will be removed from areas within the HLW Facility and will be handled with equipment as shown on the Block Flow Diagram, Figure 4.2.2-1.

The HLW melter will be moved to the Remote Maintenance and Decon Cell (RMDC) where some decontamination and disassembly will be accomplished. The decontamination will remove loose material from the melter to reduce the spread of contamination. Some disassembly of the melter will be accomplished to reduce the size.

No layout of a HLW Facility where solid waste decon stream segregation and packaging will occur in a separate facility has been made. The changes that would occur to the existing layout of the HLW Facility are removal of the following areas:

- MCUC
- Drum and crate filling station (in the RCDC)
- Assay station
- Remote waste storage
- Contact waste packing station.

All solid waste removed from the HLW Facility would pass through the RMDC except for some CH waste which would be moved to the railroad well (RRW). From the RRW it would be moved to the Common Solid Waste Handling Facility (CSWHF). Some decon of all equipment would occur in the RMDC before moving the equipment to the RRW. In the RRW, the equipment would be placed in a container for movement to the CSWHF.

4.2.3 Separations/LLW Facility

Solid waste within the Separations/LLW Facility will flow as shown on the Block Flow Diagram, Figure 4.2.3-1. In general, solid waste being removed from areas within the Separation/LLW Facility will be handled with equipment as shown in Block Flow Diagram, Figure 4.2.3-1. The LLW melter will be moved to RMDC on the melter cart where some decontamination and disassembly will be done.

Figure 4.2.2-1

FIGURE 4.2.2-1
SOLID WASTE
BLOCK FLOW DIAGRAM
HLW FACILITY WITH
COMMON SOLID WASTE FACILITY

Figure 4.2.3-1

FIGURE 4.2.3-1
SOLID WASTE
BLOCK FLOW DIAGRAM
SEPARATIONS & LOW LEVEL WASTE
FACILITY WITH
COMMON SOLID WASTE FACILITY

No layout of the Separations/LLW Facility in which solid waste decon, stream segregation, and packaging would occur in a separate facility, has been completed. The changes that would occur to the existing layout of the Separations/LLW Facility are removal of the following areas:

- MCUC
- Drum and crate filling station (in the RCDC)
- Assay Station
- Remote waste storage
- Contact waste packaging and storage area.

All solid waste removed from the Separations/LLW Facility would pass through the RMDC except some CH waste which would be moved to the RRW. From the RRW it would be moved to the CSWHF. Some decon of all equipment would occur in the RMDC before moving the equipment to the RRW. In the RRW, the equipment would be placed in containers for movement to the CSWHF.

5.0 Discussion of Alternatives

5.1 Function and Requirements

The function and requirements for the two methods of handling the solid waste are the same and that is to meet the requirements of WHC-EP-0063-4, *Hanford Site Solid Waste Acceptance Criteria*, during operation.

- Comply with all applicable transportation requirements.
- Prepare each radioactive package to comply with packaging requirements in WHC-EP-0063-4, the approved Storage/Disposal Approval Record (SDAR), and any applicable state and federal regulations.
- Minimize the volume and level of radiation in or from solid radioactive waste to the degree economically and technically practicable. This shall be accomplished by source reduction techniques and recycling.
- Minimize contamination of solid radioactive waste with hazardous constituents to the degree economically and technically practicable.
- Develop and implement an auditable waste reduction program to emphasize waste minimization and to prevent the generation of unnecessary waste.
- Segregate to the maximum extent feasible, TRU wastes, LLW, RMW, chemically incompatible wastes, and uncontaminated wastes to facilitate cost effective treatment, storage, and disposal.
- Characterize waste streams with sufficient accuracy to permit proper documentation of types and quantities of radionuclides, hazardous constituents, and physical and chemical characteristics.
- Provide a Solid Waste Storage/Disposal Record (SWSDR) and waste inventory sheet for each waste container.
- Manage radioactive waste in accordance with an approved waste certification plan.

The melters will be the most difficult pieces of equipment to disassemble, cut up, and decontaminate. The melters are refractory lined, large, and heavy. During use, the refractory will crack allowing molten glass to flow into the cracks where it will solidify. Even with purging of the melter with non-radioactive glass, it will be difficult to impossible to remove all of the high-level glass from the melter.

A big problem with the melter will be if failure occurs and the glass can not be drained. The glass should be segregated from other waste so that it can be recycled back into the product. This could be done with out-of-specification recycled product.

Waste would be packaged into 55-gallon drums or Standard Waste Boxes (SWB), depending on size reduction potential. However, every attempt will be made to package waste into 55-gallon drums because waste packaged in any other containers will limit TRU assay of waste. With the proposed cut-up equipment located in the cut-up areas, all process equipment should be capable of being reduced in size to fit into 55-gallon drums.

5.1.1 Handling Solid Waste Within Each Facility

The advantages of handling solid waste within each facility are:

- Solid waste will be handled fewer times.
- Glass remaining in a removed melter can be recycled into the product without handling outside the vitrification building.
- After the closure of the facilities, the cut-up and decontaminated areas can be used for decontamination and decommissioning (D&D).
- No large shielding/transport containers for large equipment will be required. This equipment must be decontaminated and smeared externally upon each transfer to and from the common facility.

5.1.2 Handling Solid Waste At A Common Facility

- No interference within a cut-up and decon area with maintenance of process equipment.
- No spread of contamination from the cut-up operations to process equipment within a maintenance, decon, and cut-up cell.

5.2 Assumptions and Uncertainties

5.2.1 Assumptions

- All solid waste will be packaged in accordance the WHC-EP-0063-4.
- Solid waste will be packaged in 55-gallon drums when possible. There will be a capability of using other containers in those cases where it may not be possible to reduce the size of an item to fit in a 55-gallon drum.
- The glass in a failed melter can be segregated from other solid waste and that the glass can be recycled in the product recycle system.
- A melter container can be built that will safely transport a failed melter from the HLW or LLW facilities to the CSWHF.

- The melter and other large equipment containers can be loaded, externally decontaminated, and smeared in the RRW.
- With solid waste being packaged in Separations/LLW and HLW facilities, an additional TWRS solid waste facility will be required for other TWRS solid waste areas.

5.2.2 Uncertainties

- Ability to segregate glass from refractories for recycle of glass during cut up and disassembly of a melter.
- The effect on the operating melter of small pieces of refractory mixed in with recycled glass.

5.3 Summary

5.3.1 Process Flow Sheets/Facility Design Impacts

- 5.3.1.1 Handling Solid Waste Within Each Facility - Requires more space and equipment within the vitrification building.
- 5.3.1.2 Handling Solid Waste In Common Facility - Requires an additional facility with all of its services (cranes, ventilation, breathing air, etc.).

5.3.2 Operability Complexity

Handling solid waste at a common facility is a little more complex in that the equipment must be removed from a vitrification facility and placed in a transfer container.

5.3.3 Maintainability

None.

5.3.4 Maturity of Technology

None.

5.3.5 Schedule Impacts

The requirement for an additional CSWHF should have no impact on the schedule of the Separations/LLW and HLW facilities provided the CSWHF is started at the same time as the Separations/LLW Facility.

5.3.6 Regulatory Impacts

There will be little overall regulatory impacts on the TWRS for the two methods. The reason for this is that the CSWHF will require three operating permits. One for Separations/ LLW, one for HLW, and one for the CSWHF.

Waste handling in each facility will also require three operating permits; one for Separations/LLW, one for HLW, one for HLW, and one for other TWRS facilities.

5.3.7 Safety

The only safety concerns between the two methods is in transferring the equipment from the vitrification to the common facility. It is assumed that this can be accomplished safely.

5.3.8 Costs

Handling solid waste within the two vitrification facilities and one other facility for other TWRS waste vs. a single common TWRS facility has the following effects on cost:

- Total square footage of buildings is about the same for the two options.
- Handling solid waste within the two vitrification facilities will not require large containers and rail cars to move equipment between facilities and fewer personnel will be required because the solid waste is not required to be handled as often.

APPENDIX A

SEPARATIONS/LOW-LEVEL WASTE INVENTORY

WHC-SD-WM-TI-705

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ABREVIATIONS
EQUIPMENT IDENTIFICATION CODE

B = STORAGE BIN
CC = TRANSFER CART
CN = CRANE
DE = DEMISTER
DY = DRYER
E = HEATER, CRACKER
EB = CHAMBER, INCINERATOR
EC = CONDENSER, CHILLER, COOLER
EM = MELTER
EV = EVAPORATOR OR CONCENTRATOR
F = FILTER, FRIT FILTER, SCRUB FILTER
FC = CYCLONE FILTER
FH = HEPA FILTER
FM = METAL HEPA FILTER
FP = PREFILTER, METAL PREFILTER

FS = SCREEN
G = CENTRIFUGE
HD = DEVICE
LT = IN-CELL LIGHT
M = ROTARY STAR FEEDER
MB = BLOWER
MC = ROLL CRUSHER
MF = FEEDERS
MM = MIXERS
MQ = QUENCH FLUME
MS = MASTER-SLAVE MANIP
MY = INSPECTION EQUIPMENT
P = PUMPS
R = ABSORBER, REACTOR, REGENERATOR, REDUCER
RA = MOTORIZED HATCH

RE = RADIATION COUNTER
S = SEPARATOR (VAPOR/LIQUID)
SC = SCRUBBER
SD = SHIELD DOOR
SR = STORAGE RACK
SZ = WINDOW
T = TOWERS
TE = TEMPERATURE PROBE
TK = TANKS
TR = TRAP
TU = TURNABLE
TV = CCTV
WB = TABLE
WE = WELDING EQUIPMENT
XE = PNEUMATIC TRANSFER EQUIP

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EQUIPMENT LIST
CASE 4C, MODIFIED FOR SOLID WASTE STUDY
CWBS 2017

DESC	EQID	SYS	EQUIPNO	LOCATION	MTBR	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
LLW EVAPORATOR FEED TANK	TK	400	4	P&OG-2	5110	23500	21150	0	0	0	0	23500	23500
PUMP	P	401	4	P&OG-2	1825	2000	1000	0	0	0	0	1990	5572
LLW Feed Evaporator	EV	402	4	P&OG-2	5110	200000	200000	0	0	0	0	200000	200000
CONDENSER	EC	403	4	P&OG-2	5110	15000	15000	0	0	0	0	15000	15000
LLW Melter Feed Adjustment Tan	TK	404A	4	CPC-7	5110	23500	21150	0	0	0	0	0	0
LLW Melter Feed Adjustment Tan	TK	404B	4	CPC-6	5110	23500	21150	0	0	0	0	0	0
LLW Melter Feed Adjustment Tan	TK	404C	4	CPC-6	5110	23500	21150	0	0	0	0	0	0
LLW Melter Feed Adjustment Tan	TK	404D	4	CPC-6	5110	23500	21150	0	0	0	0	0	0
Pump	P	405A	4	CPC-7	1825	2000	1000	0	0	0	0	990	2772
Pump	P	405B	4	CPC-7	1825	2000	1000	0	0	0	0	990	2772
Pump	P	405C	4	CPC-6	1825	2000	1000	0	0	0	0	990	2772
Pump	P	405D	4	CPC-6	1825	2000	1000	0	0	0	0	990	2772
LLW Melter Feed Tank	TK	406A	4	CPC-7	5110	23500	21150	0	0	0	0	0	0
LLW Melter Feed Tank	TK	406B	4	CPC-7	5110	23500	21150	0	0	0	0	0	0
LLW Melter Feed Tank	TK	406C	4	CPC-6	5110	23500	21150	0	0	0	0	0	0
LLW Melter Feed Tank	TK	406D	4	CPC-6	5110	23500	21150	0	0	0	0	0	0
Pump	P	407A	4	CPC-7	1825	2000	1000	0	0	0	0	990	2772
Pump	P	407B	4	CPC-7	1825	2000	1000	0	0	0	0	990	2772
Pump	P	407C	4	CPC-6	1825	2000	1000	0	0	0	0	990	2772
Pump	P	407D	4	CPC-6	1825	2000	1000	0	0	0	0	990	2772
HEAD BIN	B	408A	4	CDT	5110	3100	0	0	0	0	0	0	0
HEAD BIN	B	408B	4	CDT	5110	3100	0	0	0	0	0	0	0
ROTARY STAR FEEDER	M	409A	4	CDT	365	300	0	0	0	0	0	0	0
ROTARY STAR FEEDER	M	409B	4	CDT	365	300	0	0	0	0	0	0	0
Weigh Feeder	MF	410A	4	CDT	730	1500	0	0	0	0	0	0	0
Weigh Feeder	MF	410B	4	CDT	730	1500	0	0	0	0	0	0	0
ROTARY STAR FEEDER	M	411A	4	CDT	365	300	0	0	0	0	0	0	0
ROTARY STAR FEEDER	M	411B	4	CDT	365	300	0	0	0	0	0	0	0
LLW Melter	EM	412A	4	MC-1	923	245000	245000	0	0	0	0	0	0
LLW Melter	EM	412B	4	MC-2	923	245000	245000	0	0	0	0	0	0
Glass Separator	S	413A	4	MC-1	923	250000	250000	0	0	0	0	0	0
Glass Separator	S	413B	4	MC-2	923	250000	250000	0	0	0	0	0	0
Quench Flume	MQ	414A	4	MC-1	5110	1700	1700	0	0	0	0	0	0
Quench Flume	MQ	414B	4	MC-2	5110	1700	1700	0	0	0	0	0	0
Roll Crusher	MC	415A	4	MC-1	730	650	400	0	0	0	0	250	1750
Roll Crusher	MC	415B	4	MC-2	730	650	400	0	0	0	0	250	1750
LLW CULLET CATCH TANK	TK	416A	4	MC-1	5110	17750	16000	0	0	0	0	1750	1750

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DESC	EQID	SYS	EQUIPNO	LOCATION	MTBR	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
LLW CULLET CATCH TANK	TK	416B	4	MC-1	5110	17750	64000	0	0	0	0	1750	1750
CONDENSER	EC	417A	4	MC-1	5110	2500	1250	0	0	0	0	1250	1250
CONDENSER	EC	417B	4	MC-1	5110	2500	1250	0	0	0	0	1250	1250
PUMP	P	418A	4	MC-1	1825	2000	1000	0	0	0	0	990	2772
PUMP	P	418B	4	MC-2	1825	2000	1000	0	0	0	0	990	2772
COOLER	EC	419A	4	P&OG-1	537	4500	2250	0	0	0	0	2250	21411
COOLER	EC	419B	4	P&OG-2	537	4500	2250	0	0	0	0	2250	21411
PUMP	P	420A	4	P&OG-1	1825	2000	1000	0	0	0	0	990	2772
PUMP	P	420B	4	P&OG-2	1825	2000	1000	0	0	0	0	990	2772
LLW QUENCH WATER RECYCLE TANK	TK	421A	4	P&OC-1	5110	17750	16000	0	0	0	0	1750	1750
LLW QUENCH WATER RECYCLE TANK	TK	421B	4	P&OC-2	5110	17750	16000	0	0	0	0	1750	1750
Screen	FS	422A	4	CP-1	2555	3530	1765	0	0	0	0	1765	3530
Screen	FS	422B	4	CP-2	2555	3530	1765	0	0	0	0	1765	3530
PUMP	P	423A	4	CP-1	1825	2000	1000	0	0	0	0	990	2772
PUMP	P	423B	4	CP-2	1825	2000	1000	0	0	0	0	990	2772
PUMP	P	424A	4	P&OG-1	1825	2000	1000	0	0	0	0	990	2772
PUMP	P	424B	4	P&OG-2	1825	2000	1000	0	0	0	0	990	2772
PUMP	P	425A	4	P&OG-1	1825	1000	500	0	0	0	0	490	1372
PUMP	P	425B	4	P&OG-1	1825	1000	500	0	0	0	0	490	1372
LLW FILTER CATCH TANK	TK	426A	4	P&OG-1	5110	17750	16000	0	0	0	0	17750	17750
LLW FILTER CATCH TANK	TK	426B	4	P&OG-2	5110	17750	16000	0	0	0	0	17750	17750
LLW Cullet Day Lag Storage	B	427A	4	CP-1	5110	31000	28000	0	0	0	0	31000	31000
LLW Cullet Day Lag Storage	B	427B	4	CP-2	5110	31000	28000	0	0	0	0	31000	31000
CONDENSER	EC	428A	4	CP-1	5110	17000	8500	0	0	0	0	8500	8500
CONDENSER	EC	428B	4	CP-2	5110	17000	8500	0	0	0	0	8500	8500
LLW CONDENSATE CATCH TANK	TK	429A	4	P&OG-1	5110	9500	8500	0	0	0	0	9500	9500
PUMP	P	430A	4	P&OG-1	1825	2000	1000	0	0	0	0	1990	5572
HEATER	E	431A	4	CDT	1279	2000	0	0	0	0	0	0	0
BLOWER	MB	431A	4	CDT	4544	40000	0	0	0	0	0	0	0
HEATER	E	431B	4	CDT	1279	2000	0	0	0	0	0	0	0
BLOWER	MB	431B	4	CDT	4544	40000	0	0	0	0	0	0	0
CYCLONE WITH SINTERED METAL FI	FC	432A	4	CP-1	5110	3500	3100	0	0	0	0	3300	3300
CYCLONE WITH SINTERED METAL FI	FC	432B	4	CP-2	5110	3500	3100	0	0	0	0	3300	3300
ROTARY STAR FEEDER	M	433A	4	CP-1	365	300	300	0	0	0	0	0	0
ROTARY STAR FEEDER	M	433B	4	CP-2	365	300	300	0	0	0	0	0	0
DAY BIN	B	434A	4	CP-1	5110	5000	4500	0	0	0	0	500	500
DAY BIN	B	434B	4	CP-2	5110	5000	4500	0	0	0	0	500	500

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DESC	EQID	SYS	EQUIPNO	LOCATION	MTBR	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
ROTARY STAR FEEDER	M	435A	4	CP-1	365	300	300	0	0	0	0	0	0
ROTARY STAR FEEDER	M	435B	4	CP-2	365	300	300	0	0	0	0	0	0
RECOVERED SULFUR STORAGE TANK	TK	436	4	CP-1/-2	5110	9500	8550	0	0	0	0	950	950
PUMP	P	437	4	CP-1/-2	1825	2000	1000	0	0	0	0	990	2772
SULFUR CEMENT MIXING TANK	TK	438A	4	CP-1	5110	10000	9000	0	0	0	0	1000	1000
SULFUR CEMENT MIXING TANK	TK	438B	4	CP-2	5110	10000	9000	0	0	0	0	0	0
PUMP	P	439A	4	CP-1	1825	2000	1000	0	0	0	0	990	2772
PUMP	P	439B	4	CP-2	1825	2000	1000	0	0	0	0	990	2772
MIXER	MM	440A	4	CP-1	731	6600	5000	0	0	0	0	1600	11185
MIXER	MM	440B	4	CP-2	731	6600	5000	0	0	0	0	1600	11185
SURGE TANK	TK	441A	4	CP-1	5110	6000	5400	0	0	0	0	600	600
SURGE TANK	TK	441B	4	CP-2	5110	6000	5400	0	0	0	0	600	600
SULFUR PUMP	P	442A	4	CP-1	365	500	250	0	0	0	0	250	3500
SULFUR PUMP	P	442B	4	CP-2	365	500	250	0	0	0	0	250	3500
DECANTED MOLTEN SULFUR VAULT	TK	443A	4		0	0	0	0	0	0	0	0	0
DECANTED MOLTEN SULFUR VAULT	TK	443B	4		0	0	0	0	0	0	0	0	0
HEATER	E	444A	4	IX-2	1279	1000	1000	0	0	0	0	0	0
BLOWER	MB	444A	4	LLCFR	4544	28000	14000	0	0	0	0	28000	31488
HEATER	E	444B	4	IX-2	1279	1000	1000	0	0	0	0	0	0
BLOWER	MB	444B	4	LLCFR	4554	28000	14000	0	0	0	0	28000	31419
FILTER WASH CATCH TANK	TK	445A	4	IX-2	5110	9500	8550	0	0	0	0	950	950
	AG	445A	4	IX-2	731	5300	800	0	0	0	0	4490	31387
PUMP	P	446	4	IX-2	1825	2000	1000	0	0	0	0	1000	2800
CYCLONE WITH SINTERED METAL FI	FC	500A	4	P&OG-1	5110	5000	4500	0	0	0	0	500	500
CYCLONE WITH SINTERED METAL FI	FC	500B	4	P&OG-2	5110	5000	4500	0	0	0	0	500	500
ROTARY STAR FEEDER	M	501A	4	P&OG-1	365	300	225	0	0	0	0	75	1050
ROTARY STAR FEEDER	M	501B	4	P&OG-2	365	300	225	0	0	0	0	75	1050
ROLL CRUSHER	MC	502A	4	P&OG-1	730	650	550	0	0	0	0	100	700
ROLL CRUSHER	MC	502B	4	P&OG-2	730	650	550	0	0	0	0	100	700
RECYCLE CULLET CATCH TANK	TK	503A	4	P&OG-1	5110	23500	21150	0	0	0	0	2350	2350
RECYCLE CULLET CATCH TANK	TK	503B	4	P&OG-1	5110	23500	21150	0	0	0	0	2350	2350
PUMP	P	504A	4	P&OG-1	1825	2000	1000	0	0	0	0	990	2772
PUMP	P	504B	4	P&OG-2	1825	2000	1000	0	0	0	0	990	2772
HEATER	E	505A	4	P&OG-1	1279	1000	1000	0	0	0	0	0	0
HEATER	E	505B	4	P&OG-2	1279	1000	1000	0	0	0	0	0	0
BLOWER	MB	505B	4	P&OG-2	4544	28000	14000	0	0	0	0	14000	15744
LLW QUENCH TOWER	T	609A	4	MC-1	5110	100000	100000	0	0	0	0	0	0

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DESC	EQID	SYS	EQUIPNO	LOCATION	MTBR	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
LLW QUENCH TOWER	T	609B	4	MC-2	5110	100000	100000	0	0	0	0	0	0
COOLER	EC	610A	4	MC-1	5110	18000	18000	0	0	0	0	0	0
COOLER	EC	610B	4	MC-1	5110	18000	18000	0	0	0	0	0	0
LLW Scrub Filter Tank	TK	611	4	P&OG-2	5110	8325	7500	0	0	0	0	825	825
Pump	P	612A	4	MC-1	1825	2000	1000	0	0	0	0	990	2772
Pump	P	612B	4	MC-2	1825	2000	1000	0	0	0	0	990	2772
Pump	P	613A	4	MC-1	1825	3000	1500	0	0	0	0	1490	4172
Pump	P	613B	4	MC-2	1825	3000	1500	0	0	0	0	1490	4172
LLW Scrub Solution Tank	TK	614A	4	MC-1	5110	23500	21150	0	0	0	0	2350	2350
LLW Scrub Solution Tank	TK	614B	4	MC-2	5110	23500	21150	0	0	0	0	2350	2350
LLW Venturi Scrubber	SC	615A	4	MC-1	5110	3000	3000	0	0	0	0	0	0
LLW Venturi Scrubber	SC	615B	4	MC-2	5110	3000	3000	0	0	0	0	0	0
LLW Separator	S	616A	4	MC-1	5110	2000	2000	0	0	0	0	0	0
LLW Separator	S	616B	4	MC-2	5110	2000	2000	0	0	0	0	0	0
Chiller	EC	617A	4	MC-1	5110	1700	1700	0	0	0	0	0	0
Chiller	EC	617B	4	MC-2	5110	1700	1700	0	0	0	0	0	0
LLW MIST ELIMINATOR	DE	618A	4	MC-1	5110	4000	3600	0	0	0	0	400	400
LLW MIST ELIMINATOR	DE	618B	4	MC-2	5110	4000	3600	0	0	0	0	400	400
SCRUB SOLUTION MAKEUP TANK	TK	619	4	CDT	5110	1250	0	0	0	0	0	0	0
Pump	P	620	4	P&OG-2	1825	2000	1000	0	0	0	0	990	2772
HEATER	E	625A	4	CP-1	1279	1000	1000	0	0	0	0	0	0
BLOWER	MB	625A	4	LLCFR	4544	6000	3000	0	0	0	0	6000	6747
HEATER	E	625B	4	CP-1	1279	1000	1000	0	0	0	0	0	0
BLOWER	MB	625B	4	LLCFR	4544	6000	3000	0	0	0	0	6000	6747
HEATER	E	625C	4	CP-1	1279	1000	1000	0	0	0	0	0	0
BLOWER	MB	625C	4	LLCFR	4544	6000	3000	0	0	0	0	6000	6747
PUMP	P	627	4	CTA	1825	2000	1000	0	0	0	0	1990	5572
MELTER OFFGAS HEAT EXCHANGER	EC	628	4	LLCFR	5110	8500	8500	0	0	0	0	8500	8500
Heater	E	629	4	LLCFR	1279	3000	3000	0	0	0	0	3000	11986
SO2 Absorber	R	630	4	LLCFR	5110	4000	4000	0	0	0	0	4000	4000
Heater	E	631	4	LLCFR	1279	2000	2000	0	0	0	0	2000	7991
NOx Catalytic Reactor	R	632	4	LLCFR	5110	16000	16000	0	0	0	0	16000	16000
SULFATE REDUCTION	R	633	4	LLCFR	5110	3500	3500	0	0	0	0	3500	3500
NH3 Cracker	E	634	4	LLCFR	5110	8000	8000	0	0	0	0	8000	8000
SO2 ABS. REGEN.	R	635	4	LLCFR	5110	4000	4000	0	0	0	0	4000	4000
COOLER	EC	636	4	LLCFR	5110	5000	5000	0	0	0	0	5000	5000
Claus Sulfur Plant	CL	650	4	LLCFR	5110	4000	4000	0	0	0	0	0	0

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DESC	EQID	SYS	EQUIPNO	LOCATION	MTBR	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
PUMP	P	651	4	CDT	1825	200	100	0	0	0	0	0	0
HEATER	E	700A	4	P&OG-1	1279	200	200	0	0	0	0	0	0
BLOWER	MB	700A	4	LLCFR	4544	5300	2650	0	0	0	0	5300	5960
HEATER	E	700B	4	P&OC-1	1279	200	200	0	0	0	0	0	0
BLOWER	MB	700B	4	LLCFR	4544	5300	2650	0	0	0	0	2650	2980
HEATER	E	701A	4	IX-1	1279	600	600	0	0	0	0	0	0
BLOWER	MB	701A	4	LLCFR	4544	7200	3600	0	0	0	0	7200	8097
Heater	E	701B	4	IX-1	1279	600	600	0	0	0	0	0	0
Blower	MB	701B	4	LLCFR	4544	7200	3600	0	0	0	0	7200	8097
PROCESS CONDENSATE RECYCLE TAN	TK	800A	4	CCF	5100	0	0	0	0	0	0	0	0
PROCESS CONDENSATE RECYCLE TAN	TK	800B	4	CCF	5100	0	0	0	0	0	0	0	0
PROCESS CONDENSATE RECYCLE TAN	TK	800C	4	CCF	5100	0	0	0	0	0	0	0	0
PUMP	P	801A	4	CCF	1825	2000	1000	0	0	0	0	2000	5600
PUMP	P	801B	4	CCF	1825	2000	1000	0	0	0	0	2000	5600
PUMP	P	801C	4	CCF	1825	2000	1000	0	0	0	0	2000	5600
PUMP	P	802A	4	CCF	1825	8000	4000	0	0	0	0	8000	22400
PUMP	P	802B	4	CCF	1825	8000	4000	0	0	0	0	8000	22400
PUMP	P	802C	4	CCF	1825	8000	4000	0	0	0	0	8000	22400
pH Adjustment Tank	TK	803	4	CCF	5110	0	0	0	0	0	0	0	0
Pump	P	804	4	CCF	1825	8000	4000	0	0	0	0	8000	22400
Pump	P	805	4	CCF	1825	8000	4000	0	0	0	0	8000	22400
COLD FEED VENT BLOWER	MB	1100A	4	VBC	4540	600	300	0	0	0	0	0	0
COLD FEED VENT BLOWER	MB	1100B	4	VBC	4540	600	300	0	0	0	0	0	0
MPC CONDENSER/COOLER	EC	1101	4	VBC	5110	4500	0	0	0	0	0	0	0
PROCESS STEAM CONDENSATE CONDE	EC	1102	4	VBC	5110	10000	0	0	0	0	0	0	0
PROCESS COOLING WATER COOLER	EC	1103A	4	VBC	5110	29000	0	0	0	0	0	0	0
PROCESS COOLING WATER COOLER	EC	1103B	4	VBC	5110	29000	0	0	0	0	0	0	0
MELTER COOLING WATER COOLER	EC	1104A	4	VBC	5110	5100	0	0	0	0	0	0	0
MELTER COOLING WATER COOLER	EC	1104B	4	VBC	5110	5100	0	0	0	0	0	0	0
ORGANIC ACID DRAIN CATCH TANK	FG	1105	4	CTA	731	300	0	0	0	0	0	300	2097
ORGANIC ACID VENT HEGA FILTER	FG	1106A	4	VBC	731	300	0	0	0	0	0	0	0
ORGANIC ACID VENT HEGA FILTER	FG	1106B	4	VBC	731	300	0	0	0	0	0	0	0
PROECSS CONDENSATE HEPA FILTER	FH	1107A	4	VBC	731	1000	0	0	0	0	0	0	0
PROECSS CONDENSATE HEPA FILTER	FH	1107B	4	VBC	731	1000	0	0	0	0	0	0	0
PROCESS COOLING WATER HEPA FIL	FH	1108A	4	VBC	731	400	0	0	0	0	0	0	0
PROCESS COOLING WATER HEPA FIL	FH	1108B	4	VBC	731	400	0	0	0	0	0	0	0
MELTER COOLING WATER HEPA FILT	FH	1109A	4	VBC	731	600	0	0	0	0	0	0	0

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DESC	EQID	SYS	EQUIPNO	LOCATION	MTBR	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
MELTER COOLING WATER HEPA FILT	FH	1109B	4	VBC	731	600	0	0	0	0	0	0	0
FLOOR DRAIN CATCH TANK HEPA FI	FH	1110	4	CTA	731	500	0	0	0	0	0	500	3495
REGULATED DRAINS CATCH TANK HE	FH	1111	4	CTA	731	500	0	0	0	0	0	500	3495
LIQUID WASTE COLLECTION HEPA F	FH	1112	4	CTA	731	500	0	0	0	0	0	500	3495
ORGANIC ACID DRAIN CATCH TANK	FH	1113	4	CTA	731	500	0	0	0	0	0	500	3495
FLOOR DRAIN HEPA FILTER	FH	1114A	4	CTA	731	500	0	0	0	0	0	500	3495
FLOOR DRAIN HEPA FILTER	FH	1114B	4	CTA	731	500	0	0	0	0	0	500	3495
FLOOR DRAIN HEPA FILTER	FH	1114C	4	CTA	731	500	0	0	0	0	0	500	3495
FLOOR DRAIN HEPA FILTER	FH	1114D	4	CTA	731	500	0	0	0	0	0	500	3495
LIQUID WASTE COLLECTION HEPA F	FH	1115	4	CTA	731	500	0	0	0	0	0	500	3495
LIQUID WASTE COLLECTION HEPA F	FH	1116	4	CTA	731	500	0	0	0	0	0	500	3495
COLD FEED VENT HEPA FILTER	FH	1117A	4	VBC	731	500	0	0	0	0	0	0	0
COLD FEED VENT HEPA FILTER	FH	1117B	4	VBC	731	500	0	0	0	0	0	0	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH	1118A	4	VBC	731	750	0	0	0	0	0	0	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH	1118B	4	VBC	731	750	0	0	0	0	0	0	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH	1118C	4	VBC	731	750	0	0	0	0	0	0	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH	1118D	4	VBC	731	750	0	0	0	0	0	0	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH	1118E	4	VBC	731	750	0	0	0	0	0	0	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH	1118F	4	VBC	731	750	0	0	0	0	0	0	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH	1118G	4	VBC	731	750	0	0	0	0	0	0	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH	1118H	4	VBC	731	750	0	0	0	0	0	0	0
OFF-GAS TREATMENT CHEMICAL FEE	FL	1120	4	VBC	731	500	0	0	0	0	0	0	0
COLD CHEMICAL TANK ROUGHING FI	FL	1121	4	VBC	731	500	0	0	0	0	0	0	0
COLD CHEMICAL TANK ROUGHING FI	FL	1122	4	VBC	731	500	0	0	0	0	0	0	0
COLD CHEMICAL TANK ROUGHING FI	FL	1123	4	VBC	731	500	0	0	0	0	0	0	0
ELECTRIC PROCESS STEAM GENERAT	EV	1124A	4	VBC	0	52000	0	0	0	0	0	0	0
ELECTRIC PROCESS STEAM GENERAT	EV	1124B	4	VBC	0	52000	0	0	0	0	0	0	0
ELECTRIC PROCESS STEAM GENERAT	EV	1124C	4	VBC	0	52000	0	0	0	0	0	0	0
ELECTRIC PROCESS STEAM GENERAT	EV	1124D	4	VBC	0	52000	0	0	0	0	0	0	0
STANDBY ELECTRIC HEATER	E	1125A	4	VBC	0	200	0	0	0	0	0	0	0
STANDBY ELECTRIC HEATER	E	1125B	4	VBC	0	200	0	0	0	0	0	0	0
STANDBY ELECTRIC HEATER	E	1125C	4	VBC	0	200	0	0	0	0	0	0	0
STANDBY ELECTRIC HEATER	E	1125D	4	VBC	0	200	0	0	0	0	0	0	0
PROCESS STEAM GENERATOR CIRCUL	P	1127A	4	VBC	1825	500	0	0	0	0	0	0	0
PROCESS STEAM GENERATOR CIRCUL	P	1127B	4	VBC	1825	500	0	0	0	0	0	0	0
PROCESS STEAM GENERATOR CIRCUL	P	1127C	4	VBC	1825	500	0	0	0	0	0	0	0
PROCESS STEAM GENERATOR CIRCUL	P	1127D	4	VBC	1825	500	0	0	0	0	0	0	0

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DESC	EQID	SYS	EQUIPNO	LOCATION	MTBR	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
PROCESS STEAM GENERATOR CIRCUL	P	1127E	4	VBC	1825	500	0	0	0	0	0	0	0
PROCESS STEAM GENERATOR CIRCUL	P	1127F	4	VBC	1825	500	0	0	0	0	0	0	0
PROCESS STEAM GENERATOR CIRCUL	P	1127G	4	VBC	1825	500	0	0	0	0	0	0	0
PROCESS STEAM GENERATOR CIRCUL	P	1127H	4	VBC	1825	500	0	0	0	0	0	0	0
BOILER FEED WATER CHEMICAL INJ	P	1128A	4	VBC	1825	100	0	0	0	0	0	0	0
BOILER FEED WATER CHEMICAL INJ	P	1128B	4	VBC	1825	100	0	0	0	0	0	0	0
BOILER FEED WATER CHEMICAL INJ	P	1128C	4	VBC	1825	100	0	0	0	0	0	0	0
BOILER FEED WATER CHEMICAL INJ	P	1128D	4	VBC	1825	100	0	0	0	0	0	0	0
BLOWDOWN DRUM	TK	1129A	4	VBC	5110	1000	0	0	0	0	0	0	0
BLOWDOWN DRUM	TK	1129B	4	VBC	5110	1000	0	0	0	0	0	0	0
BLOWDOWN DRUM	TK	1129C	4	VBC	5110	1000	0	0	0	0	0	0	0
BLOWDOWN DRUM	TK	1129D	4	VBC	5110	1000	0	0	0	0	0	0	0
CHEMICAL ADDITION TANK	TK	1130A	4	VBC	5110	625	0	0	0	0	0	0	0
CHEMICAL ADDITION TANK	TK	1130B	4	VBC	5110	625	0	0	0	0	0	0	0
CHEMICAL ADDITION TANK	TK	1130C	4	VBC	5110	625	0	0	0	0	0	0	0
CHEMICAL ADDITION TANK	TK	1130D	4	VBC	5110	625	0	0	0	0	0	0	0
MPC COLLECTION TANK PUMP	P	1136	4	VBC	1825	150	0	0	0	0	0	0	0
PROCESS CONDENSATE PUMP	P	1137A	4	VBC	1825	1200	0	0	0	0	0	0	0
PROCESS CONDENSATE PUMP	P	1137B	4	VBC	1825	1200	0	0	0	0	0	0	0
PROCESS COOLING WATER PUMP	P	1138A	4	VBC	1825	7500	0	0	0	0	0	0	0
PROCESS COOLING WATER PUMP	P	1138B	4	VBC	1825	7500	0	0	0	0	0	0	0
MELTER COOLING WATER PUMP	P	1139A	4	VBC	1825	1000	0	0	0	0	0	0	0
MELTER COOLING WATER PUMP	P	1139B	4	VBC	1825	1000	0	0	0	0	0	0	0
FLOOR DRAIN CATCH TANK TRANSFE	P	1140	4	CTA	1825	1500	1500	0	0	0	0	1500	4200
FLOOR DRAIN CATCH TANK SUMP PU	P	1141	4	CTA	1825	2500	2500	0	0	0	0	2500	7000
REGULATED DRAINS CATCH TANK TR	P	1142	4	CTA	1825	2500	2500	0	0	0	0	2500	7000
ACID DRAIN CATCH TANK TRANSFER	P	1143	4	CTA	1825	2500	2500	0	0	0	0	2500	7000
ACID DRAIN CATCH TANK SUMP PUM	P	1144	4	CTA	1825	1400	1400	0	0	0	0	1400	3920
ORGANIC ACID DRAIN CATCH TANK	P	1145	4	CTA	1825	2500	2500	0	0	0	0	2500	7000
ORGANIC ACID DRAIN CATCH TANK	P	1146	4	CTA	1825	1400	1400	0	0	0	0	1400	3920
REGULATED DRAINS CATCH TANK SU	P	1147	4	CTA	1825	1400	1400	0	0	0	0	1400	3920
FLOOR DRAIN SAMPLING TANK TRAN	P	1148	4	CTA	1825	1500	1500	0	0	0	0	1500	4200
40% NaNO2 FEED PUMP	P	1160	4	VBC	1825	350	0	0	0	0	0	0	0
COLD CHEMICAL FEED PUMP	P	1170	4	VBC	1825	200	0	0	0	0	0	0	0
COLD CHEMICAL FEED PUMP	P	1171	4	VBC	1825	200	0	0	0	0	0	0	0
COLD CHEMICAL FEED PUMP	P	1172	4	VBC	1825	200	0	0	0	0	0	0	0
OFFGAS TREATMENT CHEMICAL FEED	P	1173	4	VBC	1825	200	0	0	0	0	0	0	0

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DESC	EQID	SYS	EQUIPNO	LOCATION	MTBR	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
50% NITRIC ACID FEED PUMP	P	1175	4	VBC	1825	200	0	0	0	0	0	0	0
NITRIC ACID DECON FEED PUMP	P	1176	4	VBC	1825	1000	0	0	0	0	0	0	0
OXALIC ACID DECON FEED PUMP	P	1177	4	VBC	1825	1000	0	0	0	0	0	0	0
POTASSIUM PERMANGANATE FEED PU	P	1178	4	VBC	1825	1000	0	0	0	0	0	0	0
50% CAUSTIC FEED PUMP	P	1180	4	VBC	1825	200	0	0	0	0	0	0	0
PROCESS WATER BOOSTER PUMP	P	1181	4	VBC	1825	300	0	0	0	0	0	0	0
ANTIFOAM FEED PUMP	P	1182A	4	VBC	1825	200	0	0	0	0	0	0	0
ANTIFOAM FEED PUMP	P	1182B	4	VBC	1825	200	0	0	0	0	0	0	0
ANTIFOAM FEED PUMP	P	1182C	4	VBC	1825	200	0	0	0	0	0	0	0
ANTIFOAM FEED PUMP	P	1182D	4	VBC	1825	200	0	0	0	0	0	0	0
ANTIFOAM FEED PUMP	P	1182E	4	VBC	1825	200	0	0	0	0	0	0	0
ACID DRAIN CATCH TANK SUMP	SU	1183	4	CTA	0	0	0	0	0	0	0	0	0
ORGANIC ACID DRAIN CATCH TANK	SU	1184	4	CTA	0	0	0	0	0	0	0	0	0
FLOOR DRAIN CATCH TANK SUMP	SU	1185	4	CTA	0	0	0	0	0	0	0	0	0
REGULATED DRAINS CATCH TANK SU	SU	1186	4	CTA	0	0	0	0	0	0	0	0	0
MPC FLASH DRUM	TK	1189	4	VBC	5110	125	0	0	0	0	0	0	0
MPC COLLECTION TANK	TK	1190	4	VBC	5110	3000	0	0	0	0	0	0	0
PROCESS CONDENSATE COLLECTION	TK	1191	4	VBC	5110	17500	0	0	0	0	0	0	0
PROCESS COOLING WATER EXPANSIO	TK	1192	4	VBC	5110	5350	0	0	0	0	0	0	0
MELTER COOLING WATER EXPANSION	TK	1193	4	VBC	5110	10000	0	0	0	0	0	0	0
LOW PRESSURE PROCESS WATER TAN	TK	1194	4	VBC	5110	5000	0	0	0	0	0	0	0
FLOOR DRAIN CATCH TANK	TK	1195	4	CTA	5110	13000	11700	0	0	0	0	13000	13000
REGULATED DRAINS CATCH TANK	TK	1196	4	CTA	5110	6500	5850	0	0	0	0	6500	6500
ACID DRAIN CATCH TANK	TK	1197	4	CTA	5110	5000	4500	0	0	0	0	5000	5000
ORGANIC ACID DRAIN CATCH TANK	TK	1198	4	CTA	5110	5000	4500	0	0	0	0	5000	5000
FLOOR DRAIN SAMPLING TANK	TK	1199	4	CTA	5110	13000	11700	0	0	0	0	13000	13000
40% NaNO2 FEED TANK	TK	1201	4	VBC	5110	2500	0	0	0	0	0	0	0
COLD CHEMICAL FEED TANK	TK	1200	4	VBC	5110	2500	0	0	0	0	0	0	0
COLD CHEMICAL FEED TANK	TK	1202	4	VBC	5110	2500	0	0	0	0	0	0	0
COLD CHEMICAL FEED TANK	TK	1203	4	VBC	5110	2500	0	0	0	0	0	0	0
50% NITRIC ACID FEED TANK	TK	1205	4	VBC	5110	2500	0	0	0	0	0	0	0
NITRIC ACID DECON FEED TANK	TK	1206	4	VBC	5110	2500	0	0	0	0	0	0	0
OXALIC ACID DECON FEED TANK	TK	1207	4	VBC	5110	2500	0	0	0	0	0	0	0
POTASSIUM PERMANGANATE FEED TA	TK	1208	4	VBC	5110	2500	0	0	0	0	0	0	0
50% CAUSTIC FEED TANK	TK	1209	4	VBC	5110	2500	0	0	0	0	0	0	0
FLUSH WATER FEED TANK	TK	1210	4	VBC	5110	2500	0	0	0	0	0	0	0
OFF-GAS TREATMENT CHEMICAL FEE	TK	1211	4	VBC	5110	2500	0	0	0	0	0	0	0

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DESC	EQID	SYS	EQUIPNO	LOCATION	MTBR	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
VIT BLDG HPS VACUUM BLOWER	MB	1213A	4	VBC	4544	1800	0	0	0	0	0	0	0
VIT BLDG HPS VACUUM BLOWER	MB	1213B	4	VBC	4544	1800	0	0	0	0	0	0	0
COLD CHEMICAL TANK ROUGHING FI	FL	1214	4	VBC	5110	750	0	0	0	0	0	0	0
PROCESS WATER CHILLER	EC	1215	4	VBC	0	0	0	0	0	0	0	0	0
CULLET PNEU. TRANSFER SYSTEM	XE	2001A	4	CP-1	5110	15000	10000	0	0	0	0	5000	5000
CULLET PNEU. TRANSFER SYSTEM	X	2002A	4	CP-1	5110	20000	13000	0	0	0	0	7000	7000
CULLET PNEU. TRANSFER SYSTEM	XE	2001B	4	CP-2	5110	15000	10000	0	0	0	0	5000	5000
CULLET PNEU. TRANSFER SYSTEM	X	2002B	4	CP-2	5110	20000	13000	0	0	0	0	7000	7000
CEMENT RECYCLE PUMP	P	2646	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2647	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2648	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2649	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2650	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2651	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2652	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2653	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2654	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2655	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2656	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2657	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2658	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2659	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2660	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2661	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2662	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2663	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2664	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2665	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2666	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2667	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2668	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2669	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2670	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2671	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2672	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2673	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2674	4	VA	5110	500	250	0	0	0	0	250	250

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DESC	EQID	SYS	EQUIPNO	LOCATION	MTBR	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
CEMENT RECYCLE PUMP	P	2675	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2676	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2677	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2678	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2679	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2680	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2681	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2682	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2683	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2684	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2685	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2686	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2687	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2688	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2689	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2690	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2691	4	VA	5110	500	250	0	0	0	0	250	250
CEMENT RECYCLE PUMP	P	2692	4	VA	5110	500	250	0	0	0	0	250	250
PUMP	P	446B	4	IX-2	1825	2000	1000	0	0	0	0	1000	2800
First Stage Settling Tank	DST	101A	4		0	0	0	0	0	0	0	0	0
Second Stage Settling Tank	DST	103A	4		0	0	0	0	0	0	0	0	0
First Wash Tank	DST	107	4		0	0	0	0	0	0	0	0	0
Second Wash Tank	DST	113	4		0	0	0	0	0	0	0	0	0
Supernatant Accumulation Tank	DST	115A	4		0	0	0	0	0	0	0	0	0
Supernatant Sample and Transfe	DST	117A	4		0	0	0	0	0	0	0	0	0
LLW Feed Accumulation Tank	DST	119A	4		0	0	0	0	0	0	0	0	0
Wash Solution Accumulation Tan	DST	120A	4		0	0	0	0	0	0	0	0	0
HLW Feed Accumulation Tank	DST	121A	4		0	0	0	0	0	0	0	0	0
LLW Feed Accumulation Tank	DST	128A	4		0	0	0	0	0	0	0	0	0
Wash Solution Transfer Tank	DST	129A	4		0	0	0	0	0	0	0	0	0
HLW Feed Transfer Tank	DST	130	4		0	0	0	0	0	0	0	0	0
Condenser	EC	140	4	P&OG-2	5110	7000	7000	0	0	0	0	0	0
Condenser	EC	223	4	P&OG-1	5110	4500	4500	0	0	0	0	0	0
Supernatant Evaporator	EV	139	4	P&OG-2	5110	7000	7000	0	0	0	0	0	0
Cs IX Concentrator	EV	224	4	P&OG-1	5110	4500	4500	0	0	0	0	0	0
Frit Filter	F	202	4	CPC-1	5110	26000	2300	0	0	0	0	0	0
Cartridge Filter	FT	1550	4		5110	200	0	0	0	0	0	0	0

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DESC	EQID	SYS	EQUIPNO	LOCATION	MTBR	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
Cesium Ion Exchange Column	IX	216A	4	IX-2	5110	2500	2250	0	0	0	0	250	250
Hot Air Blower	MB	1558	4		0	0	0	0	0	0	0	0	0
First Stage Settling Tank Deca	P	102A	4		0	0	0	0	0	0	0	0	0
First Stage Settling Tank Slur	P	104A	4		0	0	0	0	0	0	0	0	0
Second Stage Settling Tank Dec	P	105A	4		0	0	0	0	0	0	0	0	0
Second Stage Settling Tank Dec	P	106A	4		0	0	0	0	0	0	0	0	0
First Wash Tank Decant Pump	P	108	4		0	0	0	0	0	0	0	0	0
First Wash Tank Slurry Pump	P	109	4		0	0	0	0	0	0	0	0	0
Second Wash Tank Decant Pump	P	112	4		0	0	0	0	0	0	0	0	0
Second Wash Tank Pump	P	114	4		0	0	0	0	0	0	0	0	0
Supernatant Accumulation Tank	P	116A	4		0	0	0	0	0	0	0	0	0
Supernatant Sample and Transfe	P	118A	4		0	0	0	0	0	0	0	0	0
LLW Feed Accumulation Tank Pum	P	122A	4		0	0	0	0	0	0	0	0	0
LLW Feed Accumulation Tank Pum	P	123A	4		0	0	0	0	0	0	0	0	0
Wash Solution Accumulation Tan	P	124A	4		0	0	0	0	0	0	0	0	0
Wash Solution Transfer Tank Pu	P	125A	4		0	0	0	0	0	0	0	0	0
HLW Feed Accumulation Tank Pum	P	126A	4		0	0	0	0	0	0	0	0	0
HLW Feed Transfer Tank Pump	P	127A	4		0	0	0	0	0	0	0	0	0
Receipt/Sample Tank Pump	P	132A	4	SP	1825	2000	1000	0	0	0	0	990	2772
Receipt/Sample Tank Pump	P	134A	4	SP	1825	2000	1000	0	0	0	0	990	2772
Evaporator Feed Tank Pump	P	137	4	IX-2	1825	2000	1000	0	0	0	0	990	2772
Cs Ion Exchange Feed Adjust Ta	P	138	4	CPC-2	1825	2000	1000	0	0	0	0	990	2772
Concentrated Supernatant	P	142	4	CPC-3	1825	2000	1000	0	0	0	0	1000	2800
Concentrated Supernatant Sampl	P	145A	4	CPC-3	1825	2000	1000	0	0	0	0	990	2772
Transfer Tank Pump	P	147	4	CPC-2	1825	2000	1000	0	0	0	0	990	2772
Flocculant Makeup Tank Pump	P	148	4		0	0	0	0	0	0	0	0	0
Wash Solution Makeup Tank Pump	P	149	4		0	0	0	0	0	0	0	0	0
Tank Farm NaNO2 Makeup Tank Pu	P	150	4		0	0	0	0	0	0	0	0	0
Cs IX Feed Tank Pump	P	201	4	CPC-1	1825	2000	1000	0	0	0	0	990	2772
Filter Bed Catch Tank Pump	P	204	4	CPC-1	1825	2000	1000	0	0	0	0	990	2772
Cs IX Acid Regen Feed Tan	P	207	4	CPC-3	1825	2000	1000	0	0	0	0	990	2772
Acid Recycle Tank Pump	P	209	4	CPC-3	1825	2000	1000	0	0	0	0	990	2772
Cs IX Caustic Regen Feed Tank	P	215	4	CPC-4	1825	2000	1000	0	0	0	0	990	2772
Cs IX Eluant Catch Tank Pump	P	218	4	CPC-4	1825	2000	1000	0	0	0	0	990	2772
Cesium IX Waste Tank Pump	P	220	4	CPC-4	1825	2000	1000	0	0	0	0	990	2772
Cs IX Waste Sample Tank Pump	P	222	4	CPC-5	1825	2000	1000	0	0	0	0	990	2772
Cs IX Concentrator/Adjustment	P	226	4		0	0	0	0	0	0	0	0	0

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DESC	EQID	SYS	EQUIPNO	LOCATION	MTBR	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
Second Stage Settling Tank	DST	103B	4		0	0	0	0	0	0	0	0	0
Second Stage Settling Tank	DST	103C	4		0	0	0	0	0	0	0	0	0
Second Stage Settling Tank	DST	103D	4		0	0	0	0	0	0	0	0	0
First Stage Settling Tank Slur	P	104B	4		0	0	0	0	0	0	0	0	0
First Stage Settling Tank Slur	P	104C	4		0	0	0	0	0	0	0	0	0
First Stage Settling Tank Slur	P	104D	4		0	0	0	0	0	0	0	0	0
Second Stage Settling Tank Dec	P	105B	4		0	0	0	0	0	0	0	0	0
Second Stage Settling Tank Dec	P	105C	4		0	0	0	0	0	0	0	0	0
Second Stage Settling Tank Dec	P	105D	4		0	0	0	0	0	0	0	0	0
Second Stage Settling Tank Dec	P	106B	4		0	0	0	0	0	0	0	0	0
Second Stage Settling Tank Dec	P	106D	4		0	0	0	0	0	0	0	0	0
Second Stage Settling Tank Dec	P	106C	4		0	0	0	0	0	0	0	0	0
Supernatant Accumulation Tank	DST	115B	4		0	0	0	0	0	0	0	0	0
Supernatant Accumulation Tank	P	116B	4		0	0	0	0	0	0	0	0	0
Supernatant Sample and Transfe	DST	117B	4		0	0	0	0	0	0	0	0	0
Supernatant Sample and Transfe	P	118B	4		0	0	0	0	0	0	0	0	0
LLW Feed Accumulation Tank	DST	119B	4		0	0	0	0	0	0	0	0	0
Wash Solution Accumulation Tan	DST	120B	4		0	0	0	0	0	0	0	0	0
LLW Feed Accumulation Tank Pum	P	122B	4		0	0	0	0	0	0	0	0	0
LLW Feed Accumulation Tank Pum	P	123B	4		0	0	0	0	0	0	0	0	0
Wash Solution Accumulation Tan	P	124B	4		0	0	0	0	0	0	0	0	0
Wash Solution Transfer Tank Pu	P	125B	4		0	0	0	0	0	0	0	0	0
HLW Feed Accumulation Tank Pum	P	126B	4		0	0	0	0	0	0	0	0	0
HLW Feed Transfer Tank Pump	P	127B	4		0	0	0	0	0	0	0	0	0
LLW Feed Accumulation Tank	DST	128B	4		0	0	0	0	0	0	0	0	0
Wash Solution Transfer Tank	DST	129B	4		0	0	0	0	0	0	0	0	0
Receipt/Sample Tank	TK	131B	4	SP	0	0	0	0	0	0	0	0	0
Receipt/Sample Tank	TK	131C	4	SP	0	0	0	0	0	0	0	0	0
Receipt/Sample Tank	TK	131D	4	SP	0	0	0	0	0	0	0	0	0
Receipt/Sample Tank Pump	P	132B	4	SP	1825	2000	1000	0	0	0	0	990	2772
Receipt/Sample Tank Pump	P	132C	4	SP	1825	2000	1000	0	0	0	0	990	2772
Receipt/Sample Tank Pump	P	132D	4	SP	1825	2000	1000	0	0	0	0	990	2772
Receipt/Sample Tank Pump	P	134B	4	SP	1825	2000	1000	0	0	0	0	990	2772
Receipt/Sample Tank Pump	P	134C	4	SP	1825	2000	1000	0	0	0	0	990	2772
Receipt/Sample Tank Pump	P	134D	4	SP	1825	2000	1000	0	0	0	0	990	2772
Concentrated Supernatant Sampl	P	145B	4	CPC-3	1825	2000	1000	0	0	0	0	990	2772
Cesium Ion Exchange Column	IX	216B	4	IX-2	5110	2500	2250	0	0	0	0	250	250

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DESC	EQID	SYS	EQUIPNO	LOCATION	MTBR	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
Cesium Ion Exchange Column	IX	216C	4	IX-2	5110	2500	2250	0	0	0	0	250	250
Cesium Ion Exchange Column	IX	216D	4	IX-2	5110	2500	2250	0	0	0	0	250	250
Resin Fluidizing Pump	P	1551B	4		1825	2000	1000	0	0	0	0	990	2772
Spent Resin Receiver	TK	1556B	4		5110	600	540	0	0	0	0	60	60
Spent Resin Pump	P	1557B	4		1825	1000	500	0	0	0	0	450	1260
ELECTRIC PROCESS STEAM GENERAT	EV	1124E	4	VBC	0	52000	0	0	0	0	0	0	0
STANDBY ELECTRIC HEATER	E	1125E	4	VBC	0	200	0	0	0	0	0	0	0
PROCESS STEAM GENERATOR CIRCUL	P	1127K	4	VBC	1825	500	0	0	0	0	0	0	0
PROCESS STEAM GENERATOR CIRCUL	P	1127J	4	VBC	1825	500	0	0	0	0	0	0	0
BOILER FEED WATER CHEMICAL INJ	P	1128E	4	VBC	1825	500	0	0	0	0	0	0	0
BLOWDOWN DRUM	TK	1129E	4	VBC	5110	1000	0	0	0	0	0	0	0
CHEMICAL ADDITION TANK	TK	1130E	4	VBC	5110	625	0	0	0	0	0	0	0
Receipt/Sample Tank	TK	131E	4	SP	0	0	0	0	0	0	0	0	0
Receipt/Sample Tank	TK	131F	4	SP	0	0	0	0	0	0	0	0	0
Receipt/Sample Tank Pump	P	132E	4	SP	1825	2000	1000	0	0	0	0	990	2772
Receipt/Sample Tank Pump	P	132F	4	SP	1825	2000	1000	0	0	0	0	990	2772
Receipt/Sample Tank Pump	P	134E	4	SP	1825	2000	1000	0	0	0	0	990	2772
Receipt/Sample Tank Pump	P	134F	4	SP	1825	2000	1000	0	0	0	0	1000	2800
H2O PUMPOUT PUMP	P	1560	4		0	0	0	0	0	0	0	0	0
CESIUM CONCENTRATED HLW FEED A	DST	131	4		0	0	0	0	0	0	0	0	0
CESIUM CONCENTRATED HLW FEED A	P	132	4		0	0	0	0	0	0	0	0	0
CESIUM CONCENTRATED HLW FEED A	DST	133	4		0	0	0	0	0	0	0	0	0
CESIUM CONCENTRATED HLW FEED A	P	134	4		0	0	0	0	0	0	0	0	0
CONCENTRATED CsIX HLW NaNO2 MA	TK	227	4		0	0	0	0	0	0	0	0	0
LLW CONDENSATE CATCH TANK	TK	429B	4	P&OG-2	5110	9500	8500	0	0	0	0	9500	9500
PUMP	P	430B	4	P&OG-2	1825	2000	1000	0	0	0	0	1990	5570
LLW MELTER FILTER WASH CATCH T	TK	626	4	CTA	5110	9500	8550	0	0	0	0	9500	9500
CVOG/VOG FILTER WASH CATCH TAN	TK	702	4	IX-1	5110	9500	8550	0	0	0	0	9500	9500
PUMP	P	703	4	IX-1	1825	2000	1000	0	0	0	0	990	2772
VIT BLDG HPS VAC SYSTEM HEPA F	FH	1118J	4	VBC	731	750	0	0	0	0	0	0	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH	1118K	4	VBC	731	750	0	0	0	0	0	0	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH	1118L	4	VBC	731	750	0	0	0	0	0	0	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH	1118M	4	VBC	731	750	0	0	0	0	0	0	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH	1118N	4	VBC	731	750	0	0	0	0	0	0	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH	1118P	4	VBC	731	750	0	0	0	0	0	0	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH	1118Q	4	VBC	731	750	0	0	0	0	0	0	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH	1118R	4	VBC	731	750	0	0	0	0	0	0	0

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DESC	EQID	SYS	EQUIPNO	LOCATION	MTBR	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
KEROSENE FEED TANK	TK	1216	4		5110	12000	0	0	0	0	0	0	0
KEROSENE FEED PUMP	P	1217A	4		1825	200	0	0	0	0	0	0	0
KEROSENE FEED PUMP	P	1217B	4		1825	200	0	0	0	0	0	0	0
PROCESS CONDENSATE PUMP	P	1137C	4	VBC	1825	1200	0	0	0	0	0	0	0
PROCESS CONDENSATE PUMP	P	1137D	4	VBC	1825	1200	0	0	0	0	0	0	0
PROCESS CONDENSATE PUMP	P	1137E	4	VBC	1825	1200	0	0	0	0	0	0	0
PROCESS CONDENSATE PUMP	P	1137F	4	VBC	1825	1200	0	0	0	0	0	0	0
PROCESS CONDENSATE PUMP	P	1137G	4	VBC	1825	1200	0	0	0	0	0	0	0
PROCESS CONDENSATE PUMP	P	1137H	4	VBC	1825	1200	0	0	0	0	0	0	0
PROCESS CONDENSATE PUMP	P	1137J	4	VBC	1825	1200	0	0	0	0	0	0	0
PROCESS CONDENSATE PUMP	P	1137K	4	VBC	1825	1200	0	0	0	0	0	0	0
PROCESS COOLING WATER PUMP	P	1138E	4	VBC	1825	7500	0	0	0	0	0	0	0
PROCESS COOLING WATER PUMP	P	1138F	4	VBC	1825	7500	0	0	0	0	0	0	0
ANTI-FOAM FEED TANK	TK	1182	4	VBC	5110	2500	0	0	0	0	0	0	0
MERC	MR	2698	4	WSF	5110	45000	0	0	0	0	0	45000	45000
MERC	MR	2699	4	WSF	5110	45000	0	0	0	0	0	45000	45000
MERC	MR	2700	4	WSF	5110	45000	0	0	0	0	0	45000	45000
MERC	MR	2701	4	WSF	5110	45000	0	0	0	0	0	45000	45000
MERC	MR	2702	4	FA	5110	45000	0	0	0	0	0	45000	45000
MERC	MR	2703	4	FA	5110	45000	0	0	0	0	0	45000	45000
MERC	MR	2704	4	FA	5110	45000	0	0	0	0	0	45000	45000
MERC	MR	2705	4	FA	5110	45000	0	0	0	0	0	45000	45000
TRANSFER CART #1	CC	2693	4	MC	5110	50000	50000	0	0	0	0	0	0
TRANSFER CART #2	CC	2694	4	MC	5110	50000	50000	0	0	0	0	0	0
TRANSFER CART SYSTEM W/ CONTRO	CC	2695	4		5110	200	0	0	0	0	0	0	0
TRANSFER CART SY	CC	2696	4		5110	200	0	0	0	0	0	0	0
RETURN CONVEYOR	XE	2697	4		5110	12000	12000	0	0	0	0	0	0
PREFILTER	FP	431A1	4	CDT	5110	100000	0	0	0	0	0	0	0
HEPA FILTER	FH	431A2	4	CDT	5110	100000	0	0	0	0	0	0	0
HEPA FILTER	FH	431A3	4	CDT	5110	100000	0	0	0	0	0	0	0
PREFILTER	FP	431B1	4	CDT	5110	100000	0	0	0	0	0	0	0
HEPA FILTER	FH	431B2	4	CDT	5110	100000	0	0	0	0	0	0	0
HEPA FILTER	FH	431B3	4	CDT	5110	100000	0	0	0	0	0	0	0
METAL HEPA FILTER	FM	444A1	4	IX-2	5110	50000	45000	0	0	0	0	5000	5000
METAL HEPA FILTER	FM	444A2	4	LLCFR	5110	50000	45000	0	0	0	0	50000	50000
METAL HEPA FILTER	FM	444B1	4	IX-2	5110	50000	45000	0	0	0	0	50000	50000
METAL HEPA FILTER	FM	444B2	4	LLCFR	5110	50000	45000	0	0	0	0	50000	50000

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DESC	EQID	SYS	EQUIPNO	LOCATION	MTBR	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
METAL HEPA FILTER	FM	505A1	4	P&OG-1	5110	50000	45000	0	0	0	0	5000	5000
METAL HEPA FILTER	FM	505A2	4	LLCFR	5110	50000	45000	0	0	0	0	50000	50000
METAL HEPA FILTER	FM	505B1	4	P&OG-2	5110	50000	45000	0	0	0	0	5000	5000
METAL HEPA FILTER	FM	505B2	4	LLCFR	5110	50000	45000	0	0	0	0	50000	50000
METAL HEPA FILTER	FM	625A1	4	IX-1	5110	4000	3600	0	0	0	0	400	400
METAL HEPA FILTER	FM	625A2	4	LLCFR	5110	4000	3600	0	0	0	0	4000	4000
METAL HEPA FILTER	FM	625B1	4	IX-1	5110	4000	3600	0	0	0	0	400	400
METAL HEPA FILTER	FM	625B2	4	LLCFR	5110	4000	3600	0	0	0	0	4000	4000
METAL HEPA FILTER	FM	625C1	4	IX-1	5110	4000	3600	0	0	0	0	400	400
METAL HEPA FILTER	FM	625C2	4	LLCFR	5110	4000	3600	0	0	0	0	4000	4000
METAL HEPA FILTER	FM	700A1	4	P&OC-1	5110	4000	3600	0	0	0	0	400	400
METAL HEPA FILTER	FM	700A2	4	LLCFR	5110	4000	3600	0	0	0	0	400	400
METAL HEPA FILTER	FM	700B1	4	P&OG-1	5110	4000	3600	0	0	0	0	400	400
METAL HEPA FILTER	FM	700B2	4	LLCFR	5110	4000	3600	0	0	0	0	400	400
Metal HEPA Filter	FM	701A1	4	IX-1	5110	9000	8100	0	0	0	0	900	900
Metal HEPA Filter	FM	701A2	4	LLCFR	5110	9000	8100	0	0	0	0	9000	9000
Metal HEPA Filter	FM	701B1	4	IX-1	5110	9000	8100	0	0	0	0	900	900
Metal HEPA Filter	FM	701B2	4	LLCFR	5110	9000	9000	0	0	0	0	9000	9000
LLW CULLET STORAGE	TK	2002A	4	CP-1	5110	105000	94000	0	0	0	0	11000	11000
LLW CULLET STORAGE	TK	2002B	4	CP-1	5110	105000	94000	0	0	0	0	11000	11000
LLW CULLET STORAGE	TK	2002A	4	CP-1	5110	105000	94000	0	0	0	0	11000	11000
LLW CULLET STORAGE	TK	2002A	4	P&OG-1	5110	105000	94000	0	0	0	0	11000	11000
LLW CULLET STORAGE	TK	2002B	4	CP-2	5110	105000	94000	0	0	0	0	11000	11000
LLW CULLET STORAGE	TK	2002B	4	P&OG-2	5110	105000	94000	0	0	0	0	11000	11000
Pump	P	400	4-1	P&OG-2	1825	2000	1000	0	0	0	0	1990	5572
Coil	CO	400	4-2	P&OG-2	1925	500	500	0	0	0	0	500	1327
Agitator	AG	400	4-3	P&OG-2	731	5300	800	0	0	0	0	5290	36979
	CO	404A	4	CPC-7	1925	500	500	0	0	0	0	0	0
	AG	404A		CPC-7	731	5300	800	0	0	0	0	4490	31387
	P	404A		CPC-7	1825	2000	1000	0	0	0	0	990	2772
	CO	404B		CPC-6	1925	500	500	0	0	0	0	0	0
	AG	404B		CPC-6	731	5300	800	0	0	0	0	4490	31387
	P	404B		CPC-6	1825	2000	1000	0	0	0	0	990	2772
	CO	404C		CPC-6	1925	500	500	0	0	0	0	0	0
	AG	404C		CPC-6	731	5300	800	0	0	0	0	4490	31387
	P	404C		CPC-6	1825	2000	1000	0	0	0	0	990	2772
	CO	404D		CPC-6	1925	500	500	0	0	0	0	0	0

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DESC	EQID	SYS	EQUIPNO	LOCATION	MTBR	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
	AG	404D		CPC-6	731	5300	800	0	0	0	0	4490	31387
	P	404D		CPC-6	1825	2000	1000	0	0	0	0	990	2772
	CO	406A	4	CPC-7	1925	500	500	0	0	0	0	0	0
	AG	406A	4	CPC-7	731	10000	1500	0	0	0	0	8490	59349
	P	406A	4	CPC-7	1825	2000	1000	0	0	0	0	990	2772
	P	406B	4	CPC-7	1825	2000	1000	0	0	0	0	990	2772
	CO	406C	4	CPC-6	1925	500	500	0	0	0	0	0	0
	AG	406C	4	CPC-6	731	10000	1500	0	0	0	0	8490	59349
	P	406C	4	CPC-6	1825	2000	1000	0	0	0	0	990	2772
	CO	406D	4	CPC-6	1925	500	500	0	0	0	0	0	0
	AG	406D	4	CPC-6	731	10000	1500	0	0	0	0	8490	59349
	P	406D	4	CPC-6	1825	2000	1000	0	0	0	0	990	2772
	CO	416A	4	MC-1	1925	1000	1000	0	0	0	0	0	0
	AG	416A	4	MC-1	731	5300	800	0	0	0	0	4490	31387
	CO	416B	4	MC-1	1925	1000	1000	0	0	0	0	0	0
	AG	416B	4	MC-1	731	5300	800	0	0	0	0	4490	31387
	CO	421A	4	P&OG-1	1925	1000	1000	0	0	0	0	0	0
	AG	421A	4	P&OG-1	731	5300	800	0	0	0	0	4490	31387
	CO	421B	4	P&OG-2	1925	1000	1000	0	0	0	0	0	0
	AG	421B	4	P&OG-2	731	5300	800	0	0	0	0	4490	31387
	CO	426A	4	P&OG-1	1925	1000	1000	0	0	0	0	1000	2655
	AG	426A	4	P&OG-1	731	5300	800	0	0	0	0	5290	36979
	CO	426B	4	P&OG-2	1925	1000	1000	0	0	0	0	1000	2655
	AG	426B	4	P&OG-2	731	5300	800	0	0	0	0	5290	36979
	CO	429A	4	P&OG-1	1925	1000	1000	0	0	0	0	1000	2655
	AG	429A	4	P&OG-1	731	5300	800	0	0	0	0	5290	36979
	AG	436	4	CP-1/-2	731	5300	800	0	0	0	0	4490	31387
	HT	436	4	CP-1/-2	2835	1000	1000	0	0	0	0	0	0
	AG	438A	4	CP-1	731	5300	800	0	0	0	0	4490	31387
	HT	438A	4	CP-1	2835	2000	2000	0	0	0	0	0	0
	AG	438B	4	CP-2	731	5300	800	0	0	0	0	4490	31387
	HT	438B	4	CP-2	2835	2000	2000	0	0	0	0	0	0
	CO	445A	4	IX-2	2835	1000	1000	0	0	0	0	1000	1802
	CO	503A	4	P&OG-1	1925	1000	1000	0	0	0	0	0	0
	AG	503A	4	P&OG-1	731	5300	800	0	0	0	0	4490	31387
	CO	503B	4	P&OG-1	1925	1000	1000	0	0	0	0	0	0
	AG	503B	4	P&OG-1	731	5300	800	0	0	0	0	4490	31387

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DESC	EQID	SYS	EQUIPNO	LOCATION	MTBR	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
	AG	611	4	P&OG-2	731	5300	800	0	0	0	0	4490	31387
	CO	611	4	P&OG-2	2835	1000	1000	0	0	0	0	0	0
	CO	614A	4	MC-1	1923	500	500	0	0	0	0	0	0
	AG	614A	4	MC-1	731	5300	800	0	0	0	0	4490	31387
	P	614A	4	MC-1	1825	2000	1000	0	0	0	0	990	2772
	CO	614B	4	MC-2	1925	500	500	0	0	0	0	0	0
	AG	614B	4	MC-2	731	5300	800	0	0	0	0	4490	31387
	P	614B	4	MC-2	1825	2000	1000	0	0	0	0	990	2772
	CO	429B	4	P&OG-2	1925	1000	1000	0	0	0	0	1000	2655
	AG	429B	4	P&OG-2	731	5300	800	0	0	0	0	5290	36979
	CO	626	4	CTA	1925	1000	1000	0	0	0	0	1000	2655
	AG	626	4	CTA	731	5300	800	0	0	0	0	5290	36979
	CO	702	4	IX-1	1925	1000	1000	0	0	0	0	0	0
	AG	702	4	IX-1	731	5300	800	0	0	0	0	4490	31387
	CO	406B	4	CPC-7	1925	500	500	0	0	0	0	0	0
	AG	406B	4	CPC-7	331	1500	15000	0	0	0	0	8490	131069
	MB	505A	4	P&OG-1	4544	28000	14000	0	0	0	0	14000	15744
						6061285	3908010		0		0		3081471

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APPENDIX B

HIGH-LEVEL WASTE INVENTORY

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B = STORAGE BIN
 CC = TRANSFER CART
 CN = CRANE
 DE = DEMISTER
 DY = DRYER
 E = HEATER, CRACKER
 EB = CHAMBER, INCINERATOR
 EC = CONDENSER, CHILLER, COOLER
 EM = MELTER
 EV = EVAPORATOR OR CONCENTRATOR
 F = FILTER, FRIT FILTER, SCRUB FILTER
 FC = CYCLONE FILTER
 FH = HEPA FILTER
 FM = METAL HEPA FILTER
 FP = PREFILTER, METAL PREFILTER

ABBREVIATIONS
 EQUIPMENT IDENTIFICATION CODE

FS = SCREEN
 G = CENTRIFUGE
 HD = DEVICE
 LT = IN-CELL LIGHT
 M = ROTARY STAR FEEDER
 MB = BLOWER
 MC = ROLL CRUSHER
 MF = FEEDERS
 MM = MIXERS
 MQ = QUENCH FLUME
 MS = MASTER-SLAVE MANIP
 MY = INSPECTION EQUIPMENT
 P = PUMPS
 R = ABSORBER, REACTOR, REGENERATOR, REDUCER
 RA = MOTORIZED HATCH

RE = RADIATION COUNTER
 S = SEPARATOR (VAPOR/LIQUID)
 SC = SCRUBBER
 SD = SHIELD DOOR
 SR = STORAGE RACK
 SZ = WINDOW
 T = TOWERS
 TE = TEMPERATURE PROBE
 TK = TANKS
 TR = TRAP
 TU = TURNTABLE
 TV = CCTV
 WB = TABLE
 WE = WELDING EQUIPMENT
 XE = PNEUMATIC TRANSFER EQUIP

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EQUIPMENT LIST
 CASE 3B, MODIFIED FOR SOLID WASTE STUDY

DESC	EQUIPMENT ID	LOCATION	MTBF	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
RECEIPT/SAMPLE TANK	TK 300A 3B	R/SC	5110	0	0	0	0	0	0	0	0
RECEIPT/SAMPLE TANK	TK 300B 3B	R/SC	5110	0	0	0	0	0	0	0	0
RECEIPT/SAMPLE TANK	TK 300C 3B	R/SC	5110	0	0	0	0	0	0	0	0
RECEIPT/SAMPLE TANK	TK 300D 3B	R/SC	5110	0	0	0	0	0	0	0	0
RECEIPT/SAMPLE TANK	TK 300E 3B	R/SC	5110	0	0	0	0	0	0	0	0
RECEIPT/SAMPLE TANK	TK 300F 3B	R/SC	5110	0	0	0	0	0	0	0	0
PUMP	P 301A 3B	R/SC	1825	2000	1000	0	0	0	0	1990	0
PUMP	P 301B 3B	R/SC	1825	2000	1000	0	0	0	0	1990	0
PUMP	P 301C 3B	R/SC	1825	2000	1000	0	0	0	0	1990	0
PUMP	P 301D 3B	R/SC	1825	2000	1000	0	0	0	0	1990	0
PUMP	P 301E 3B	R/SC	1825	2000	1000	0	0	0	0	1990	0
PUMP	P 301F 3B	R/SC	1825	2000	1000	0	0	0	0	1990	0
CENTRIFUGE FEED TANK	TK 302A 3B	CEC	5110	24000	21600	0	0	0	0	24000	0
CENTRIFUGE FEED TANK	TK 302B 3B	CEC	5110	24000	21600	0	0	0	0	24000	0
PUMP	P 303A 3B	CEC	1825	2000	1000	0	0	0	0	1990	0
PUMP	P 303B 3B	CEC	1825	2000	1000	0	0	0	0	1990	0
CENTRIFUGE SOLIDS CATCH TANK	TK 304A 3B	CEC	5110	24000	21600	21600	0	0	0	0	0
CENTRIFUGE SOLIDS CATCH TANK	TK 304B 3B	CEC	5110	24000	21600	21600	0	0	0	0	0
CENTRIFUGE	G 305A 3B	CEC	731	5000	3750	3750	0	0	0	0	0
CENTRIFUGE	G 305B 3B	CEC	731	5000	3750	3750	0	0	0	0	0
PUMP	P 306A 3B	CEC	1825	2000	1000	990	0	0	0	0	0
PUMP	P 306B 3B	CEC	1825	2000	1000	990	0	0	0	0	0
CENTRATE CATCH TANK	TK 307A 3B	CEC	5110	12500	11250	0	0	0	0	12500	0
CENTRATE CATCH TANK	TK 307B 3B	CEC	5110	12500	11250	0	0	0	0	12500	0
PUMP	P 308A 3B	CEC	1825	2000	1000	0	0	0	0	1990	0
PUMP	P 308B 3B	CEC	1825	2000	1000	0	0	0	0	1990	0
HLW EVAPORATOR FEED TANK	TK 309 3B	CEC	5110	24000	21600	0	0	0	0	24000	0
PUMP	P 310 3B	CEC	1825	2000	1000	0	0	0	0	1990	0
HLW FEED EVAPORATOR	EV 311 3B	CEC	1925	6000	5400	5400	0	0	0	0	0
CONDENSER	EC 312 3B	CEC	5110	3000	2700	0	0	0	0	3000	0
HLW EVAPORATOR CATCH TANK	TK 313 3B	CEC	5110	12500	11250	11250	0	0	0	0	0
PUMP	P 314 3B	CEC	1825	2000	1000	990	0	0	0	0	0
HLW MELTER FEED ADJUSTMENT TAN	TK 315A 3B	CEC	5110	24000	21600	21600	0	0	0	0	0
HLW MELTER FEED ADJUSTMENT TAN	TK 315B 3B	CEC	5110	24000	21600	21600	0	0	0	0	0
PUMP	P 316A 3B	CEC	1825	2000	1000	990	0	0	0	0	0
PUMP	P 316B 3B	CEC	1825	2000	1000	990	0	0	0	0	0
HLW MELTER FEED TANK	TK 317A 3B	CEC	5110	24000	21600	21600	0	0	0	0	0
HLW MELTER FEED TANK	TK 317B 3B	CEC	5110	24000	21600	21600	0	0	0	0	0

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DESC	EQUIPMENT	ID	LOCATION	MTBF	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
PUMP	P	318A 3B	CEC	1825	2000	1000	990	0	0	0	0	0
PUMP	P	318B 3B	CEC	1825	2000	1000	990	0	0	0	0	0
HEAD BIN	B	319 3B	CDT	5110	900	0	0	0	0	0	0	0
ROTARY STAR FEEDER	M	320 3B	CDT	365	300	0	0	0	0	0	0	0
WEIGH FEEDER	MF	321 3B	CDT	5110	600	0	0	0	0	0	0	0
ROTARY STAR FEEDER	M	322 3B	CDT	365	300	0	0	0	0	0	0	0
HLW MELTER	EM	323 3B	MC	923	60000	54000	54000	0	0	0	0	0
GLASS SEPARATOR	S	324 3B	MC	923	60000	54000	54000	0	0	0	0	0
HLW QUENCH TOWER	T	600 3B	MC	5110	31000	27900	27900	0	0	0	0	0
COOLER	EC	601 3B	MC	5110	3200	1600	0	0	0	0	3200	0
HLW VENTURI SCRUBBER	SC	602 3B	MC	5110	1000	1000	0	0	0	0	1000	0
HLW SEPARATOR	S	603 3B	MC	5110	500	500	0	0	0	0	500	0
CHILLER	EC	604 3B	MC	5110	800	800	0	0	0	0	800	0
HLW MIST ELIMINATOR HOUSING	DE	605 3B	MC	5110	9000	8100	0	0	0	0	9000	0
PUMP	P	606 3B	MC	1825	2000	1000	0	0	0	0	1990	0
PUMP	P	607 3B	MC	1825	2000	1000	0	0	0	0	1990	0
HLW SCRUB SOLUTION TANK	TK	608 3B	MC	5110	24000	21600	0	0	0	0	24000	0
SCRUB SOLUTION MAKEUP TANK	TK	619 3B	CDT	5110	1000	0	0	0	0	0	0	0
HEATER	E	622A 3B	CEC	1280	800	800	0	0	0	0	800	0
BLOWER	MB	622A 3B	CFR	4544	5310	2655	0	0	0	0	5300	0
HEATER	E	622B 3B	CEC	1280	800	800	0	0	0	0	800	0
BLOWER	MB	622B 3B	CFR	4544	5310	2655	0	0	0	0	5300	0
MELTER OFFGAS HEAT EXCHANGER	EC	628 3B	CFR	5110	3000	3000	0	0	0	0	3000	0
HEATER	E	629 3B	CFR	1280	600	600	0	0	0	0	600	0
HEATER	E	631 3B	CFR	1280	500	500	0	0	0	0	500	0
NOX CATALYTIC REACTOR HOUSING	R	632 3B	CFR	5110	2000	2000	0	0	0	0	2000	0
SULFATE REDUCTION	R	633 3B	CFR	5110	500	0	0	0	0	0	500	0
COOLER	EC	636 3B	CFR	4544	2000	2000	0	0	0	0	2000	0
PUMP	P	652 3B	CDT	1825	100	0	0	0	0	0	0	0
SO2 ABSORBER HOUSING	R	630 3B	CFR	5110	500	500	0	0	0	0	500	0
NH3 CRACKER	E	634 3B	CFR	1280	700	0	0	0	0	0	700	0
SO2 ABSORBER REGEN.	R	635 3B	CFR	5110	500	0	0	0	0	0	500	0
CLAUS SULFUR PLANT	CL	650 3B	CFR	5110	2000	1000	0	0	0	0	2000	0
HEATER	E	700A 3B	CEC	1280	280	224	0	0	0	0	280	0
BLOWER	MB	700A 3B	CFR	4544	1400	700	0	0	0	0	1400	0
HEATER	E	700B 3B	CEC	1280	200	200	0	0	0	0	200	0
BLOWER	MB	700B 3B	CFR	4544	2000	1000	0	0	0	0	1000	0
HEATER	E	701A 3B	CEC	1280	500	500	0	0	0	0	500	0

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DESC	EQUIPMENT ID	LOCATION	MTBF	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
BLOWER	MB 701A 3B	CFR	4544	13000	6500	0	0	0	0	13000	0
HEATER	E 701B 3B	CEC	1280	500	500	0	0	0	0	500	0
BLOWER	MB 701B 3B	CFR	4544	13000	6500	0	0	0	0	13000	0
CVOG/VOG FILTER WASH CATCH TAN	TK 702 3B	CEC	5110	9500	8550	0	0	0	0	9500	0
PUMP	P 703 3B	CEC	1825	2000	1000	0	0	0	0	1990	0
PROCESS CONDENSATE RECYCLE TAN	TK 800A 3B	CCF	5110	24000	21600	0	0	0	0	24000	0
PROCESS CONDENSATE RECYCLE TAN	TK 800B 3B	CCF	5110	24000	21600	0	0	0	0	2400	0
PROCESS CONDENSATE RECYCLE TAN	TK 800C 3B	CCF	5110	24000	21600	0	0	0	0	24000	0
PUMP	P 801A 3B	CCF	1825	2000	1000	0	0	0	0	1990	0
PUMP	P 801B 3B	CCF	1825	2000	1000	0	0	0	0	1990	0
PUMP	P 801C 3B	CCF	1825	2000	1000	0	0	0	0	1990	0
PUMP	P 802A 3B	CCF	1825	2000	1000	0	0	0	0	1990	0
PUMP	P 802B 3B	CCF	1825	2000	1000	0	0	0	0	1990	0
PUMP	P 802C 3B	CCF	1825	2000	1000	0	0	0	0	1990	0
pH ADJUSTMENT TANK	TK 803 3B	CCF	5110	24000	21600	0	0	0	0	24000	0
PUMP	P 804 3B	CCF	1825	2000	1000	0	0	0	0	1990	0
PUMP	P 805 3B	CCF	1825	2000	1000	0	0	0	0	1990	0
COLD FEED VENT BLOWER	MB 1100A 3B	CDT	4540	600	0	0	0	0	0	0	0
COLD FEED VENT BLOWER	MB 1100B 3B	CDT	4540	600	0	0	0	0	0	0	0
PROCESS STEAM CONDENSATE CONDE	EC 1102 3B	CDT	5100	4500	0	0	0	0	0	0	0
PROCESS COOLING WATER COOLER	EC 1103A 3B	CDT	0	7750	0	0	0	0	0	0	0
PROCESS COOLING WATER COOLER	EC 1103B 3B	CDT	0	7750	0	0	0	0	0	0	0
MELTER COOLING WATER COOLER	EC 1104A 3B	CDT	0	4000	0	0	0	0	0	0	0
MELTER COOLING WATER COOLER	EC 1104B 3B	CDT	0	4000	0	0	0	0	0	0	0
ORGANIC ACID DRAIN CATCH TANK	FG 1105 3B	CDT	0	300	0	0	0	0	0	0	0
ORGANIC ACID VENT HEGA FILTER	FG 1106A 3B	CDT	0	300	0	0	0	0	0	0	0
ORGANIC ACID VENT HEGA FILTER	FG 1106B 3B	CDT	0	300	0	0	0	0	0	0	0
PROCESS CONDENSATE HEPA FILTER	FH 1107A 3B	CDT	5110	280	0	0	0	0	0	280	0
PROCESS CONDENSATE HEPA FILTER	FH 1107B 3B	CDT	5110	280	0	0	0	0	0	280	0
PROCESS COOLING WATER HEPA FIL	FH 1108A 3B	CDT	5110	280	0	0	0	0	0	280	0
PROCESS COOLING WATER HEPA FIL	FH 1108B 3B	CDT	5110	280	0	0	0	0	0	280	0
MELTER COOLING WATER HEPA FILT	FH 1109A 3B	CDT	5110	420	0	0	0	0	0	420	0
MELTER COOLING WATER HEPA FILT	FH 1109B 3B	CDT	5110	420	0	0	0	0	0	420	0
FLOOR DRAIN CATCH TANK HEPA FI	FH 1110 3B	CTA	5110	350	0	0	0	0	0	350	0
REGULATED DRAINS CATCH TANK HE	FH 1111 3B	CTA	5110	350	0	0	0	0	0	350	0
LIQUID WASTE COLLECTION HEPA F	FH 1112 3B		5110	350	0	0	0	0	0	350	0
ORGANIC ACID DRAIN CATCH TANK	FH 1113 3B	CTA	5110	350	0	0	0	0	0	350	0
FLOOR DRAIN HEPA FILTER	FH 1114A 3B	CTA	5110	350	0	0	0	0	0	350	0

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DESC	EQUIPMENT ID	LOCATION	MTBF	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
FLOOR DRAIN HEPA FILTER	FH 1114B 3B	CTA	5110	350	0	0	0	0	0	350	0
FLOOR DRAIN HEPA FILTER	FH 1114C 3B	CTA	5110	350	0	0	0	0	0	350	0
FLOOR DRAIN HEPA FILTER	FH 1114D 3B	CTA	5110	350	0	0	0	0	0	350	0
LIQUID WASTE COLLECTION HEPA F	FH 1115 3B	CTA	5110	350	0	0	0	0	0	350	0
LIQUID WASTE COLLECTION HEPA F	FH 1116 3B	CTA	5110	350	0	0	0	0	0	350	0
COLD FEED VENT HEPA FILTER	FH 1117A 3B	CDT	5110	350	0	0	0	0	0	350	0
COLD FEED VENT HEPA FILTER	FH 1117B 3B	CDT	5110	350	0	0	0	0	0	350	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH 1118A 3B	CDT	5110	525	0	0	0	0	0	525	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH 1118B 3B	CDT	5110	525	0	0	0	0	0	525	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH 1118C 3B	CDT	5110	525	0	0	0	0	0	525	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH 1118D 3B	CDT	5110	525	0	0	0	0	0	525	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH 1118E 3B	CDT	5110	525	0	0	0	0	0	525	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH 1118F 3B	CDT	5110	525	0	0	0	0	0	525	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH 1118G 3B	CDT	5110	525	0	0	0	0	0	525	0
VIT BLDG HPS VAC SYSTEM HEPA F	FH 1118H 3B	CDT	5110	525	0	0	0	0	0	525	0
OFF-GAS TREATMENT CHEMICAL FEE	FL 1120 3B	CDT	5110	350	0	0	0	0	0	350	0
COLD CHEMICAL TANK ROUGHING FI	FL 1121 3B	CDT	5110	350	0	0	0	0	0	350	0
COLD CHEMICAL TANK ROUGHING FI	FL 1122 3B	CDT	5110	350	0	0	0	0	0	350	0
COLD CHEMICAL TANK ROUGHING FI	FL 1123 3B	CDT	5110	350	0	0	0	0	0	350	0
ELECTRIC PROCESS STEAM GENERAT	EV 1124A 3B	CDT	7300	52000	0	0	0	0	0	0	0
STANDBY ELECTRIC HEATER	E 1125A 3B	CDT	0	200	0	0	0	0	0	0	0
PROCESS STEAM GENERATOR CIRCUL	P 1127A 3B	CDT	0	500	0	0	0	0	0	0	0
BOILER FEED WATER CHEMICAL INJ	P 1128A 3B	CDT	0	100	0	0	0	0	0	0	0
BLOWDOWN DRUM	TK 1129A 3B	CDT	5110	1000	0	0	0	0	0	0	0
CHEMICAL ADDITION TANK	TK 1130A 3B	CDT	5110	625	0	0	0	0	0	0	0
PROCESS CONDENSATE PUMP	P 1137A 3B	CDT	1825	500	0	0	0	0	0	0	0
PROCESS CONDENSATE PUMP	P 1137B 3B	CDT	1825	500	0	0	0	0	0	0	0
PROCESS COOLING WATER PUMP	P 1138A 3B	CDT	1825	2000	0	0	0	0	0	0	0
PROCESS COOLING WATER PUMP	P 1138B 3B	CDT	1825	2000	0	0	0	0	0	0	0
MELTER COOLING WATER PUMP	P 1139A 3B	CDT	1825	400	0	0	0	0	0	0	0
MELTER COOLING WATER PUMP	P 1139B 3B	CDT	1825	400	0	0	0	0	0	0	0
FLOOR DRAIN CATCH TANK TRANSFE	P 1140 3B	CTA	1825	1500	750	0	0	0	0	0	0
FLOOR DRAIN CATCH TANK SUMP PU	P 1141 3B	CTA	1825	2500	1250	0	0	0	0	0	0
REGULATED DRAINS CATCH TANK TR	P 1142 3B	CTA	1825	2500	1250	0	0	0	0	0	0
ACID DRAIN CATCH TANK TRANSFER	P 1143 3B	CTA	1825	2500	1250	0	0	0	0	0	0
ACID DRAIN CATCH TANK SUMP PUM	P 1144 3B	CTA	1825	1400	700	0	0	0	0	0	0
ORGANIC ACID DRAIN CATCH TANK	P 1145 3B	CTA	1825	2500	1250	0	0	0	0	0	0
ORGANIC ACID DRAIN CATCH TANK	P 1146 3B	CTA	1825	1400	700	0	0	0	0	0	0

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DESC	EQUIPMENT ID	LOCATION	MTBF	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
REGULATED DRAINS CATCH TANK SU	P 1147 3B	CTA	1825	1400	0	0	0	0	0	1400	0
FLOOR DRAIN SAMPLING TANK TRAN	P 1148 3B	CTA	1825	1500	0	0	0	0	0	1500	0
COLD CHEMICAL FEED PUMP	P 1160 3B	CDT	1825	350	0	0	0	0	0	0	0
COLD CHEMICAL FEED PUMP	P 1170 3B	CDT	1825	200	0	0	0	0	0	0	0
COLD CHEMICAL FEED PUMP	P 1171 3B	CDT	1825	200	0	0	0	0	0	0	0
COLD CHEMICAL FEED PUMP	P 1172 3B	CDT	1825	200	0	0	0	0	0	0	0
OFFGAS TREATMENT CHEMICAL FEED	P 1173 3B	CDT	1825	200	0	0	0	0	0	0	0
50% NITRIC ACID FEED PUMP	P 1175 3B	CDT	1825	200	0	0	0	0	0	0	0
NITRIC ACID DECON FEED PUMP	P 1176 3B	CDT	1825	1000	0	0	0	0	0	0	0
OXALIC ACID DECON FEED PUMP	P 1177 3B	CDT	1825	1000	0	0	0	0	0	0	0
POTASSIUM PERMANGANATE FEED PU	P 1178 3B	CDT	1825	200	0	0	0	0	0	0	0
50% CAUSTIC FEED PUMP	P 1180 3B	CDT	1825	200	0	0	0	0	0	0	0
PROCESS WATER BOOSTER PUMP	P 1181 3B	CDT	1825	300	0	0	0	0	0	0	0
ANTIFOAM FEED PUMP	P 1182A 3B	CDT	1825	200	0	0	0	0	0	0	0
ANTIFOAM FEED PUMP	P 1182B 3B	CDT	1825	200	0	0	0	0	0	0	0
ANTIFOAM FEED PUMP	P 1182C 3B	CDT	1825	200	0	0	0	0	0	0	0
ANTIFOAM FEED PUMP	P 1182D 3B	CDT	1825	200	0	0	0	0	0	0	0
ANTIFOAM FEED PUMP	P 1182E 3B	CDT	1825	200	0	0	0	0	0	0	0
ACID DRAIN CATCH TANK SUMP	SU 1183 3B	CTA	5110	0	0	0	0	0	0	0	0
ORGANIC ACID DRAIN CATCH TANK	SU 1184 3B	CTA	5110	0	0	0	0	0	0	0	0
FLOOR DRAIN CATCH TANK SUMP	SU 1185 3B	CTA	5110	0	0	0	0	0	0	0	0
REGULATED DRAINS CATCH TANK SU	SU 1186 3B	CTA	5110	0	0	0	0	0	0	0	0
PROCESS CONDENSATE COLLECTION	TK 1191 3B	CDT	5110	3000	0	0	0	0	0	0	0
PROCESS COOLING WATER EXPANSIO	TK 1192 3B	CDT	5110	1050	0	0	0	0	0	0	0
MELTER COOLING WATER EXPANSION	TK 1193 3B	CDT	5110	9500	0	0	0	0	0	0	0
LOW PRESSURE PROCESS WATER TAN	TK 1194 3B	CDT	5110	2500	0	0	0	0	0	0	0
FLOOR DRAIN CATCH TANK	TK 1195 3B	CTA	5110	6500	0	0	0	0	0	6500	0
REGULATED DRAINS CATCH TANK	TK 1196 3B	CTA	5110	3250	0	0	0	0	0	3250	0
ACID DRAIN CATCH TANK	TK 1197 3B	CTA	5110	2500	0	0	0	0	0	0	0
ORGANIC ACID DRAIN CATCH TANK	TK 1198 3B	CTA	5110	2500	0	0	0	0	0	0	0
FLOOR DRAIN SAMPLING TANK	TK 1199 3B	CTA	5110	6500	0	0	0	0	0	0	0
COLD CHEMICAL FEED TANK	TK 1200 3B	CDT	5110	1250	0	0	0	0	0	0	0
COLD CHEMICAL FEED TANK	TK 1201 3B	CDT	5110	1250	0	0	0	0	0	0	0
COLD CHEMICAL FEED TANK	TK 1202 3B	CDT	5110	1250	0	0	0	0	0	0	0
COLD CHEMICAL FEED TANK	TK 1203 3B	CDT	5110	1250	0	0	0	0	0	0	0
50% NITRIC ACID FEED TANK	TK 1205 3B	CDT	5110	1250	0	0	0	0	0	0	0
NITRIC ACID DECON FEED TANK	TK 1206 3B	CDT	5110	1250	0	0	0	0	0	0	0
OXALIC ACID DECON FEED TANK	TK 1207 3B	CDT	5110	1250	0	0	0	0	0	0	0

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DESC	EQUIPMENT ID	LOCATION	MTBF	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
POTASSIUM PERMANGANATE FEED TA	TK 1208 3B	CDT	5110	1250	0	0	0	0	0	0	0
50% CAUSTIC FEED TANK	TK 1209 3B	CDT	5110	1250	0	0	0	0	0	0	0
FLUSH WATER FEED TANK	TK 1210 3B	CDT	5110	1250	0	0	0	0	0	0	0
OFF GAS TREATMENT CHEMICAL FEE	TK 1211 3B	CDT	5110	1250	0	0	0	0	0	0	0
VIT BLDG HPS VACUUM BLOWER	MB 1213A 3B	CDT	4540	1200	0	0	0	0	0	0	0
VIT BLDG HPS VACUUM BLOWER	MB 1213B 3B	CDT	4540	1200	0	0	0	0	0	0	0
COLD CHEMICAL TANK ROUGHING FI	FL 1214 3B	CDT	5110	350	0	0	0	0	0	0	0
PROCESS WATER CHILLER	EL 1215 3B	CDT	0	0	0	0	0	0	0	0	0
PLUG INSERTION/REMOVAL DEVICE	HD 2201 3B	CFA	548	500	500	0	0	0	0	0	0
CFC CCTV W/VIEWING STATION	TV 2208 3B	CFA	913	500	0	0	0	0	0	0	0
CFC CELL LIGHT ASSEMBLIES (8)	LT 2211 3B	CFA	5110	1200	0	0	0	0	0	1200	0
CWC JIB CRANE W/CONTROL PANEL	CN 2213 3B	CWS	5110	8000	8000	0	0	0	0	0	0
WELD EQUIPMENT TABLE	WB 2214 3B	CWS	5110	550	550	0	0	0	0	0	0
INSPECTION EQUIPMENT TABLE	WB 2215 3B	CWS	5110	550	550	0	0	0	0	0	0
CANISTER WELDER #1 W/POWER PAC	WE 2217 3B	CWS	365	200	200	0	0	0	0	0	0
CANISTER WELDER #2 W/POWER PAC	WE 2218 3B	CWS	365	200	200	0	0	0	0	0	0
CWC MSM #1	MS 2219 3B	CWS	5110	1980	40	0	0	0	0	1940	0
CWC MSM #2	MS 2220 3B	CWS	5110	1980	40	0	0	0	0	1940	0
CWC WINDOW #1	SZ 2223 3B	CWS	5110	20000	0	0	0	0	0	19100	0
CWC CCTV & VIEWING STATION	TV 2225 3B	CWS	913	500	0	0	0	0	0	0	0
CWC CELL LIGHT ASSEMBLIES (8)	LT 2226 3B	CWS	5110	1200	0	0	0	0	0	1200	0
WELD INSPECTION EQUIPMENT (#1)	MY 2227 3B	CWS	5110	1000	0	0	0	0	0	0	0
CDC SHIELD WINDOW #1	SZ 2229 3B	CDS	5110	20000	0	0	0	0	0	19100	0
CDC SHIELD WINDOW #2	SZ 2230 3B	CDS	5110	20000	0	0	0	0	0	19100	0
CCTV CAMERA #1 W/VIEWING STATI	TV 2231 3B	CDS	913	500	0	0	0	0	0	0	0
CCTV CAMERA #2 W/VIEWING STATI	TV 2232 3B	CDS	913	500	0	0	0	0	0	0	0
CDC CELL LIGHT ASSEMBLIES (8)	LT 2245 3B	CDS	5110	1200	0	0	0	0	0	1200	0
STC CCTV #1 W/VIEWING STATION	TV 2246 3B	CST	913	500	0	0	0	0	0	0	0
STC CCTV #2 W/VIEWING STATION	TV 2247 3B	CST	913	500	0	0	0	0	0	0	0
CCTV LIFT TABLE (#1)	HD 2248 3B	CST	5110	6000	0	0	0	0	0	5990	0
CANISTER TURNTABLE W/CONTROL P	TU 2250 3B	CST	5110	6000	0	0	0	0	0	5990	0
PNEUMATIC TRANSFER SYSTEM (PTS	XE 2257 3B	CST	250	1000	0	0	0	0	0	0	0
PNEUMATIC TRANSFER SYSTEM (PTS	XE 2258 3B	CST	250	1000	0	0	0	0	0	0	0
PNEUMATIC TRANSFER SYSTEM (PTS	XE 2259 3B	CST	250	1000	0	0	0	0	0	0	0
PNEUMATIC TRANSFER SYSTEM (PTS	XE 2260 3B	CST	250	1000	0	0	0	0	0	0	0
RADIATION COUNTER #1	RE 2261 3B	CORRIDOR	0	0	0	0	0	0	0	0	0
RADIATION COUNTER #2	RE 2262 3B	CORRIDOR	0	0	0	0	0	0	0	0	0
RADIATION COUNTER #3	RE 2263 3B	CORRIDOR	0	0	0	0	0	0	0	0	0

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DESC	EQUIPMENT ID	LOCATION	MTBF	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
RADIATION COUNTER #4	RE 2264 3B	CORRIDOR	0	0	0	0	0	0	0	0	0
STC SHIELD WINDOW #1	SZ 2265 3B	CST	5110	20000	0	0	0	0	0	19100	0
GAMMA DETECTOR	RE 2268 3B	CST	0	0	0	0	0	0	0	0	0
NEUTRON DETECTOR	RE 2269 3B	CST	0	0	0	0	0	0	0	0	0
TEMPERATURE PROBE & CONTROL PA	TE 2270 3B	CST	365	20	0	0	0	0	0	20	0
STC LIGHT ASSEMBLIES (8)	LT 2271 3B	CST	5110	1200	0	0	0	0	0	1200	0
STC PERSONNEL ACCESS/SHIELD DO	SD 2273 3B	CST	5110	5300	0	0	0	0	0	0	0
OVERPACK STAGING BUILDING CRAN	CN 2285 3B	C/CB	5110	50000	0	0	0	0	0	0	0
OVERPACK DECON STAND	SR 2286 3B	ODS	5110	5000	0	0	0	0	0	5000	0
RADIATION COUNTER #1	RE 2287 3B	OST	0	0	0	0	0	0	0	0	0
RADIATION COUNTER #2	RE 2288 3B	OST	0	0	0	0	0	0	0	0	0
RADIATION COUNTER #3	RE 2289 3B	OST	0	0	0	0	0	0	0	0	0
RADIATION COUNTER #4	RE 2290 3B	OST	0	0	0	0	0	0	0	0	0
OVERPACK WELDING EQUIPMENT	WE 2291 3B	OWS	365	200	0	0	0	0	0	200	0
TRANSFER CART RAIL SYSTEM W/CO	CC 2292 3B	CWS	5110	40000	0	0	0	0	0	0	0
CANISTER TRANSFER CART #1	CC 2293 3B	CFA, CWS	5110	5000	0	4990	0	0	0	0	0
CANISTER TRANSFER CART #2	CC 2294 3B	CFA, CWS	5110	5000	0	4990	0	0	0	0	0
CANISTER TRANSFER CART #3	CC 2295 3B	CFA, CWS	5110	5000	0	4990	0	0	0	0	0
CANISTER TRANSFER CART #4	CC 2296 3B	CFA, CWS	5110	5000	0	4990	0	0	0	0	0
CANISTER TRANSFER CART #5	CC 2297 3B	CFA, CWS	5110	5000	0	4990	0	0	0	0	0
CANISTER TRANSFER CART #6	CC 2298 3B	CFA, CWS	5110	5000	0	4990	0	0	0	0	0
CANISTER TRANSFER CART #7	CC 2299 3B	CFA, CWS	5110	5000	0	4990	0	0	0	0	0
CANISTER TRANSFER CART #8	CC 2300 3B	CFA, CWS	5110	5000	0	4990	0	0	0	0	0
CANISTER HANDLING FORK LIFT	CN 2301 3B	C/CB	5110	7500	0	0	0	0	0	0	0
CANISTER ENTRY CRANE	CN 2304 3B	C/CB	5110	2000	0	0	0	0	0	0	0
CANISTER POSITIONING ARM	HD 325A 3B	CFA	548	900	0	0	0	0	0	0	0
CANISTER POSITIONING ARM	HD 325B 3B	CFA	548	900	0	0	0	0	0	0	0
GAMMA DETECTOR EMBED	MY 326A 3B	CFA	1574	4100	4100	0	0	0	0	4100	0
GAMMA DETECTOR EMBED TUBES	MY 326B 3B	CFA	2658	5200	0	0	0	0	0	0	0
COBALT SOURCE TREE	RA 327 3B	CFA	5110	800	800	800	0	0	0	0	0
ENTRY TUNNEL MOTORIZED HATCH (	RA 2320 3B	C/CB	5110	4000	0	0	0	0	0	4000	0
TUNNEL LIGHT ASSEMBLIES (8)	LT 2321 3B	CFA	5110	1200	0	0	0	0	0	1200	0
LOAD IN CCTV W/VIEWING STATIO	TV 2322 3B	CFA	913	500	0	0	0	0	0	500	0
PLUG INSERTION/REMOVAL DEVICE	HD 2323 3B	CFA	548	500	0	500	0	0	0	0	0
CFC MOTORIZED HATCH (NON-SHIEL	RA 2324 3B	CFA	5110	2000	0	0	0	0	0	2000	0
36-POSITION WATER-COOLED CANIS	SR 2325 3B	CCC	5110	50000	0	50000	0	0	0	0	0
CCC CANISTER HANDLING ROBOT	CN 2326 3B	CCC	5110	6000	0	500	0	0	0	5470	0
CCC CCTV W/VIEWING STATIO	TV 2328 3B	CCC	913	500	0	0	0	0	0	500	0

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DESC	EQUIPMENT ID	LOCATION	MTBF	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
CCC CELL LIGHT ASSEMBLIES (8)	LT 2329 3B	CCC	5110	1200	0	0	0	0	0	1200	0
CWC JIB CRANE W/ CONTROL PANEL	CN 2330 3B	CWS	5110	8000	0	500	0	0	0	0	0
CWC CART ENTRY DOOR	SD 2331 3B	CWS	5110	1200	0	0	0	0	0	0	0
CANISTER WELDER #3 W/ POWER PA	WE 2332 3B	CWS	365	200	0	0	0	0	0	0	0
CANISTER WELDER #4 W/ POWER PA	WE 2333 3B	CWS	365	200	0	0	0	0	0	0	0
WELD INSPECTION EQUIPMENT (#2)	MY 2334 3B	CWS	5110	1000	0	0	0	0	0	0	0
CWC MOTORIZED HATCH (NON-SHIEL	RA 2335 3B	CWS	5110	2000	0	0	0	0	0	2000	0
CDC CANISTER HANDLING ROBOT	CN 2336 3B	CDS	5110	6000	0	500	0	0	0	5470	0
CANISTER DECON TANK (#1)	TK 2337 3B	CDS	5110	2750	0	0	0	0	0	2750	0
CANISTER DECON TANK (#2)	TK 2338 3B	CDS	5110	2750	0	0	0	0	0	2750	0
CANISTER RINSE TANK (#1)	TK 2339 3B	CDS	5110	2750	0	0	0	0	0	2750	0
CANISTER RINSE TANK (#2)	TK 2340 3B	CDS	5110	2750	0	0	0	0	0	2750	0
CDC CART ENTRY DOOR	SD 2341 3B	CWS/CDS	5110	3370	0	0	0	0	0	3370	0
CDC CART EXIT DOOR	SD 2342 3B	CDS	5110	1200	0	0	0	0	0	1200	0
CDC MOTORIZED HATCH (SHIELDED)	RA 2343 3B	CDS	5110	4000	0	0	0	0	0	4000	0
CCTV LIFT TABLE (#2)	HD 2344 3B	CDS	5110	6000	0	0	0	0	0	5990	0
CANISTER TRUNTABLE W/ CONTROL	TU 2345 3B	CDS	5110	6000	0	0	0	0	0	5990	0
STC CANISTER HANDLING ROBOT	CN 2346 3B	CDS	5110	6000	0	500	0	0	0	5470	0
STC CANISTER EXIT/SHIELD DOOR	SD 2347 3B	CDS	5110	1200	0	0	0	0	0	0	0
CELL LIGHT ASSEMBLIES (8)	LT 2348 3B	CDS	5110	1200	0	0	0	0	0	1200	0
OVERPACK ENTRY CRANE	CN 2349 3B	C/CB	5110	2000	0	0	0	0	0	0	0
OVERPACK ENTRY HATCH (SHIELDED	RA 2350 3B	C/CB	5110	4000	0	0	0	0	0	0	0
CELL LIGHT ASSEMBLIES (8)	LT 2351 3B	CDS	5110	1200	0	0	0	0	0	1200	0
STC PERSONNEL ACCESS/SHIELD DO	SD 2352 3B	CDS	5110	5300	0	0	0	0	0	5300	0
OWC WINDOW	SZ 2353 3B	OWS	5110	20000	0	0	0	0	0	19100	0
OWC CCTV & VIEWING STATION	TV 2354 3B	OWS	913	500	0	0	0	0	0	500	0
OWC CELL LIGHT ASSEMBLIES (8)	LT 2355 3B	OWS	5110	1200	0	0	0	0	0	1200	0
WELD INSPECTION EQUIPMENT	MY 2356 3B	OWS	5110	1000	0	0	0	0	0	1000	0
OWC PERSONNEL ACCESS/SHIELD DO	SD 2357 3B	OWS	5110	5300	0	0	0	0	0	5300	0
PNEUMATIC TRANSFER SYSTEM (PTS	XE 2359 3B	OST	250	1000	0	0	0	0	0	0	0
PNEUMATIC TRANSFER SYSTEM (PTS	XE 2360 3B	OST	250	1000	0	0	0	0	0	0	0
CCTV W/ VIEWING STATION	TV 2361 3B	OST	913	500	0	0	0	0	0	500	0
CCTV LIFT TABLE	HD 2362 3B	OST	5110	6000	0	0	0	0	0	5590	0
OVERPACK TURNABLE W/ CONTROL	TU 2363 3B	OST	5110	6000	0	0	0	0	0	5590	0
TEMPERATURE PROBE & CONTROL PA	TE 2364 3B	OST	365	20	0	0	0	0	0	20	0
STC LIGHT ASSEMBLIES (8)	LT 2365 3B	OST	5110	1200	0	0	0	0	0	1200	0
STC OVERPACK HANDLING ROBOT	CN 2366 3B	OST	5110	6000	0	0	0	0	0	5970	0
GAMMA DETECTOR	RE 2368 3B	OST	0	0	0	0	0	0	0	0	0

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DESC	EQUIPMENT ID	LOCATION	MTBF	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
NEUTRON DETECTOR	RE 2369 3B	OST	0	0	0	0	0	0	0	0	0
ODC OVERPACK ENTRY/SHIELD DOOR	SD 2370 3B	ODS	5110	1200	0	0	0	0	0	0	0
CCTV W/ VIEWING STATION	TV 2371 3B	ODS	913	500	0	0	0	0	0	500	0
ODC LIGHT ASSEMBLIES (8)	LT 2372 3B	ODS	5110	1200	0	0	0	0	0	1200	0
OVERPACK LOAD OUT/WEIGH STATIO	SR 2374 3B	OST	5110	10000	0	0	0	0	0	10000	0
CCTV W/ VIEWING STATION	TV 2375 3B	OST	913	500	0	0	0	0	0	500	0
LOC LIGHT ASSEMBLIES (8)	LT 2376 3B	OST	5110	1200	0	0	0	0	0	1200	0
OVERPACK EXIT HATCH	RA 2377 3B	OST	5110	4000	0	0	0	0	0	0	0
CANISTER TRANSFER CART #9	CC 2378 3B	CFA/CWS	5110	5000	0	4990	0	0	0	0	0
CANISTER TRANSFER CART #10	CC 2379 3B	CFA/CWS	5110	5000	0	4990	0	0	0	0	0
CANISTER TRANSFER CART #11	CC 2380 3B	CFA/CWS	5110	5000	0	4990	0	0	0	0	0
CANISTER TRANSFER CART #12	CC 2381 3B	CFA/CWS	5110	5000	0	4990	0	0	0	0	0
TRANSFER CART RAIL SYSTEM W/ C	CC 2382 3B	OWS/OST	5110	40000	0	0	0	0	0	0	0
OVERPACK TRANSFER CART #1	CC 2383 3B	OWS/OST	5110	5000	0	0	0	0	0	4990	0
OVERPACK TRANSFER CART #2	CC 2384 3B	OWS/OST	5110	5000	0	0	0	0	0	4990	0
OVERPACK TRANSFER CART #3	CC 2385 3B	OWS/OST	5110	5000	0	0	0	0	0	4990	0
OVERPACK TRANSFER CART #4	CC 2386 3B	OWS/OST	5110	5000	0	0	0	0	0	4990	0
OVERPACK TRANSFER CART #5	CC 2387 3B	OWS/OST	5110	5000	0	0	0	0	0	4990	0
OVERPACK TRANSFER CART #6	CC 2388 3B	OWS/OST	5110	5000	0	0	0	0	0	4990	0
OVERPACK CELL HATCH (SHIELDED)	RA 2389 3B	C/CB	5110	4000	0	0	0	0	0	4000	0
OVERPACK JIB CRANE	CN 2390 3B	C/CB	5110	5000	0	0	0	0	0	0	0
ELECTRIC PROCESS STEAM GENERAT	EV 1124B 3B	CDT	7300	52000	0	0	0	0	0	0	0
ELECTRIC PROCESS STEAM GENERAT	E 1125B 3B	CDT	0	200	0	0	0	0	0	0	0
BOILER FEED WATER CHEMICAL INJ	P 1128B 3B	CDT	0	100	0	0	0	0	0	0	0
BLOWDOWN DRUM	TK 1129B 3B	CDT	5110	1000	0	0	0	0	0	0	0
CHEMICAL ADDITION TANK	TK 1130B 3B	CDT	5110	625	0	0	0	0	0	0	0
PROCESS CONDENSATE PUMP	P 1137C 3B	CDT	1825	500	0	0	0	0	0	0	0
PROCESS CONDENSATE PUMP	P 1137D 3B	CDT	1825	500	0	0	0	0	0	0	0
KEROSENE FEED TANK	TK 1216 3B	CDT	5110	0	0	0	0	0	0	0	0
KEROSENE FEED PUMP	P 1217A 3B	CDT	1825	200	0	0	0	0	0	0	0
KEROSENE FEED PUMP	P 1217B 3B	CDT	1825	200	0	0	0	0	0	0	0
ANTIFOAM FEED TANK	TK 1182 3B	CDT	5110	6000	0	0	0	0	0	0	0
CANISTER TRANSFER CART	CC 2391 3B	CFA	5110	5000	0	0	0	0	0	5000	0
CANISTER TRANSFER CART	CC 2392 3B	CWS	5110	5000	0	0	0	0	0	5000	0
TRANSFER CART RAIL SYSTEM W/CO	CC 2393 3B	CFA	5110	40000	0	0	0	0	0	0	0
TRANSFER CART RAIL SYSTEM W/CO	CC 2394 3B	CWS	5110	40000	0	0	0	0	0	0	0
CRANE (CONTACT MAINT CELL) N	CN 2395 3B	CMC	5110	18400	0	0	0	0	0	18370	0
CMA (RCDC) CRANE NOT REMOTE	CN 2396 3B	RCDC-CMA	5110	18400	0	0	0	0	0	18370	0

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DESC	EQUIPMENT ID	LOCATION	MTBF	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
CRANE (CENTRIFUGE/EVAPORATION)	CN 2397 3B	C/EC	5110	30000	0	1000	0	0	0	28970	0
CMA CRANE NOT REMOTE (CENTRIFU	CN 2398 3B	C/E-CMA	5110	25000	0	0	0	0	0	24970	0
CRANE (MELTER CELL) REMOTE WIT	CN 2399 3B	MC	5110	40000	0	1000	0	0	0	38970	0
CRANE (REDC) REMOTE WITH CCT	CN 2400 3B	RCDC	5110	40000	0	1000	0	0	0	38970	0
EMM (REDC) ON BRIDGE WITH CC	CN 2401 3B	RCDC	5110	6000	0	0	0	0	0	3970	0
CRANE (RAILROAD WILL) NOT RE	CN 2402 3B	RRW	5110	32000	0	0	0	0	0	0	0
SHIELD DOOR (CMA-RCDC)	SD 2403 3B	RCDC/CMP	5110	134000	0	0	0	0	0	0	0
SHIELD DOOR (CMA-CENTRIFUGE/EV	SD 2404 3B	C/EC	5110	96000	0	0	0	0	0	0	0
RCDC CUT-UP EQUIPMENT ONE LO	SD 2405 3B	RCDC	5110	7000	7000	7000	0	0	0	0	0
MELTER CUT UP CELL-CUT UP EQUI	SD 2406 3B	MCUC	5110	7000	7000	7000	0	0	0	0	0
MELTER CART RAIL SYSTEM W/CONT	CC 2408 3B	MC	5110	5500	0	0	0	0	0	0	0
METAL HEPA FILTER	FM 622A1 3B	CEC	5110	1500	1350	0	0	0	0	1500	0
METAL HEPA FILTER	FM 622A2 3B	CFR	5110	1500	1350	0	0	0	0	1500	0
METAL HEPA FILTER	FM 622B1 3B	CEC	5110	1500	1350	0	0	0	0	1500	0
METAL HEPA FILTER	FM 622B2 3B	CFR	5110	15000	1350	0	0	0	0	1500	0
METAL HEPA FILTER	FM 700A1 3B	CEC	5110	1200	1080	0	0	0	0	1200	0
METAL HEPA FILTER	FM 700A2 3B	CFR	5110	1200	1080	0	0	0	0	1200	0
METAL HEPA FILTER	FM 700B1 3B	CEC	5110	1200	1080	0	0	0	0	1200	0
METAL HEPA FILTER	FM 700B2 3B	CFR	5110	1200	1080	0	0	0	0	1200	0
METAL HEPA FILTER	FM 701A1 3B	CEC	5110	4500	2250	0	0	0	0	4500	0
METAL HEPA FILTER	FM 701A2 3B	CFR	5110	4500	2250	0	0	0	0	4500	0
METAL HEPA FILTER	FM 701B1 3B	CEC	5110	4500	2250	0	0	0	0	4500	0
METAL HEPA FILTER	FM 701B2 3B	CFR	5110	4500	2250	0	0	0	0	4500	0
	AG 300A 3B	R/SC	1825	1000	500	0	0	0	0	990	0
	P 300A 3B	R/SC	1825	2000	1000	0	0	0	0	1990	0
	CO 300A 3B	R/SC	1925	600	600	0	0	0	0	600	0
	AG 300B 3B	R/SC	1825	1000	500	0	0	0	0	990	0
	P 300B 3B	R/SC	1825	2000	1000	0	0	0	0	1990	0
	CO 300B 3B	R/SC	1925	600	600	0	0	0	0	600	0
	AG 300C 3B	R/SC	1825	1000	500	0	0	0	0	990	0
	P 300C 3B	R/SC	1825	2000	1000	0	0	0	0	1990	0
	CO 300C 3B	R/SC	1925	600	600	0	0	0	0	600	0
	AG 300D 3B	R/SC	1825	1000	500	0	0	0	0	990	0
	P 300D 3B	R/SC	1825	2000	1000	0	0	0	0	1990	0
	CO 300D 3B	R/SC	1925	600	600	0	0	0	0	600	0
	AG 300E 3B	R/SC	1825	1000	500	0	0	0	0	990	0
	P 300E 3B	R/SC	1825	2000	1000	0	0	0	0	1990	0
	CO 300E 3B	R/SC	1925	600	600	0	0	0	0	600	0

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DESC	EQUIPMENT ID	LOCATION	MTBF	TOTAL_WT	EQWTXPOS	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
AG	300F 3B	R/SC	1825	1000	500	0	0	0	0	990	0
P	300F 3B	R/SC	1825	2000	1000	0	0	0	0	1990	0
CO	300F 3B	R/SC	1925	600	600	0	0	0	0	600	0
AG	302A 3B	CEC	731	4500	675	0	0	0	0	4490	0
P	302A 3B	CEC	1825	2000	1000	0	0	0	0	1990	0
CO	302A 3B	CEC	1925	400	400	0	0	0	0	400	0
AG	302B 3B	CEC	731	4500	675	0	0	0	0	4490	0
P	302B 3B	CEC	1825	2000	1000	0	0	0	0	1990	0
CO	302B 3B	CEC	1925	400	400	0	0	0	0	400	0
AG	304A 3B	CEC	731	10000	1500	1500	0	0	0	0	0
P	304A 3B	CEC	1825	2000	1000	990	0	0	0	0	0
CO	304A 3B	CEC	1925	400	400	400	0	0	0	0	0
AG	304B 3B	CEC	731	10000	1500	1500	0	0	0	0	0
P	304B 3B	CEC	1825	2000	1000	990	0	0	0	0	0
CO	304B 3B	CEC	1925	400	400	400	0	0	0	0	0
AG	307A 3B	CEC	731	5300	795	0	0	0	0	5290	0
P	307A 3B	CEC	1825	2000	1000	0	0	0	0	1990	0
CO	307B 3B	CEC	1925	1500	1500	0	0	0	0	1500	0
AG	307B 3B	CEC	731	5300	795	0	0	0	0	5290	0
P	307B 3B	CEC	1825	2000	1000	0	0	0	0	1990	0
CO	307A 3B	CEC	1925	1500	1500	0	0	0	0	1500	0
AG	309 3B	CEC	731	5300	795	0	0	0	0	5290	0
P	309 3B	CEC	1825	2000	1000	0	0	0	0	1990	0
CO	309 3B	CEC	1925	750	750	0	0	0	0	750	0
AG	313 3B	CEC	731	5300	795	795	0	0	0	0	0
P	313 3B	CEC	1825	2000	1000	990	0	0	0	0	0
CO	313 3B	CEC	1925	300	300	300	0	0	0	0	0
AG	315A 3B	CEC	731	10000	1500	1500	0	0	0	0	0
P	315A 3B	CEC	1825	2000	1000	990	0	0	0	0	0
CO	315A 3B	CEC	1925	400	400	400	0	0	0	0	0
AG	315B 3B	CEC	731	10000	1500	1500	0	0	0	0	0
P	315B 3B	CEC	1825	2000	1000	990	0	0	0	0	0
CO	315B 3B	CEC	1925	400	400	400	0	0	0	0	0
AG	317A 3B	CEC	731	10000	1500	1500	0	0	0	0	0
P	317A 3B	CEC	1825	2000	1000	990	0	0	0	0	0
CO	317A 3B	CEC	1925	400	400	400	0	0	0	0	0
AG	317B 3B	CEC	731	10000	1500	1500	0	0	0	0	0
P	317B 3B	CEC	1825	2000	1000	990	0	0	0	0	0

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DESC	EQUIPMENT ID	LOCATION	MTBF	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
CANDLES CATALYST CATALYST HOUSING CATALYST HOUSING CATALYST	CO 317B 3B	CEC	1925	400	400	400	0	0	0	0	0
	CO 608 3B	MC	1925	400	400	0	0	0	0	400	0
	P 608 3B	MC	1825	2000	1000	0	0	0	0	1990	0
	AG 608 3B	MC	1825	1000	500	0	0	0	0	990	0
	CA 605 3B	MC	1095	9000	9000	9000	0	0	0	0	0
	CA 630 3B	CFR	1045	500	500	0	0	0	0	500	0
	CA 632 3B	CFR	1095	2000	2000	0	0	0	0	2000	0
	CA 633 3B	CFR	1095	500	500	0	0	0	0	500	0
	CA 635 3B	CFR	1095	500	500	0	0	0	0	500	0
	CO 800A 3B	CCF	1925	400	400	0	0	0	0	400	0
	P 800A 3B	CCF	1825	2000	1000	0	0	0	0	1990	0
	AG 800A 3B	CCF	1825	1000	500	0	0	0	0	990	0
	CO 800B 3B	CCF	1925	400	400	0	0	0	0	400	0
	P 800B 3B	CCF	1825	2000	1000	0	0	0	0	1990	0
	AG 800B 3B	CCF	1825	1000	500	0	0	0	0	990	0
	CO 800C 3B	CCF	1925	400	400	0	0	0	0	400	0
	P 800C 3B	CCF	1825	2000	1000	0	0	0	0	1990	0
	AG 800C 3B	CCF	1825	1000	500	0	0	0	0	990	0
	CO 803 3B	CCF	1925	400	400	0	0	0	0	400	0
	P 803 3B	CCF	1825	2000	1000	0	0	0	0	1990	0
	AG 803 3B	CCF	1825	1000	500	0	0	0	0	990	0
B-14 ELEMENT ELEMENT ELEMENT ELEMENT ELEMENT ELEMENT ELEMENT ELEMENT ELEMENT ELEMENT ELEMENT ELEMENT ELEMENT ELEMENT ELEMENT ELEMENT ELEMENT ELEMENT ELEMENT	CO 702 3B	CEC	1925	400	400	0	0	0	0	400	0
	P 702 3B	CEC	1825	2000	1000	0	0	0	0	1990	0
	AG 702 3B	CEC	1825	1000	500	0	0	0	0	990	0
	FH 1107A 3B	CDT	731	120	120	0	0	0	0	120	0
	FH 1107B 3B	CDT	731	120	120	0	0	0	0	120	0
	FH 1108A 3B	CDT	731	120	120	0	0	0	0	120	0
	FH 1109A 3B	CDT	731	180	180	0	0	0	0	180	0
	FH 1109B 3B	CDT	731	180	180	0	0	0	0	180	0
	FH 1110 3B	CTA	731	150	150	0	0	0	0	150	0
	FH 1111 3B	CTA	731	150	150	0	0	0	0	150	0
	FH 1108B 3B	CDT	731	120	120	0	0	0	0	120	0
	FH 1112 3B		731	150	150	0	0	0	0	150	0
	FH 1113 3B	CTA	731	150	150	0	0	0	0	150	0
	FH 1114A 3B	CTA	731	150	150	0	0	0	0	150	0
	FH 1114B 3B	CTA	731	150	150	0	0	0	0	150	0
	FH 1114C 3B	CTA	731	150	150	0	0	0	0	150	0
	FH 1114D 3B	CTA	731	150	150	0	0	0	0	150	0

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DESC	EQUIPMENT ID	LOCATION	MTBF	TOTAL_WT	EQWTEXPOSD	TRUUNIT	TRULOF	MTRUUNIT	MTRULOF	LLC1UNIT	LLC1LOF
ELEMENT	FH 1115 3B	CTA	731	150	150	0	0	0	0	150	0
ELEMENT	FH 1116 3B	CTA	731	150	150	0	0	0	0	150	0
ELEMENT	FH 1117A 3B	CDT	731	150	150	0	0	0	0	150	0
ELEMENT	FH 1117B 3B	CDT	731	150	150	0	0	0	0	150	0
ELEMENT	FH 1118A 3B	CDT	731	225	225	0	0	0	0	225	0
ELEMENT	FH 1118D 3B	CDT	731	225	225	0	0	0	0	225	0
ELEMENT	FH 1118B 3B	CDT	731	225	225	0	0	0	0	225	0
ELEMENT	FH 1118C 3B	CDT	731	225	225	0	0	0	0	225	0
ELEMENT	FH 1118G 3B	CDT	731	225	225	0	0	0	0	225	0
ELEMENT	FH 1118H 3B	CDT	731	225	225	0	0	0	0	225	0
ELEMENT	FH 1120 3B	CDT	731	150	150	0	0	0	0	150	0
ELEMENT	FH 1121 3B	CDT	731	150	150	0	0	0	0	150	0
ELEMENT	FH 1122 3B	CDT	731	150	150	0	0	0	0	150	0
ELEMENT	FH 1123 3B	CDT	731	150	150	0	0	0	0	150	0
ELEMENT	FH 1118E 3B	CDT	731	225	225	0	0	0	0	225	0
ELEMENT	FH 1118F 3B	CDT	731	225	225	0	0	0	0	225	0
ELEMENT	FL 1214 3B	CDT	0	150	150	0	0	0	0	0	0
TV	2208 3B	CFA	5110	500	0	0	0	0	0	0	0
MS	2219 3B	CWS	2219	20	20	0	0	0	0	0	0
MS	2220 3B	CWS	168	20	20	0	0	0	0	0	0
TV	2225 3B	CWS	5110	500	0	0	0	0	0	0	0
TV	2231 3B	CDS	5110	500	0	0	0	0	0	0	0
TV	2246 3B	CST	5110	500	0	0	0	0	0	0	0
TV	2247 3B	CST	5110	500	0	0	0	0	0	0	0
TV	2322 3B	CFA	5110	500	0	0	0	0	0	500	0
TV	2328 3B	CCC	5110	500	0	0	0	0	0	500	0
TV	2354 3B	OVS	5110	500	0	0	0	0	0	500	0
TV	2361 3B	OST	5110	500	0	0	0	0	0	500	0
TV	2371 3B	ODS	5110	500	0	0	0	0	0	500	0
TV	2375 3B	OST	5110	500	0	0	0	0	0	500	0
TV	2232 3B	CDS	5110	500	0	0	0	0	0	0	0
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