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		Date November 30, 1994
Project Title/Work Order -SE WHC-SD-REL-001 Rev 2, "PUREX Plant Safety Equipment List For DEACTIVATION"		EDT No. 607489
		ECN No. 613885

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Page 1 of 21. ECN 613885Proj.
ECN

2. ECN Category (mark one) Supplemental <input type="checkbox"/> Direct Revision <input checked="" type="checkbox"/> Change ECN <input type="checkbox"/> Temporary <input type="checkbox"/> Standby <input type="checkbox"/> Supersedure <input type="checkbox"/> Cancel/Void <input type="checkbox"/> <i>RW 11/30/94</i>		3. Originator's Name, Organization, MSIN, and Telephone No. R. L. Walser, PUREX/UO ₃ Technical Safety Support, S6-19, 373-3522		4. Date 11/7/94	
5. Project Title/No./Work Order No. PUREX DEACTIVATION		6. Bldg./Sys./Fac. No. PUREX/202A		7. Approval Designator S	
8. Document Numbers Changed by this ECN (includes sheet no. and rev.) WHC-SD-RE-SEL-001 Rev 1		9. Related ECN No(s). NA		10. Related PO No. NA	
11a. Modification Work <input type="checkbox"/> Yes (fill out Blk. 11b) <input checked="" type="checkbox"/> No (NA Blks. 11b, 11c, 11d)		11b. Work Package No. NA		11c. Modification Work Complete NA _____ Cog. Engineer Signature & Date	
				11d. Restored to Original Condition (Temp. or Standby ECN only) NA _____ Cog. Engineer Signature & Date	
12. Description of Change The document is extensively revised to list only the Safety Class 1 and 2 equipment applicable for DEACTIVATION. Change bars are not shown due to the extent of the revision.					
13a. Justification (mark one) Criteria Change <input checked="" type="checkbox"/> Design Improvement <input type="checkbox"/> Environmental <input type="checkbox"/> As-Found <input type="checkbox"/> Facilitate Const. <input type="checkbox"/> Const. Error/Omission <input type="checkbox"/> Design Error/Omission <input type="checkbox"/>					
13b. Justification Details See block 12.					
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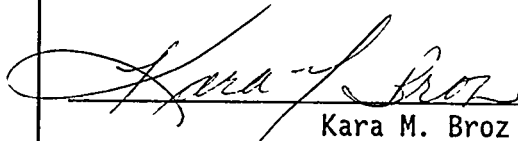
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Release Date: 11/30/94

This document was reviewed following the
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November 30, 1994

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SUPPORTING DOCUMENT

1. Total Pages 6

2. Title

PUREX Plant Safety Equipment List For DEACTIVATION

3. Number

WHC-SD-RE-SEL-001

4. Rev No.

2

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7. Abstract

This document provides a list of equipment and/or systems essential to the continuing safety of the PUREX facility during DEACTIVATION. The basis for the list is provided in WHC-SD-RD-022 Rev 1. Equipment selection is based on WHC-CM-1-3, MRP 5.46 as implemented by WHC-CM-4-46, Section 9.0.

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WHC-SD-RE-SEL-001 Rev 2
PUREX PLANT SAFETY EQUIPMENT LIST FOR DEACTIVATION

This document provides a list of equipment and/or systems essential to the continuing safety of the PUREX facility during DEACTIVATION. The basis for the safety equipment list (SEL) is provided in WHC-SD-RD-022 Rev 1. Equipment selection is based on WHC-CM-1-3, MRP 5.46 as implemented by WHC-CM-4-46, Section 9.0.

Format

The safety equipment list is divided into two sections: (1) Process Equipment and (2) Process Instrumentation. As explained below, only section (1) is included in this document.

- (1) Process Equipment - The SEL includes each piece of safety class 1 and 2 equipment number, equipment name, safety class, and the WHC-CM-4-46 criteria for being included on the list.
- (2) Process Instrumentation - Safety class instrumentation is defined in the Component Based Recall System (CBRS) data base and controlled per CBRS procedures in WHC-CM-8-7. All instruments identified as Safety Class 1 or 2 are considered part of the safety equipment list. [Instruments required to maintain parameters within Operational Safety Requirements (OSR) are Safety Class 2.]

WHC-SD-RE-SEL-001 Rev 2
PUREX PLANT SAFETY EQUIPMENT LIST FOR DEACTIVATION

PUREX Plant Safety Equipment List for DEACTIVATION			
EQUIPMENT NUMBER	EQUIPMENT NAME	CRITERIA	SAFE. CLASS
FH-V11-4-1	CANYON EXHAUST FINAL STAGE HEPA FILTER	20	1
FH-V11-4-2	CANYON EXHAUST FINAL STAGE HEPA FILTER	20	1
FH-V11-4-3	CANYON EXHAUST FINAL STAGE HEPA FILTER	20	1
FH-V11-4-4	CANYON EXHAUST FINAL STAGE HEPA FILTER	20	1
FH-V11-4-5	CANYON EXHAUST FINAL STAGE HEPA FILTER	20	1
FH-V11-4-6	CANYON EXHAUST FINAL STAGE HEPA FILTER	20	1
FH-V11-4-7	CANYON EXHAUST FINAL STAGE HEPA FILTER	20	1
FH-V11-4-8	CANYON EXHAUST FINAL STAGE HEPA FILTER	20	1
FH-V11-4-9	CANYON EXHAUST FINAL STAGE HEPA FILTER	20	1
FH-V11-4-10	CANYON EXHAUST FINAL STAGE HEPA FILTER	20	1
FH-V21-1	PR EXHAUST FINAL STAGE HEPA FILTER	20	1
FH-V21-1A	PR EXHAUST FINAL STAGE HEPA FILTER	20	1
FH-V22-1	WEST SAMPLE GALLERY HOOD EXHAUST FINAL STAGE HEPA FILTER	20	1
FH-V23-1	EAST SAMPLE GALLERY HOOD EXHAUST FINAL STAGE HEPA FILTER	20	1
FH-V24-1	WEST SAMPLE GALLERY ROOM EXHAUST FINAL STAGE HEPA FILTER	20	1
FH-V24-1A	WEST SAMPLE GALLERY ROOM EXHAUST FINAL STAGE HEPA FILTER	20	1
FH-V25-1	EAST SAMPLE GALLERY ROOM EXHAUST FINAL STAGE HEPA FILTER	20	1
FH-V31-3	WHITE ROOM EXHAUST FINAL STAGE HEPA FILTER	20	1
FH-V31-4	WHITE ROOM EXHAUST FINAL STAGE HEPA FILTER	20	1
202-A	PUREX CANYON CONTAINMENT STRUCTURE	20	1
291-AE	PUREX FOURTH FILTER BUILDING	20	1
FH-V11-4-1	CANYON EXHAUST FIRST STAGE HEPA FILTER	21	2
FH-V11-4-2	CANYON EXHAUST FIRST STAGE HEPA FILTER	21	2
FH-V11-4-3	CANYON EXHAUST FIRST STAGE HEPA FILTER	21	2
FH-V11-4-4	CANYON EXHAUST FIRST STAGE HEPA FILTER	21	2
FH-V11-4-5	CANYON EXHAUST FIRST STAGE HEPA FILTER	21	2

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PUREX Plant Safety Equipment List for DEACTIVATION			
EQUIPMENT NUMBER	EQUIPMENT NAME	CRI-TERIA	SAFE. CLASS
FH-V11-4-6	CANYON EXHAUST FIRST STAGE HEPA FILTER	21	2
FH-V11-4-7	CANYON EXHAUST FIRST STAGE HEPA FILTER	21	2
FH-V11-4-8	CANYON EXHAUST FIRST STAGE HEPA FILTER	21	2
FH-V11-4-9	CANYON EXHAUST FIRST STAGE HEPA FILTER	21	2
FH-V11-4-10	CANYON EXHAUST FIRST STAGE HEPA FILTER	21	2
FH-V21-2	PR EXHAUST PRIMARY STAGE HEPA FILTER	21	2
FH-V21-2A	PR EXHAUST PRIMARY STAGE HEPA FILTER	21	2
CAS SYSTEM	CRITICALITY ALARM SYSTEM	21	2
ACPRSR-1 (C-V93-1) ¹	N CELL DRY AIR COMPRESSOR	21 ¹	2
ACPRSR-2 (C-V93-2) ¹	N CELL DRY AIR COMPRESSOR	21 ¹	2
ADYR-1 ¹	N CELL DRY AIR DRYER	21 ¹	2
ADYR-2 ¹	N CELL DRY AIR DRYER	21 ¹	2
AUTOMATIC WET PIPE SPRINKLER ²	N CELL FIRE PROTECTION (NON-GLOVEBOX)	21	2
N-CELL HALON SYSTEM ²	N-CELL HALON SYSTEM	21	2
EF-V11-1	CANYON ELECTRICAL EXHAUST FAN	21	2
EF-V11-2	CANYON ELECTRICAL EXHAUST FAN	21	2
EF-V11-3	CANYON ELECTRICAL EXHAUST FAN	21	2
EF-V11-4	CANYON ELECTRICAL EXHAUST FAN	21	2
EF-V21-1	PR ROOM EXHAUST FAN	21	2
EF-V21-1A	PR ROOM EXHAUST FAN	21	2
EF-V22-1	WEST SAMPLE GALLERY HOOD EXHAUST FAN	21	2
EF-V23-1	EAST SAMPLE GALLERY HOOD EXHAUST FAN	21	2
EF-V24-1	WEST SAMPLE GALLERY ROOM EXHAUST FAN	21	2
EF-V24-2	WEST SAMPLE GALLERY ROOM EXHAUST FAN	21	2
EF-V25-1	EAST SAMPLE GALLERY ROOM EXHAUST FAN	21	2
EF-V31-1	WHITE ROOM EXHAUST FAN	21	2

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PUREX PLANT SAFETY EQUIPMENT LIST FOR DEACTIVATION

PUREX Plant Safety Equipment List for DEACTIVATION			
EQUIPMENT NUMBER	EQUIPMENT NAME	CRITERIA	SAFE. CLASS
EF-V31-2	WHITE ROOM EXHAUST FAN	21	2
EF-V41-1	LABORATORY EXHAUST FAN	21	2
EF-V41-1A	LABORATORY EXHAUST FAN	21	2

¹Safety Class 2 if plutonium compounds are being loaded into sealed containers, otherwise Safety Class 4.

²Safety Class 2 until plutonium is removed or stabilized, then Safety Class 4.