

DISTRIBUTION SHEET

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		Date November 30, 1994				
Project Title/Work Order <i>-SE</i>		EDT No. 607489				
WHC-SD-REL-001 Rev 2, "PUREX Plant Safety Equipment List For DEACTIVATION"		ECN No. 613885				
Name	MSIN	Text With All Attach.	Text Only	Attach./ Appendix Only	EDT/ECN Only	
Central Files	L8-04	x				
OSTI (2)	L8-07	x				
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D. A. Clapp	S6-19	x				
R. N. Dale	S5-51	x				
E. N. Dodd	S6-19	x				
W. H. Doggett	S5-75	x				
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M. B. Enghusen	S6-18	x				
R. A. Gregonis	S5-75	x				
D. G. Hamrick	S6-15	x				
D. G. Harlow	S6-19	x				
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J. S. Hertzel	S5-66	x				
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D. H. Shuford	S5-65	x				
C. D. Wollam	S6-17	x				

H COMPLETE

ENGINEERING CHANGE NOTICE

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1. ECN

613885

Proj.
ECN

2. ECN Category (mark one)		3. Originator's Name, Organization, MSIN, and Telephone No.		4. Date
Supplemental Direct Revision Change ECN Temporary Standby Supersedure Cancel/Void <i>RJW/DP</i> <i>11/30/94</i>		R. L. Walser, PUREX/UO ₃ Technical Safety Support, S6-19, 373-3522		11/7/94
		5. Project Title/No./Work Order No.	6. Bldg./Sys./Fac. No.	7. Approval Designator
		PUREX DEACTIVATION	PUREX/202A	S
11a. Modification Work		11b. Work Package No.	11c. Modification Work Complete	11d. Restored to Original Condition (Temp. or Standby ECN only)
[] Yes (fill out Blk. 11b) [X] No (NA Blks. 11b, 11c, 11d)		NA	NA	NA
		Cog. Engineer Signature & Date		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 Criteria Change [X] Design Improvement [] Environmental [] As-Found [] Facilitate Const. [] Const. Error/Omission [] Design Error/Omission []				
13b. Justification Details See block 12.				
14. Distribution (include name, MSIN, and no. of copies) See document distribution list.				RELEASE STAMP OFFICIAL RELEASE BY WHC DATE NOV 30 1994 <i>Sta 4</i>

A-7900-013-2 (06/94) GEF095

A-7900-013-1 (04/94)

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ENGINEERING CHANGE NOTICE

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1. ECN (use no. from pg. 1)
613885

15. Design Verification Required	16. Cost Impact		17. Schedule Impact (days)	
	ENGINEERING		CONSTRUCTION	
<input type="checkbox"/> Yes	Additional Savings	[NA] \$	Additional Savings	[NA] \$
<input checked="" type="checkbox"/> No	[NA] \$		[NA] \$	

18. Change Impact Review: Indicate the related documents (other than the engineering documents identified on Side 1) that will be affected by the change described in Block 12. Enter the affected document number in Block 19.

SDD/DD	[]	Seismic/Stress Analysis	[]	Tank Calibration Manual	[]
Functional Design Criteria	[]	Stress/Design Report	[]	Health Physics Procedure	[]
Operating Specification	[]	Interface Control Drawing	[]	Spares Multiple Unit Listing	[]
Criticality Specification	[]	Calibration Procedure	[]	Test Procedures/Specification	[]
Conceptual Design Report	[]	Installation Procedure	[]	Component Index	[]
Equipment Spec.	[]	Maintenance Procedure	[]	ASME Coded Item	[]
Const. Spec.	[]	Engineering Procedure	[]	Human Factor Consideration	[]
Procurement Spec.	[]	Operating Instruction	[]	Computer Software	[]
Vendor Information	[]	Operating Procedure	[]	Electric Circuit Schedule	[]
OM Manual	[]	Operational Safety Requirement	[]	ICRS Procedure	[]
FSAR/SAR	[]	IEFD Drawing	[]	Process Control Manual/Plan	[]
Safety Equipment List	[]	Cell Arrangement Drawing	[]	Process Flow Chart	[]
Radiation Work Permit	[]	Essential Material Specification	[]	Purchase Requisition	[]
Environmental Impact Statement	[]	Fac. Proc. Samp. Schedule	[]	Tickler File	[]
Environmental Report	[]	Inspection Plan	[]		[]
Environmental Permit	[]	Inventory Adjustment Request	[]		[]

19. Other Affected Documents: (NOTE: Documents listed below will not be revised by this ECN.) Signatures below indicate that the signing organization has been notified of other affected documents listed below.

Document Number/Revision Document Number/Revision Document Number Revision

NA

20. Approvals

Signature	Date	Signature	Date
<u>OPERATIONS AND ENGINEERING</u>			
Cog. Eng. R. L. Walser <i>R.L. Walser</i>	<u>11/29/94</u>	PE NA	
Cog. Mgr. D. G. Harlow <i>D.G. Harlow</i>	<u>11/29/94</u>	QA NA	
QA NA		Safety NA	
Safety R. V. Skinner <i>R.V. Skinner</i>	<u>11/30/94</u>	Design NA	
Environ. NA		Environ. NA	
Other <i>R.W. Bailey</i>	<u>11/30/94</u>	Other NA	
<u>DEPARTMENT OF ENERGY</u>			
		Signature or a Control Number that tracks the Approval Signature	
		NA	
		<u>ADDITIONAL</u>	

RELEASE AUTHORIZATION

Document Number: WHC-SD-RE-SEL-001, REV 2

Document Title: PUREX Plant Safety Equipment List For DEACTIVATION

Release Date: 11/30/94

This document was reviewed following the procedures described in WHC-CM-3-4 and is:

APPROVED FOR PUBLIC RELEASE

WHC Information Release Administration Specialist:



Kara M. Broz

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.

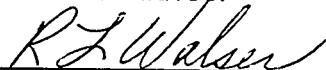
2

5. Key Words

PUREX, Safety, Equipment, List, DEACTIVATION

6. Author

Name: R. L. Walser



Signature

PUREX/UO₂ Technical Safety
Support/17700

Organization/Charge Code

7. Abstract

KMB 11/30/94

APPROVED FOR
PUBLIC RELEASE

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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8. RELEASE STAMP

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

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	CRI-TERIA	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

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	CRI-TERIA	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.