

TO: G.C. COMFORT
FROM: B.J. HOFFMAN

WV-52 TEL: 716 942-4572

NRC HEADQUARTERS

DATE: 01/24/97

PAGE: 1

TRANSMITTAL NUM: 000008806

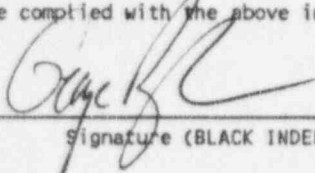
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Attached is a CONTROLLED COPY of the following document(s) and its applicable index. Add or replace your existing copy with the attached.

CONTROLLED COPY#	PROC ID	REV#	FC#	ISSUE DATE	PROCEDURE TITLE
007	PSR-5	1	1	01/24/97	STANDBY AND BACKUP POWER REQUIREMENTS

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I have complied with the above instructions:



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Date

RETURN BY: 02/07/97

040054

FOR YOUR CONVENIENCE, A SELF-ADDRESSED, STAMPED ENVELOPE HAS BEEN INCLUDED.

9702040293 970120
PDR PROJ
M-32

PDR

DATE: 01/24/97
TIME: 08:26

PROCESS SAFETY REQUIREMENTS
WVDP-218
INDEX

PAGE: 1

<u>PROC ID</u>	<u>REV</u>	<u>FC</u>	<u>PROCEDURE TITLE</u>	<u>STATUS</u>	<u>ISSUE DATE</u>	<u>LOGNIZANT MANAGER</u>
WVDP-218	7		PREFACE FOR PROCESS SAFETY REQUIREMENTS	ACTIVE	08/09/96	LAZZARO, J.A.
WVDP-218	7	1	PREFACE FOR PROCESS SAFETY REQUIREMENTS	ACTIVE	11/19/96	LAZZARO, J.A.
PSR-1	1		REQUIREMENTS FOR LIQUID TRANSFERS OF FISSILE MATERIAL	ACTIVE	03/15/96	POTTS, W.J.
PSR-2	1		MAIN PLANT STACK AIRBORNE EFFLUENT SAMPLING SYTEM REQUIREMENTS	ACTIVE	03/15/96	POTTS, W.J.
PSR-3	1		BUILDING AND VESSEL VENTILATION SYSTEM REQUIREMENTS	ACTIVE	03/15/96	POTTS, W.J.
PSR-5	1		STANDBY AND BACKUP POWER REQUIREMENTS	ACTIVE	03/15/96	POTTS, W.J.
PSR-5	1	1	STANDBY AND BACKUP POWER REQUIREMENTS	ACTIVE	01/24/97	POTTS, W.J.
PSR-6	1		FISSILE MATERIAL PACKAGING AND STORAGE REQUIREMENTS	ACTIVE	07/10/96	KLANIAN, P.S.
PSR-7	1		EVACUATION ALARM, EMERGENCY PAGING SYSTEM, AND SHELTERING ALARM REQUIREMENTS	ACTIVE	03/15/96	WINGER, P.G.
PSR-8	1		FIRE PROTECTION SYSTEMS REQUIREMENTS	ACTIVE	03/15/96	WINGER, P.G.
PSR-8	1	1	FIRE PROTECTION SYSTEMS REQUIREMENTS	ACTIVE	01/23/97	WINGER, P.G.
PSR-10	2		HIGH-LEVEL WASTE TANK LEAK DETECTION SYSTEM REQUIREMENTS	ACTIVE	05/08/96	MEESS, D.C.
PSR-11	1		HIGH-LEVEL WASTE TANK SPARE CAPACITY REQUIREMENTS	ACTIVE	03/15/96	MEESS, D.C.
PSR-12	2		VITRIFICATION FACILITY VENTILATION AND OFF-GAS SYSTEMS REQUIREMENTS	ACTIVE	03/28/96	MEESS, D.C.
PSR-12	2	1	VITRIFICATION FACILITY VENTILATION AND OFF-GAS SYSTEMS REQUIREMENTS	ACTIVE	07/11/96	MEESS, D.C.
PSR-12	2	2	VITRIFICATION FACILITY VENTILATION AND OFF-GAS SYSTEMS REQUIREMENTS	ACTIVE	10/07/96	MEESS, D.C.
PSR-13	2		VITRIFICATION FACILITY STANDBY POWER REQUIREMENTS	ACTIVE	03/28/96	MEESS, D.C.
PSR-13	2	1	VITRIFICATION FACILITY STANDBY POWER REQUIREMENTS	ACTIVE	05/24/96	MEESS, D.C.
PSR-13	2	2	VITRIFICATION FACILITY STANDBY POWER REQUIREMENTS	ACTIVE	07/11/96	MEESS, D.C.
PSR-15	2		VITRIFICATION FACILITY NON-RADIOLOGICAL SYSTEM MONITORING REQUIREMENTS	ACTIVE	05/16/96	MEESS, D.C.
PSR-16	4		ANHYDROUS AMMONIA REQUIREMENTS	ACTIVE	10/30/96	MEESS, D.C.
PSR-16	4	1	ANHYDROUS AMMONIA REQUIREMENTS	ACTIVE	12/20/96	MEESS, D.C.
PSR-17	1		MINIMUM STAFFING LEVELS FOR SAFE FACILITY OPERATION	ACTIVE	08/05/96	LAZZARO, J.A.
PSR-9	1		TN-BRP AND TN-REG SHIPPING CASK LID INSTALLATION	CANCELLED	03/15/96	LAZZARO, J.A.
PSR-14	1		VITRIFICATION FACILITY CONFINEMENT BARRIER REQUIREMENTS	CANCELLED	03/15/96	LAZZARO, J.A.

WEST VALLEY NUCLEAR SERVICES CO., INC.
RECORD OF FIELD/PAGE CHANGE

Document ID No. PSR-5 v. No. 1 FC/PC No. PC1
Cognizant Author R. F. Mignoli Date 01/16/97 Page 1 of 2

Approval Signatures:

<u>R. F. Mignoli</u> Cognizant Author (Printed Name)	<u>[Signature]</u> (Signature)	<u>1/16/97</u> Date
<u>[Signature]</u> Cognizant Manager (Printed Name)	<u>W. J. Potts</u> (Signature)	<u>1/16/97</u> Date
<u>J. F. Jablonski</u> (Printed Name)	<u>[Signature]</u> (Signature)	<u>1-16-97</u> Date
<u>J. A. Lazzaro</u> (Printed Name)	<u>[Signature]</u> (Signature)	<u>01/16/97</u> Date
<u>J. J. Volpe</u> (Printed Name)	<u>[Signature]</u> (Signature)	<u>1/20/97</u> Date
_____ (Printed Name)	_____ (Signature)	_____ Date
_____ (Printed Name)	_____ (Signature)	_____ Date

1. USQD, WV-3306: ☐ Attached
☒ Not Attached; USQD Safety Exclusion Previously completed and sent to Records Management (per WV-914).
2. Cognizant Manager ☒ if FC/PC Constitutes a Periodic Review: ☐
3. Are other documents impacted by these changes: ☒ No
☐ Yes If Yes, complete WV-2006.

OPERATIONS PROCEDURES (SOPs/SIPs/DVPs) ONLY:

1. ☐ The following changes are Waste Form Acceptance Impacting.
☒ The following changes are Waste Form Acceptance Non-Impacting.
2. Walk-through Required on WV-3802 (Optional): ☒ No ☐ Yes
If Yes, signature indicating walk-through complete:

Operations Manager/Designee (Printed Name) (Signature) Date

3. Training Required: ☒ No ☐ Yes

If yes, contact responsible Training Coordinator (if applicable) & initiate WV-1719.

WEST VALLEY NUCLEAR SERVICES CO., INC.
RECORD OF FIELD/PAGE CHANGE CONTINUATION FORM

Document ID No. PSR-5
FC/PC No. PC1

Rev. No. 1
Page 2 of 2

[illegible]

WVNS RECORD OF REVISION

DOCUMENT

If there are changes to the controlled document, the revision number increases by one. Indicate changes by one of the following:

- Placing a vertical black line in the margin adjacent to sentence or paragraph that was revised.
- Placing the words GENERAL REVISION at the beginning of the text.
- Placing either FC#> or PC#> (whichever applies) in the left-hand margin at the beginning of the paragraph or section where the field/page change has been made AND placing a vertical black line in the margin adjacent to the actual change.

Example:

The vertical line in the margin indicates a change. |

FC1> The FC#> in the margin along with the vertical line |
line (redline) indicates a change. |

Rev. No.	Description of Changes	Revision On	
		Page(s)	Dated
0	Document approved - Reference Letter WD:95:0195, J. A. Lazzaro to T. J. Rowland "WVDP Process Safety Requirements (PSRs)," dated 03/03/95. Original document approved, but not issued through controlled distribution.	All	03/03/95
1	Incorporate DOE-WV comments received from review of Rev. 0. General Revision.	All	03/15/96
PC1	Table 2 - Change Standby Quantity from 400 to 300 gallons based on the actual working capacity of the tank. This change is an insignificant modification per WV-365, Section 7.11, DOE approval is not required.	7	01/24/97

WVNS RECORD OF REVISION CONTINUATION FORM

<u>Rev. No.</u>	<u>Description of Changes</u>	<u>Revision On</u> <u>Page(s)</u>	<u>Dated</u>
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TABLE 2

STANDBY AND OPERATING QUANTITIES OF DIESEL FUEL

PC1>

Fuel Storage Tank	Standby Quantity (gallons)	Operating Quantity (gallons)
Fuel Oil Storage Tank 31D-2	8,000	4,000
Fuel Oil Day Tank 31-D-102	300	200
STS Fuel Oil Storage Tank 50D-009	200	100

TABLE 3
EQUIPMENT SUPPLIED WITH STANDBY OR BACKUP POWER

VENTILATION SYSTEM EQUIPMENT							
Ventilation or Off-Gas System	Exhaust Blower Primary (P) Backup (B)	Final HEPA Filter Δ P Recorder/Indicator	FILTER TRAIN Δ P Recorder (Backup)	Pressure Differential Alarm(A)/Control(C) High	Pressure Differential Alarm(A)/Control(C) Low	Exhaust Blower Control	Comments
Vessel Off Gas	6K-2 6K-2A	6PDR-17 6PDR-17	--- ---	06PDAH-10 (A)	--- ---	Manual	STANDBY POWER supplied from Main Plant generator 30P-1
Head End	15K-21 (B)	15PDR-45A	15PDR-44A	15PDCH-33A (A,C)	15PDCL-34A (A,C)	15PCH-32 ¹	STANDBY POWER supplied to 15K-21 from STS Generator 50P-1
Main Plant	15K-10A (B)	15PDR-6	15PDR-6	15PDCH-6 (A,C)	15PDCL-7 (A,C)	15PDCH-6VE ¹	15K-10A is powered by a steam-driven turbine
PVS (STS)	56K-201 56K-201A	56PDR-229 56PDR-230	56PDR-231 56PDR-232	56PDAH-229 (A) 56PDAH-230 (A)	56PDAL-229 (A) 56PDAL-230 (A)	56PDIS-219 ¹	STANDBY POWER supplied from STS generator 50P-1
WTF	8K-1 8K-1A	8PDR-2 8PDR-2	--- ---	08PDAH-4 (A) 08PDAH-4 (A)	--- ---	Manual	STANDBY POWER supplied from Main Plant generator 30P-1

¹ Automatic switchover capabilities.

MAIN STACK EFFLUENT MONITORING EQUIPMENT			
Primary Equipment	Designation	Standby (Backup)	Designation
Alpha CAM Beta CAM	On-Line 5A On-Line 3A	Alpha CAM Beta CAM	Standby 5B Standby 3B
Monitor Vacuum Pump	On-Line M-1 On-Line M-2	Standby Monitor Vacuum Pump	Standby SM-1
Sample Vacuum Pump	On-Line S-1	Standby Sample Vacuum Pump	Standby SS-1