

AP 1001

Three Mile Island Nuclear Station

SIDE 1 REV 2

Figure 1001-8

Special Operating Procedure

SOP No. 3-69
(From SOP Log Index)

NOTE: Instructions and guidelines in AP 1001 must be followed when completing this form.

Unit No. 2

Date

1. Title Transfer of Misc WASTE TO RCBT

2. Purpose (Include purpose of SOP)
To transfer water to RCBT.
Rev 2 - To bypass clean-up demer filters. They're offering too much
flow assistance

3. Attach procedure to this form written according to the following format.

A. Limitations and Precautions

- 1. Nuclear Safety
- 2. Environmental Safety
- 3. Personnel Safety
- 4. Equipment Protection

B. Prerequisites

C. Procedure

Attached

4. Generated by TEMorck Date 4/8/79

5. Duration of SOP - Shall be no longer than 90 days from the effective date of the SOP or (a) or (b) below - whichever occurs first.

(a) SOP will be cancelled by incorporation into existing or new permanent procedure submitted by [Signature]

(b) SOP is not valid after [Signature]
(fill in circumstances which will result in SOP being cancelled)

6. (a) Is the procedure Nuclear Safety Related?
If "yes", complete Nuclear Safety Evaluation. (Side 2 of this form) Yes No

(b) Does the procedure affect Environmental Protection?
If "yes", complete Environmental Evaluation. (Side 3 of the Form) Yes No

(c) Does the procedure affect radiation exposure to personnel? Yes No

NOTE: If all answers are "no", the change may be approved by the Shift Supervisor. If any questions are answered "yes", the change must be approved by the Unit Superintendent.

7. Review and Approval

Approved - Shift Supervisor [Signature] 4/8/79

Reviewed - List members of PORC contacted

NRC RCBC	4/8/79	RCNAP	4/8/79
BW	4/8/79	W. Felo	4/8/79
AKRA	4/8/79	TEMorck	4/8/79
		NK Willem	4/8/79
		[Signature]	4/8/79
		AKR [Signature]	4/8/79

Approved - Unit Superintendent [Signature] 4/8/79

8. SOP is Cancelled

Shift Supervisor/Shift Foreman _____ Date 132 014

A. Limits & Precautions

1. NUC. Safety

Bleed tank used for miscellaneous waste should not be used for RC feed.

2. ENVIR. Safety: NA

3. PERSONNEL

Use RWP

4. Equipment Protection

Monitor tank level during transfer

B. Prerequisites

1. Obtain Unit Superintendent Approval

2. Notify SRC NRR

3. Hang a clear sign on the one RCBT to be used to designate that it cannot be used for RC make up.

4. Notify H.P. that clean up demin cubicles with increase in radiation level.

C. Procedure

REMOVING WDL-V-1067 INTERNALS

1. Close & tag the following:

UNIT 2

WDL-V400A

WDL-V400B

WDL-V326A

WDL-V326B

WDL-V372

WDL-V1168

UNIT 1

WDL-V 240

WDL-V 254

THESE MUST REMAIN CLOSED FOR THIS SOP

132 015

2. Remove WDL-V1067 internals:

Hang temporary MOD TAG reclose bonnet.

3. Remove tags and OPEN WDL-V372

Transferring miscellaneous liquid from MWHT (WDL-T-2) to RCBHT.

4. Valve line up (use one column at top)

	WDL-P-6A		WDL-P-6B	
	WDL-V262A	Open _____	WDL-V2621J	Op _____
	WDL-V-265A	CL _____	WDL-V265B	CL _____
	WDL-V-264A	Op _____	WDL-V264B	Op _____
	WDL-V-264B	CL _____	WDL-V264A	CL _____
	WDL-V-433	Op _____	WDL-V433	Op _____
	WDL-V-424	CL _____		
	WDL-V-370	CL _____		
	WDL-V-251	CL _____		
Assume	WDL-V-915	OP		
Assume	WDL-V-371	OP		
See Step J	WDL-V-372	Op		
	WDL-V-1172	CL _____		
	WDL-V-1168	OP _____		
	WDL-V-1169	OP _____		
	WDL-V-1170	CL _____		
	WDL-V-41	OP _____		
	WDL-V-1171	CL OP _____		
	WDL-V-59	CL OP _____		
	WDL V-149	OP _____		

RZ

~~Line up thro Cleanup Demin A prefilter & post filter complete (By-pass maybe use on line)~~

~~See OP 2104 4.2A~~

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VALVE LINEUP CONT'D

WDL-V65B	CL _____	WDL-V176	CL _____ (manual)
WDL-V65A	CL OP _____	WDL-V36B	OP _____
WDL-V33A	CL _____	WDL-V36A	CL _____
WDL-V33B	OP CL _____	WDL-V40	CL _____
WDL-V167	OP _____	WDL-V534B	CL _____ (manual)

(Open in control room)

5. Open 1 valve for selected RC Bleed Tank

WDL-V21 A or B or C

6. Start WDL-P6A or B & complete transfer. Observe bleed tank levels in control room by monitoring high level alarm for the selected RC bleed tank panel 9.

TRANSFERRING OF CONTAMINATED DRAIN TANK TO BLEED TANK

7. Insure valves previously positioned by this SOP are still in position.

8. Close WDL-V433 and WDL-V264A.

9. Locally, open or verify open:

WDL-V339A	WDL-T-1A	outlet
WDL-V339B	WDL-T-15	outlet
WDL-V406A	WDL-F-7A	bypass
WDL-V353	CDT to Unit 1 isolation valve	

10. Locally close or verify closed:

WDL-V408A	WDL-F7A	inlet
WDL-V630	Leader drain	
WDL-V407A	WDL-F7A	outlet

11. Perform the following valve lineup:

Open	WDL-V292	WDL-T-11A/B	cross connect.
Open	WDL-V295A	WDL-P-15A	outlet
Close	WDL-V340A	WDL-T-11A	recirc.
Close	WDL-V400B	WDL-T11B	recirc.
Open	WDL-V400A		
Close	WDL-V293B	WDL-P 15B	inlet

12. Open WDL-V793A WDL-P-15A inlet valve

13. Start WDL-P-15A and pump contaminated drain tanks to the lined up RC Bleed TANK

132 017

14. When level in the contaminated drain tanks reaches desired level or if an RC Bleed Tank Hi level alarm is received, stop WDL-P-15A and close WDL-V293A

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