

Three Mile Island Nuclear Station
Special Temporary Procedure

Note: Instructions and guidelines in AP1001A
must be followed when completing this form.

10. STP No. 1-82-0035

11. Implementation Date 10/4/82

SS/SF Signature [Signature]

1. Title OTSG TEMPORARY RECIRCULATION & Chem. Add.

2. Purpose
To permit OTSG chemistry monitoring & addition while in the Crevice Dry Maintenance Program.

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

Note: If ESAS, EFW, RPS and/or RMS Systems are affected by this STP - insure procedural requirements are satisfied - see AP1001A section 3.6 for details.

A. Limitations and Precautions

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

B. Prerequisites

C. Procedure

} see attached

4. Duration of STP - Shall be no longer than 90 days from the implementation data of the STP or (a) or (b) below - whichever occurs first.

(a) STP will be cancelled by incorporation into existing or new permanent procedure submitted by _____ ☐

(b) STP is not valid after 90 ☒
(Fill in circumstances which will result in STP being cancelled)

5. Is the procedure "Important to Safety"?

If "yes", complete Safety Evaluation. (Side 2 of this Form)

Yes ☒ No ☐

6. Does the procedure affect Environmental Protection?

If "yes", complete Environmental Evaluation. (Side 2 of this Form)

Yes ☐ No ☒

Review Signatures

7. Generated by HBS Shipman Signature

4 Yes
10/3/82
Date

8. Reviewed by [Signature] Signature

10/4/82
Date

9. Approvals (per AP1001A)

1. Note: If the answers to questions #5 and 6 were "no" then the SS may approve the STP

SS Signature

Date

2. Note: If the answers to questions #5 and/or 6 were "yes" then approvals must be per AP1001A

(PRG) [Signature] 10/4/82
Signature Date

[Signature] 10-4-82
Signature Date

STP is Cancelled _____

8506140137 850125
PDR FOIA
DETJEN84-897 PDR

Shift Supervisor Shift Foreman _____

Date

63

8-82 A0001133A

EVALUATION

Three Mile Island Nuclear Station
Safety/Environmental Impact Evaluation

5. ☐ ☐ - ☐ ☐ - ☐ ☐ ☐ ☐ ☐ ☐
 New Procedure
☒ 1-82-0055
 STP
☐ ☐ - ☐ ☐ - ☐ ☐ ☐ ☐ ☐ ☐
 PCR

1. Doc. ID OTSG Temporary Recirculation and Chem. Add.
 Number or Title

2. Safety Evaluation

Does this procedure:

- *(a) increase the probability of occurrence or the consequences of an accident or malfunction of equipment important to safety? yes ☐ no ☒
- *(b) create the possibility for an accident or malfunction of a different type than any evaluated previously in the safety analysis report? yes ☐ no ☒
- *(c) reduce the margin of safety as defined in the basis for any technical specification? yes ☐ no ☒

Details of Evaluation (Explain why answers to above questions are "no". Attach additional pages if required.)

These changes are temporary in nature and will be removed prior to testing OTSG's under normal conditions.

Evaluation By HBS Shipman Date 10/3/82

*If any of these questions are answered "YES" the change must be reviewed and approved by the NRC prior to implementation.

3. Environmental Impact Evaluation

Does this procedure:

- (a) possibly involve a significant environmental impact? yes ☐ no ☐
 (if 3(a) is "yes", answer questions (b) and (c) and fill in "Details of Evaluation" below. If no, state why by filing in the "Details of Evaluation" below.)
- *(b) have a significant adverse effect on the environment? yes ☐ no ☐
- *(c) involve a significant environmental matter or question not previously reviewed and evaluated by the N.R.C. yes ☐ no ☐

Details of Evaluation (Attach additional pages if required)

M/A

Evaluation By _____ Date _____

*If any of these questions are answered "YES" the change must be reviewed and approved by the NRC prior to implementation.

4. Approval(s) (Per AP1001A)

(PRG) Hatchelton 10/4/82
 Signature _____ Date _____
Y. Jock 10-4-82
 Signature _____ Date _____

OTSG Temporary Recirculation : Chem. Add.

A. Limits and Precautions

1. Nuclear Safety - N/A
2. Environmental Safety - N/A
3. Personnel Safety - N/A
4. Equipment Protection - Prior to starting WDL-P2 ensure a suction & discharge flow path exists.

B. Prerequisites

1. Installation Procedure A 25F-51512-IP-3
OTSG Chem.
"Temporary" Recirculation & Sampling System installed
2. WDL-P 23 off

C. Procedure

1. Recirculation of A OTSG

a) Verify the following values closed

- _____ SD-V-14B
- _____ SD-V-25
- _____ SD-V-16
- _____ SD-V-22
- _____ SD-V-23
- _____ SD-V-30
- _____ SD-TV-3
- _____ SD-TV-13
- _____ (small vent valve at FW-V-1095)

b. Verify the following Values are open

___ SD-V-19

___ SD-V-24

___ SD-V-29 (1-2 turns)

___ SD-V-21

___ SD-TV-4

___ SD-TV-1A

___ FW-V-1095

___ FW-V-83A

___ FW-V-82A

___ FW-V-81A

___ FW-V-80A

___ SD-V-14A

___ FW-V-78A

MES 10/5/82

JAR 10/5/82

2B 10-5-82
JMT 10/5/82
FT 10-5

c. Start WDL-P-23 and verify by touch that flow is occurring to the proper OTSG. Inspect temporary hoses for leaks.

d. When recirc is complete shut off ~~WDL~~ WDL-P-23 and close the following values.

___ SD-V-14A

___ SD-TV-1A

2. Recirculation of B OTSG

a) Verify the following values are closed

- _____ SD-V-14A
- _____ SD-V-25
- _____ SD-V-16
- _____ SD-V-22
- _____ SD-V-23
- _____ SD-V-30
- _____ SD-TV-3
- _____ SD-TV-1A
- _____ small vent valve at FW-V-1105)

b. Verify the following values are open

- _____ SD-V-19
- _____ SD-V-24
- _____ SD-V-29 (1-2 turns)
- _____ SD-V-21
- _____ SD-TV-4
- _____ SD-TV-1B
- _____ FW-V-1105
- _____ FW-V-83B
- _____ FW-V-82B
- _____ FW-V-81B
- _____ FW-V-80B
- _____ SD-V-14B

Rev. 1

_____ FW-V-78B

HBS 10/5/82 RJ 10-5-82

XHR 10/5/82

2P 10-5-82

HHW 10-5-82

c. Start WOL-P-23 and verify by touch that flow exists to the proper OTSG. Inspect temporary hoses for leaks.

2. When Recirc is complete shut off WDL-P-23 and close the following valves.

—— SD-V-14B

—— SD-TV-1A

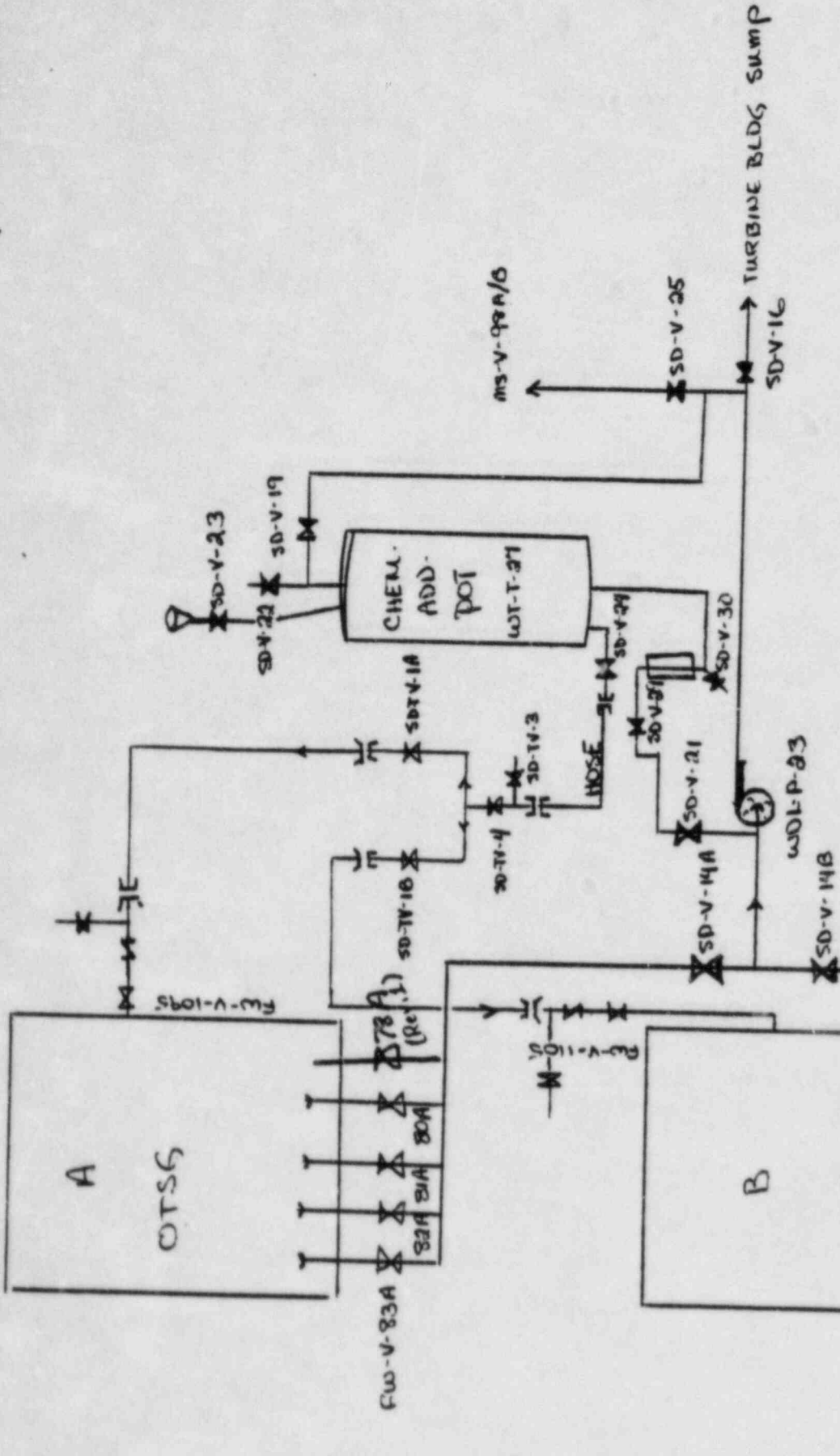
3. Chemical Addition to Either OTSG.

- a) Verify That WDL-P-23 is off
- b) Verify SD-V-19 is closed
- c) Verify SD-V-24 is closed
- d) Open SD-V-22 and SD-V-23
- e) Open SD-V-30 and drain chem pot sufficiently to add chemicals per chemistry department.
- f) close SD-V-30
- g) close SD-V-22 and SD-V-23
- h) ~~Perform~~ ^{Perform} appropriate section 1 or 2 to add chemicals to appropriate OTSG.

4. Sampling OTSG which is on Recirc.

- a) Open ST-TV-3 as necessary to obtain OTSG sample.

OTSG TEMP. REC'D & Chem Add.
 Installed per IP. A25E-51512
 IP



GT-10-5-82
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