

NRC

AP 1001

Three Mile Island Nuclear Station
Special Operating Procedure

SIDE 1

Figure 1001-8

SOP No. E-62
(From SOP Log Index)

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

Unit No. 2

Date 4/6/79

1. Title ALT PRESSURIZER LEVEL HYDRO TEST.

2. Purpose (Include purpose of SOP)
Provide guidance to hydro tubing to be used for alt pressurizer level indication and repair any leaks.

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

A. Limitations and Precautions

- 1. Nuclear Safety None
- 2. Environmental Safety None
- 3. Personnel Safety Comply with AP 1002 & AP 1003
- 4. Equipment Protection Do not hydro line > 2500 psig.

B. Prerequisites

C. Procedure } Per Attached

4. Generated by James R. Pauls Date 4/6/79

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 MA
- (b) SOP is not valid after MA
(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 2 of this 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

NRC Conrad Approved - Shift Supervisor [Signature] 4/6/79
 ALARA [Signature] Reviewed - List members of PORC contacted [Signature] 4-6-79
[Signature] RP Warren 4/6/79 [Signature] 11/4/79
[Signature] N.A. [Signature] [Signature] 4/6/79
 Approved - Unit Superintendent [Signature] 4/6/79

SOP is Cancelled

Shift Supervisor/Shift Foremen _____ Date 131 231

B. Prerequisites:

1. Become familiar with work to be done prior to beginning work. This will aid in cutting down on stay time and exposure.
2. REVIEW Dwg 2031 to understand valve line-up.

C. Procedure:

1. Locate Notify Shift Foreman / Supervisor prior to commencing work.
2. Locate temporary valve (SN-VT3) which was installed in Unit I Rad Chem Lab.
3. With SN-VT3 closed, hook up Ascroft hand pump to SN-VT3. (See figure 1.)
4. Perform following valve line up:

SN-VT3	OPEN	* CA-V1	CLOSE
SN-VT2	OPEN	* CA-V3	CLOSE
SN-VT1	OPEN	* CA-V6	CLOSE
SN-V101	OPEN	SN-V7	CLOSE
SN-V2	CLOSE OPEN	SN-V161	CLOSE
SN-V3	CLOSE OPEN	SN-V174	CLOSE
SN-V4	OPEN	SN-V176	CLOSE
SN-V1	OPEN CLOSE	SN-V163	CLOSE
* CA-V10	CLOSE	SN-V8	CLOSE
SN-V181	OPEN	SN-V110	CLOSE
SN-V5	CLOSE	SN-V109	CLOSE
SN-V6	CLOSE		

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* Control from Unit #2 Control Room

5. Pump hydro pump to obtain a pressure of 2500 psig on the 0-3k. Heise gauge.
6. Close SN-UT3 and monitor Heise gauge for a decrease in pressure.
7. If leakage exists (noted by decrease in pressure), visually inspect the suspected leaking fitting in the Model room and tighten it if it ~~is~~ was leaking.
8. Re-hydro the line and observe for leakage by a drop in pressure.
9. Relieve system pressure by opening valve SN-VT3 and venting hydro pump. ~~catch~~ catch water and monitor for activity.

~~subsequent~~
12. Perform following valve line up.

SN-UT3	CLOSE
SN-UT2	OPEN
SN-VT1	OPEN
SN-V101	OPEN
SN-V2	OPEN CLOSED 1/2
SN-V3	OPEN CLOSED 1/2
SN-V4	OPEN
SN-V1	CLOSE OPEN 1/2
CA-V10	CLOSE
SN-V181	OPEN
SN-V5	CLOSE
SN-V6	CLOSE

13. Notify Shift Foreman/Supervisor after completing work.

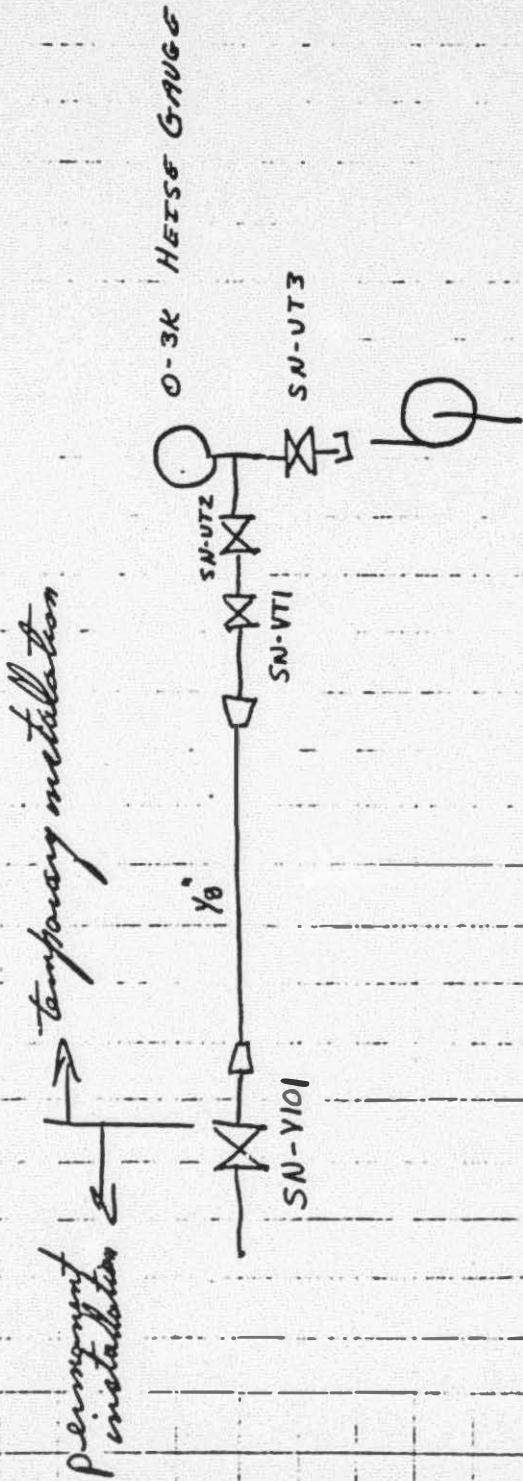


FIGURE 1