

AP 1001

Three Mile Island Nuclear Station

SIDE 1

Figure 1001-8

Special Operating Procedure

SOP No. 2-35
(From SOP Log Index)

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

Unit No. 2

Date _____

1. Title WASTE GAS Decay TANK Pressure - Remote Indication

2. Purpose (Include purpose of SOP)

Reduce levels of exposure to plant operators & T/S allow easy access to WOG tank pressures.

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

4. Generated by ISC Ship Date 4-4-79

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 NA ☐(b) SOP is not valid after NA ☐
(fill in circumstances which will result in SOP being cancelled)

6. (a) Is the procedure Nuclear Safety Related?

If "yes", complete Nuclear Safety Evaluation. (See 3 of this form) Yes ☐ No ☐

(b) Does the procedure affect Environmental Protection?

If "yes", complete Environmental Evaluation. (See 3 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

Approved - Shift Supervisor [Signature] 4/4/79Reviewed - List members of PORT contacted Remonde 4/4/79J.R. Paulus 4/4/79V. Bruma (Vic-Chairman) 4/4/79U.S. Keelings 4/5/79Approved - Unit Superintendent [Signature] 4/5/79

8. SOP is Cancelled

Shift Supervisor/Shift Foreman

Date

130 223

A. Limits and Precautions:

- 1 None
- 2 None
- 3 Comply with AP 1002 and 1003
- 4 None

B. Prequisites:

Review and understand attached drawings prior to entering Aux Bldg.

C. Procedure:

1. Notify Shift Supervisor prior to commencing work.
2. Use twisted shielded pair #22AWG wire to run temp wire to remote indicators for WOG-T-1A/B pressure indication.
3. Prior to connecting temp wire into panel 302B, tape leads on opposite end of wire to prevent grounding of current loop. Mark end of wire properly in order to prevent crossing pressure indicators.

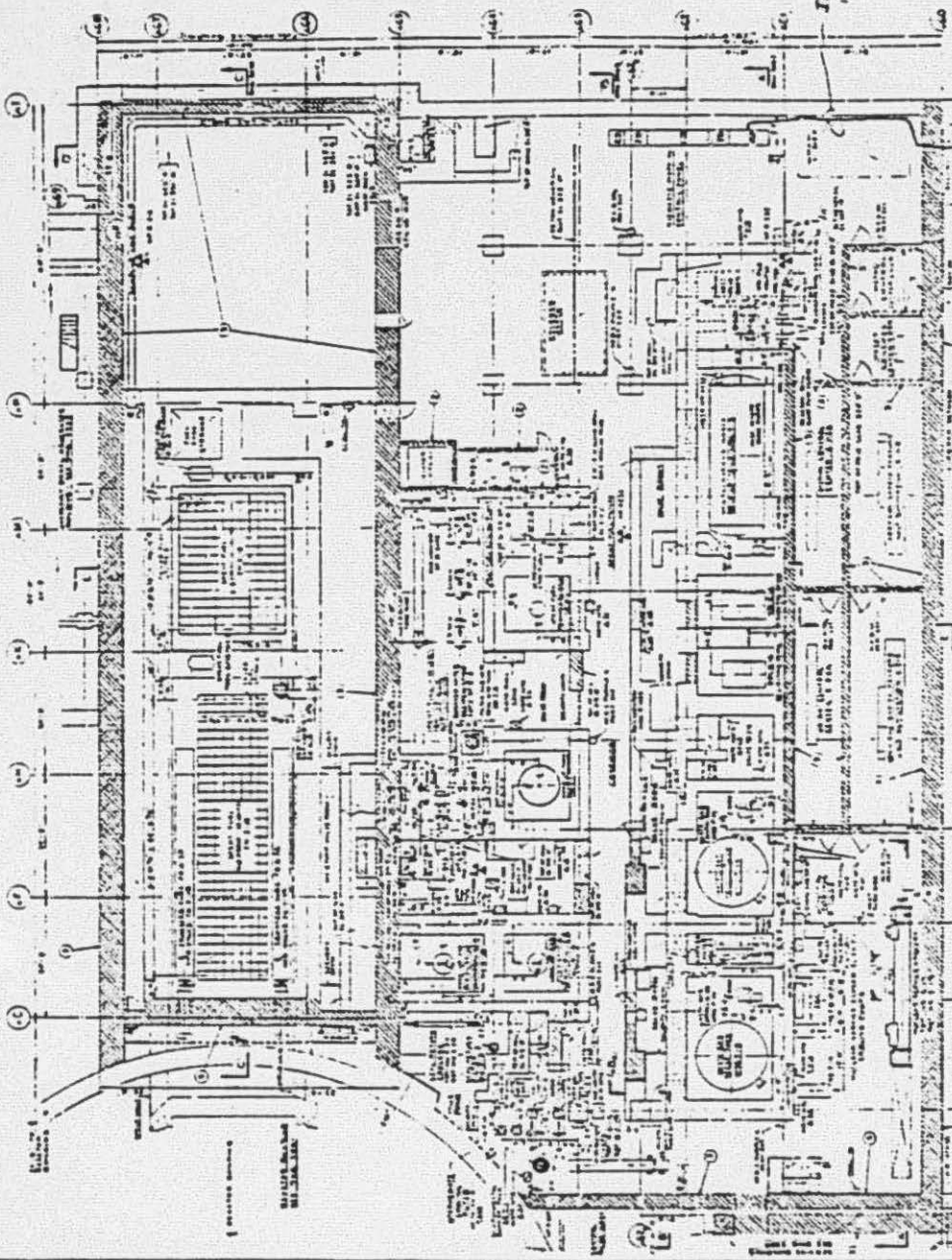
WOG-PI-1494/1494-1 → WOG-T-1B

WOG-PI-1487/1487-1 → WOG-T-1A

- For WOG-T-1B
4. In panel 302B, install red wire of one twisted pair to Term Board T, Terminal 9.
 5. Connect other black wire to Term Board T, Term 10.
 6. Remove existing jumper between Term Board T, Terms 9 & 10.
- 130 224

For W06-7-1A

7. In panel 302 B, install red wire of ^{second} ~~other~~ twisted pair to Term Board T, Term 3
8. Connect black wire to Term Board T, Term 4
9. ^{Ensure the sliding doors are closed and} Remove existing jumpers between Term Board T #1, Terms 3 + 4.
10. Route both twisted pairs from panel 302 B to overhead door (See dwg 2066). Slide wires under door and behind aircraft shield door.
11. Mount temp pressure indicators in U1-U2 walkway and hook twisted pair to indicators per attached dwgs.



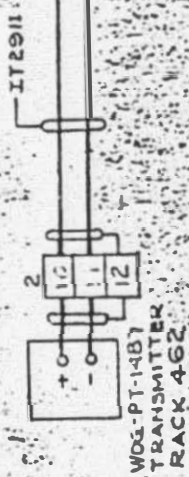
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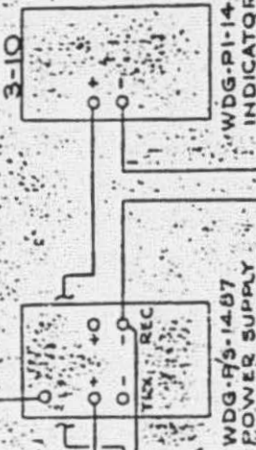
AUX. BLDG.

11-119-00A

LIQUID & GAS
RADWASTE PANEL 302B



WDG-PT-14B7
TRANSMITTER
RACK 462



WDG-PI-14B7
INDICATOR



WDG-PI-14B7
POWER SUPPLY
P/S-4W

9.0

B & R DWG. # 3364

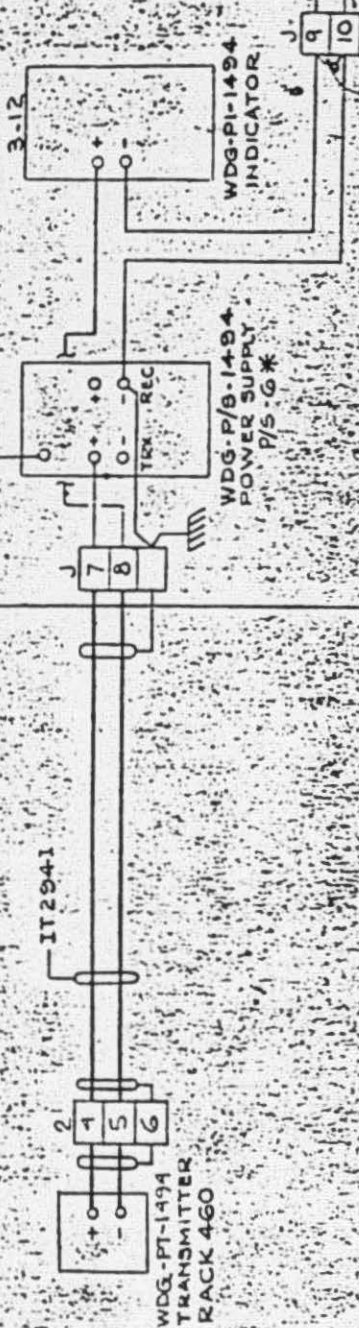
CONTROLLED COPY

BIR REF. DWG. INSTRUMENT & CONTROL SCH

REV	DESCRIPTION	BY	CHK	ENG	DATE
1	PER IEN # 220G RELEASED FOR CONSTRUCTION	LS	JSC	PC	11/11/71
2	WASTE GAS DECAY TANK WDG-TJA PRESS				
3	JERSEY CENTRAL POWER & LIGHT CO. THREE MILE ISLAND STATION - UNIT 2				
4	BURNS & ROE INC. ORADELL, N.J.				

REV	DATE	DESCRIPTION	ISSUED FOR APPROVAL	APPROVED	FOR
1	7/14/75	REVISED PER CUST INFO	WR	WFC	JERSEY CENTRAL
2	7/17/75	REVISED PER CUST INFO	WR	WFC	POWER & LIGHT CO.
3	2/20/73	1% FOR CONETH	RY	SPR	THREE MILE ISLAND STATION
4	5/20/71	ISSUED FOR APPROVAL	WR	WFC	UNIT 2
5					BURNS & ROE, INC.
6					C 0078
7					PC 7004

LIQUID & GAS
RADWASTE PANEL 302B



U&R DWG. # 3364

CONTROLLED COPY

7- BLS REF. DWG. INSTRUMENT & CONTROL SCHEMATIC

1	PER PCH # 2266	LS	JSC	NO	DATE
REV	DESCRIPTION	BY	CHK	ENG	DATE
WASTE GAS DECAY TANK					
WDG-T-1B PRESS.					
JERSEY CENTRAL POWER & LIGHT CO.					
THREE MILE ISLAND STATION - UNIT 2					
DWG 302B					
BURNS AND ROE INC.					
ORADELL, N.J.					
W.O. 2900					
SHW 65					

NO	REV	DATE	DESCRIPTION	CHK	APP	FOR
3	1-1-76		REVISED PER CUST INFO	WKS	WKS	JERSEY CENTRAL
2	1/5/77		REVISED PER CUST INFO	WKS	WKS	POWER & LIGHT CO.
1	2/2/73		ISS. FOR CONSTR.	WKS	WKS	THREE MILE ISLAND STA.
Q	5-28-71		ISSUED FOR APPROVAL	WKS	WKS	UNIT 2
Q	5-28-71		ISSUED FOR APPROVAL	WKS	WKS	BURNS & ROE, INC.
Q	5-28-71		ISSUED FOR APPROVAL	WKS	WKS	LOOPI
Q	5-28-71		ISSUED FOR APPROVAL	WKS	WKS	ORADELL, N.J.
Q	5-28-71		ISSUED FOR APPROVAL	WKS	WKS	PC-76

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