



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

WPA 9/21/79

*Copy to [unclear]
for [unclear]*

September 20, 1979

MEMORANDUM FOR: Myrna Steele, WRC Special Inquiry Group ←
FROM: *R.C. [unclear]*
A. G. Wayne, WRC Special Inquiry Group
SUBJECT: DOCUMENT RECORD

Enclosed please find one copy each of the following document(s)
which was/were obtained by J.P. Durr of the
SIG from Met-24/GPU at TII on September 20, 1979, 1979.
Please enter this document into the SIG system and notify George
Frampton of its receipt.

Enclosure: GPU STARTUP PROBLEM REPORT NO. 5073
WORK REQUEST APPROVAL NO. 5136

8001220 677

S

SYSTEM: RC

TP NO. 60/28 MTX NO. 177.14

PROBLEM DESCRIPTION: With RCS at 2200 psig and 532°F, RC-V2 opened manually. When the valve was cracked off of its seat, RC-R2 started relieving pressure from approximately 2200 psig down to 2100 psig when RC-V2 was manually closed. Please check electrical circuitry to verify that it is correct. RC-R2 has previously operated at high pressure and resented. RC-R2 was open when RC-V2 was opened.

BY: J. L. [unclear]
 ORGANIZATION: GPI
 DATE: 8-28-77

FOR RESOLUTION BY: S. H. [unclear] - Mat ED DATE SENT: 8-29-77

PROPOSED RESOLUTION: Replace solenoid return springs on actuator for RC-R2. This will return the solenoid plunger to its rest position and take its weight off of the operating lever for the gate valve when it is closed fully.

BY: [unclear]
 DATE: [unclear]

FOR ACTION BY: [unclear] DATE SENT: 8-30-77

Re-aligned solenoid plunger and installed new springs. Valve was tested and operated properly. No further action required by this Problem Report. Satisfactorily completed [unclear] and [unclear] would cavity [unclear]

ACTION COMPLETED SATISFACTORILY BY: [unclear]

WORK REQUEST APPROVAL

TMI Nuclear Station

Unit No. 2 Work Request No. 5136
W.O./Account 4200/298134 NPRD Form Req'd 11 Priority 1A

Items 1 through 5 completed by originator F

- 1. System: RC
- 2. Component (name & number) RC-RV-2
- 3. Describe malfunction and cause of malfunction (if known) or modification desired.
VALVE WILL NOT OPERATE FROM PRESS. SWITCH. SUSPECT BAD CONTACT ON SWITCH IN CONTROL CIRCUIT.

4. Originator: BYRatt Date/Time: 9-28-78 1430

5. Originator's Supervisor's Signature BYRatt for S. Shuler

- 6. Does work represent a change or modification to an existing system or component?
If yes, an approved change modification is required per AP 1021.
C/M No. _____ Yes _____ No ✓
- 7a. Does work require an RWP? Yes _____ No ✓
- 7b. Is an approved procedure required to minimize personnel exposure. Yes _____ No ✓
- 8a. Is work on a GC component as defined in GP 1003. Yes ✓ No _____
- 8b. If 8a is yes does work have an effect on Nuclear Safety? If 8b is yes, PDRC reviewed Superintendent approved procedure must be used. Yes ✓ No _____
- 9. Agreement that a PDRC reviewed, Superintendent approved procedure is not required for this work because it has no effect on nuclear safety. (Applies only if 8a is Yes and 8b is No).

- _____
Unit Superintendent
- _____
Date
- 10a. Is the system on the Environmental Impact list in AP 1026 Yes _____ No ✓
 - 10b. If 10a is Yes, is an approved procedure required to limit environmental impact. Yes _____ No _____
 - 10c. Agreement that 10b is No. (Required only if 10a is Yes).

Unit Superintendent/Supervisor of Operations

Date

11. Plant status or prerequisite conditions required for work.

Comply with the Provisions set forth in AF1002, AF 115 and the MS Safety Manual.

- 12. Limits and Precautions:
 - a) Personnel
 - b) Equipment
 - c) Environment
 - d) Nuclear

GPU TEST
SUPT. APPROVAL

- 13. Post Maintenance Testing required and Acceptance Criteria: None and tested current found.
- 14. Estimated manhours to perform job: E 16 IC 11 U as per design.
- 15. Maintenance Foreman Assigned: SURR
- 16. OC Dept. review, if required in item No. 8

OC Supervisor [Signature] Date 9/25/75

17. Supervisor of Maintenance approval to commence work: [Signature] Date 9-25-75

18. Shift Foreman's approval to commence work: [Signature] Date 9/25/75

STE APPROVAL

Initial of Shift Foreman [Signature] 10764
signature is not required. Tagging Application No. Radiation Work Permit No.

19. Comments on work performed: Performed since that never holds the coil shifting switch open.

Reset met acceptance criteria Yes No

Work Performed by date/time 10-6-78 10-6-78
14/15 OC Work Reviewed - Maintenance Foreman's Signature [Signature]

20. Work completed and component aligned for testing.
 Initial of S.F. signature is not required. [Signature] Shift Foreman's Signature [Signature] Date

21. Testing completed and component released for normal use.
 Initial of S.F. signature is not required. [Signature] Shift Foreman's Signature [Signature] Date

22. Quality Control Department review of work and testing completed (OC work only).
[Signature] [Signature] 10/1/78
Shift Foreman's Signature OC Department Date

23. Supervisor of Maintenance Work request and procedure are complete and signed off as required. Change/modification form has been signed off as required. Escalation history entry has been made, if required.
[Signature] [Signature] [Signature]
Shift Foreman's Signature Supervisor of Maintenance Signature Date

WORK REQUEST PROCEDURE
TMS Nuclear Station
Maintenance Procedure Format and Approval

WR 5723

Unit No. 2

This form outlines the format and acts as a cover sheet for a maintenance procedure. Due to the limited size of the form, additional pages may be attached as required. Work Request procedure AP 1016 Section C should be used as a guide in preparing the maintenance procedure.

1. Procedure Title & No.:

TROUBLE SHOOT & REPAIR RC RV-2
CONTROL CIRCUIT.

2. Purpose:

PROVIDE GUIDANCE FOR ABOVE.

3. Description of system or component to be worked on.

RC-RV-2 ELECTROMATIC RELIEF

4. References:

QFR DUG 3079 SH. 14

5. Special Tools, and Materials required.

STANDARD HAND TOOLS

6. Detailed Procedure (attach additional pages as required):

SEE ATTACHED

Supervisor of Requirements recommends approval [Signature] Date 9-28-78

* FORE RECOMMENDS APPROVAL

Unit No. 1 Chairman [Signature] Date 9/28/78 Unit No. 2 Chairman [Signature] Date 9/28/78

UNIT SUPERINTENDENT APPROVAL

Unit No. 1 [Signature] Date 9/28/78 Unit No. 2 [Signature] Date 9/28/78

* Chief Rep Procedure [Signature] Supervisor of O&M [Signature] Date 9/28/78

6.2.1 Close RC-VZ and open WR # 9738
necessity by increase in RC plants.

- 6.0 Procedure
- 6.1 Obtain the Shift Foreman/Shift Supervisor's permission to begin work. (~~Close RC-VZ of the work~~ ^{RWP} message.)
- 6.2 Tag or isolate as necessary to provide personnel safety while accomplishing work.
- 6.3 Use the referenced B&R electrical schematics and trouble shoot as necessary to locate the faulty or malfunctioning component.
- 6.4 Be especially alert to look for loose connections, dirty contacts, and wiring errors.
- 6.5 Repair, replace as necessary to correct problems found in steps 6.3 and 6.4 above.
- 6.6 Record on attached data sheet the problems found and the corrective action taken.
- 6.7 List test equip used and cal date check.
- 6.8 Ensure the acceptance criteria of item 13 of the work request is satisfied.
- 6.9 Notify shift foreman/shift supervisor that repairs have been completed.
- 6.10 Make appropriate entries in the work history record folder.
- 6.11 Open RC-VZ

Data Sheet

1. Problem found:

Wire stuck between the movable and stationary contacts of the coil shorting switch.

2. Corrective action taken:

Removed wire from area of the coil shorting switch and re-routed so it would not become stuck between the contacts again.

3. Task Assigned Unit # Cal. No. Date

10	260	2-4	11-5-75
	SIMPSON	260	2-7
			10-13-78