ORIGINAL ********** PBNP ********** WO No: 9817095001
* UNIT 1 * Callup * UNIT 1 * Callup: OT
Resp Group: OP6 ********** STEP DETAIL ********** Step Print: 07/22/99
Equipment: O-RF-240 System: CS HP Zone:
Equipment Name: T-24A SOUTH CONDENSATE STORAGE TANK INSPECTION
Physical Location: OPS Callup Type: PM
Sequence No: 001
Short Desc: SOUTH CONDENSATE STORAGE TANK Sched Start Date: 10/18/99

PLANNED:
Crew: 6 6
Shift: 6 6
Class: 521 522

WORK PROCEDURES:
NP 8.4.10
RF-240

Work Plan Description:
SOUTH CONDENSATE STORAGE TANK INSPECTION - SEE TEXT.

WORK PERFORMED: VISUAL INSPECTION OF TANK. ABOUT 4" OFF BOTTOM OF TANK THERE WERE NUMEROUS (~50) 1/4" AREAS WHERE THE LINER WAS GONE AND WAS RUSTING.
notified by relief crew supervisor that wall interior was wiped down as instructed by Responsible engineer. JL 1/10/00

MTE: QAR:

ACTUAL USED:
CREW: C
SHIFT: 2
WORKER CLASS: 521
NUMBER OF WORKERS: 1
TOTAL HOURS: 13
TTL EXPOSURE/STEP (MREM): 0

PARTS USED LIST ATTACHED: Y / N
WO TAGS REMOVED: Y / N / NA WORK COMPLETE DATE: 1/10/00
EMPLOYEE NUMBER: W|E|5|4|4|9| EMPLOYEE NAME: VAN DYKE

* WORK COMPLETED *

Cause Failure Code: (PM) / SVC / NRM /
As Found-Out of Spec: Y / N / NA Machine History Review Required: Y / N
Failed Component:
Corrective Action: NA/RP/RE/
LINE SUPERVISOR: P|B|2|6|9|2| NAME: PJ Martin Downtime: hrs DATE: 1/10/00

* EQUIPMENT RETURN TO SERVICE *

Operability Post Testing:

Operability Procs Performed
NON OPS SUPV: NAME: DATE: / /
DSS: NAME: DM Rauch DATE: 1/10/00

A/90

9817095

RF-240 text page T-24A CST tank inspection

NOTE: Callup to be performed every 5 years beginning in 1989

1. Isolate and danger tag T-24A.
2. Drain remaining volume of tank contents to the U1 turbine building sump.
3. Establish an FME boundary around the tank manway area.
4. Remove the tank lower manway.
5. Check for safe tank atmosphere as per NP 1.9.4 "Confined Space Procedure".
6. Install blower forced ventilation if necessary.
7. Utilize general FME practices as per NP 8.4.10 "Foreign Materials Exclusion procedure".
8. Inspect the tank liner for rust or pitting and the possible need for tank repairs.
9. Initiate work orders for any tank repairs that may be needed.
10. Perform visual closeout inspection of the CST after all work in the tank is complete.
11. Install tank manway. Skill of the craft tightening is sufficient for the rubber gasket. 50 ft. / lbs. is the maximum torque value.
12. Document inspection results in the work performed section of the task sheet.
13. Remove and store FME boundary equipment, ventilation blower, and tools.
14. Remove danger tags and restore tank to service after all tank work is complete.

TANK WALLS WERE DISCOLORED (RUST-BROWN COLOR) IN AREAS HOWEVER NO MAJOR AREAS OF RUST DEGRADATION WERE IDENTIFIED. THE BOTTOM OF THE TANK HAD A THIN BLACK FILM COVERING IT. IT IS PROBABLY A MAGNATITE FILM. OPERATIONS WAS INSTRUCTION TO REMOVE THIS FILM WITH USING CLEAN RAGS AND WATER.

JOHN P. SCHROEDER
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