

CL-2

EDC UNIT SOP MANUAL

Section: Chlorine

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Description: Switching #1 Reactor from Cell Gas
to Vaporized Chlorine

EFFECTIVE DATE: 5/13/92
Revision #: New

APPROVED BY: [Signature]

Special Note: This system was blinded in March of 1992. The blind is near the automatic valve in No.1 Plant. With the expansion of No.1 Plant it was felt this system would no longer be used.

1. HAVE CHLORINE VAPORIZER FLOATING.
2. STROKE CHLORINE PRESS CONTROL VALVE, SET CONTROLLER TO MANUAL AND CLOSED .
3. UNBLOCK VAPORIZER OUTLET.
4. HAVE LIQUIFACTION OPERATOR STANDING BY TO ADJUST LIQUID LINE PRESSURE AS NEEDED .
5. SLOWLY RAISE CHLORINE SURGE DRUM PRESSURE TO MATCH CELL GAS PRESSURE, ADJUST STEAM CHEST PRESSURE TO VAPORIZER AS NEEDED.
6. WHEN SURGE DRUM PRESSURE IS EQUAL WITH CELL GAS PRESS PUT SURGE DRUM PRESS CONTROL VALVE ON AUTOMATIC.
7. SLOWLY CLOSE THE CELL GAS MLS CROSS OVER VALVE CLOSELY WATCHING THE CHLORINE VAPORIZER CHEST PRESS AND THE CHLORINE SURGE DRUM BOTTOM TEMPERATURE.
8. WHEN SURGE DRUM BOTTOM TEMPERATURE IS ABOVE 130 DEGREES PUT CHLORINE SHUT DOWN KEY BYPASS IN RUN POSITION.
9. CONTINUE TO CLOSE THE CELL GAS MLS SLOWLY UNTIL COMPLETELY CLOSED.

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No. 91-1145