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1.0 PURPOSE AND SCOPE

1.1 Purpose

This procedure provides instructions for responding to a loss of the 241-AZ-702 MCS system.

1.2 Scope

This procedure involves the 241-AZ-702 MCS system and its associated remotely monitored/operated systems.

2.0 INFORMATION

NONE

3.0 PRECAUTIONS AND LIMITATIONS

3.1 Limits

HNF-SD-WM-TSR-006, Tank Farms Technical Safety Requirements
  • LCO 3.1, DST Primary Tank Ventilation Systems

4.0 PREREQUISITES

4.1 Performance Documents

The following procedures may be needed to perform this procedure:
  • TO-060-350  Start, Stop and Operate AY/AZ Tank Ventilation Primary Exhaust System
  • TO-060-356  Perform 702-AZ Exhauster Monitor and Control Operations
5.0 PROCEDURE

5.1 Loss of MCS Control

5.1.1 IF 702-AZ MCS computers are found inoperable, PERFORM the following:

5.1.1.1 ATTEMPT to STARTUP AND LOGON 702-AZ MCS computers per procedure TO-060-356.

5.1.1.2 IF 702-AZ MCS computers are functional, AND primary ventilation system is operating normally, EXIT this procedure.

5.1.1.3 IF 702-AZ MCS computers are not functional, CHECK the following equipment (locally) to verify status:

- Breakers 1 and 2 on PP-17 are ON (control room E wall)
- Breaker 18 on PP-15 is ON (diesel generator building UPS 3)
- Primary exhaust fan operating (A or B fan)
- Primary exhaust train heater operating (A or B train heater)
- Primary stack sampling system operating (record sampler and CAM)
- Chiller unit operating.

5.1.1.4 IF ventilation is operating normally and alternate TFMCS stations are functional, OPERATE AND MONITOR AY/AZ primary ventilation system from an alternate station AND CONTACT Maintenance for troubleshooting MCS.

5.1.1.5 IF ventilation is not operating, PERFORM the following:

a. ENSURE personnel evacuation from AY/AZ farms.

b. NOTIFY Shift Manager of loss of primary ventilation AND REQUEST Shift Manager respond per TF-AOP-021.

c. NOTIFY Shift Manager to initiate time monitoring per LCO 3.1.A. (LCO 3.1)

5.1.1.6 NOTIFY Shift Manager of equipment status AND REPORT any abnormal local conditions.
5.1 Loss of MCS Control (Cont.)

NOTE – Creation of a temporary round may be required to monitor equipment status when operating in LOCAL control.

5.1.1.7 IF directed by Shift Manager, PLACE primary exhaust system equipment in LOCAL control using procedure TO-060-350.

5.1.1.8 EXIT this procedure when 241-AZ-702 MCS system is functioning normally or when directed by Shift Manager.

5.2 Records

This procedure generates no records.

The records custodian identified in the Company Level Records Inventory and Disposition Schedule (RIDS) is responsible for record retention in accordance with TFC-BSM-IRM_DC-C-02.