Respond to Panel A Alarms at 242-S Evaporator

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RECORDS

No records are generated during the performance of this procedure.
Facility: 242-S Evaporator Building

Panel: A  Alarm #: 1-2

Source: LDA-304-5/3  Setpoint: N/A

Alarm Class: Environmental Impact.

Alarm Description: Leak in the 241-S-304 tank sump or pump pit.

NOTE - Alarm Response Procedures are not designed for, nor intended to be applied to, "expected" alarms generated by approved work activities or procedures.

Immediate Actions:

[1] IF the 241-S-304 transfer pump administrative lock is on, NOTIFY Shift Manager of alarm AND

EXIT this procedure.

Possible Causes:

1. Catch tank leaking to sump.
2. One or both drain lines from 241-S-151 diversion box leaking into sump.

References:

Facility: 242-S Evaporator Building

Panel: A  Alarm #: 2-2

Source: S 244-WT-LE-101  Setpoint: N/A

Alarm Class: Plant Stability.

Alarm Description: Floor Drain Trap for the 244-S pump pit does not have enough water in it.

NOTE - Alarm Response Procedures are not designed for, nor intended to be applied to, "expected" alarms generated by approved work activities or procedures.

Immediate Actions:

NOTE - This facility has been weatherized and there are no penetrations to add water.

[1] NOTIFY Shift Manager of findings.

Possible Causes:

1. Floor Drain Trap for the 244-S pump pit does not have enough water in it.

References:

Drawings: H-2-46436, ECN-705761.
Documents: ECN-671783, H-14-020853.
Facility: 242-S Evaporator Building

Panel: A  Alarm #: 2-3

Source: S244-WST-WFS-121  Setpoint: 15 inches

Alarm Class: Plant Stability.

Alarm Description: 244-S DCRT Weight factor low.

NOTE - Alarm Response Procedures are not designed for, nor intended to be applied to, "expected" alarms generated by approved work activities or procedures.

Immediate Actions:

1. CHECK S244-WST-WFR-121 and S244-WST-SGR-131 on panel A for 244-S DCRT level.
2. NOTIFY Shift Manager of findings.

Possible Causes:

1. 244-S DCRT Weight factor low.
2. Tank leaking to annulus sump.
3. Loss of compressed air.

References:

Documents: None.
Respond to Panel A Alarms at 242-S Evaporator

Facility: 242-S Evaporator Building

Panel: A  Alarm #: 2-4

Source: S244-WST-WFS-121  Setpoint: 147 inches

Alarm Class: Environmental Impact.

Alarm Description: 244-S DCRT Weight factor high.

NOTE - Alarm Response Procedures are not designed for, nor intended to be applied to, "expected" alarms generated by approved work activities or procedures.

Immediate Actions:

[1] CHECK 244-S DCRT sump level using S244-WSTA-WFI-121 and S244-WSTA-SGI-131 on panel A at 242-S.

[2] CHECK 244-S DCRT Tank level using S244-WST-WFR-121 and S244-WST-SGR-131 on panel A at 242-S.


Possible Causes:

1. 244-S DCRT Weight factor high.
2. Abnormal condition with the air to the dip tubes.

References:

Facility: 242-S Evaporator Building

Panel: A  

Alarm #: 2-5

Source: PA-FP-1  

Setpoint: 15 ± 3 psig

Alarm Class: Environmental Impact.

Alarm Description: High pressure in lines at flush pit.

NOTE - Alarm Response Procedures are not designed for, nor intended to be applied to, "expected" alarms generated by approved work activities or procedures.

Immediate Actions:

NOTE – The transfer route through 244-S is no longer compliant.

[1] NOTIFY Shift Manager.

Possible Causes:

1. Instrument failure.

References:

Drawing: H-2-71085.

Documents: USQ # TF-97-0511 for set point.
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Facility: 242-S Evaporator Building

Panel: A  Alarm #: 4-2

Source: S244-WT-LDE-102  Setpoint: N/A

Alarm Class: Plant Stability.

Alarm Description: Liquid intrusion in the pump pit at 244-S.

NOTE - Alarm Response Procedures are not designed for, nor intended to be applied to, "expected" alarms generated by approved work activities or procedures.

Immediate Actions:

NOTE - No transfers go through this facility any longer.

[1] NOTIFY Shift Manager.

Possible Causes:

1. Leak detector activated in the pump pit at 244-S.
2. Loss of power to leak detector S244-WT-LDSTA-102.

References:

Respond to Panel A Alarms at 242-S Evaporator

Facility: 242-S Evaporator Building

Panel: A  Alarm #: 4-3

Source: S244-WSTA-WFS-121  Setpoint: 15 inch WG

Alarm Class: Environmental Impact.

Alarm Description: Liquid intrusion into vault area of 244-S DCRT.

NOTE - Alarm Response Procedures are not designed for, nor intended to be applied to, "expected" alarms generated by approved work activities or procedures.

Immediate Actions:

[1] **CHECK** Liquid Level S244-WSTA-WFI-121 244-S Sump Level Recorder on Panel A at 242-S.

[2] **CHECK** for decreasing 244-S level using S244-WST-WFR-121 and S244-WST-SGR-131 on Panel A at 242-S.

[3] **NOTIFY** Shift Manager.

Possible Causes:

1. 244-S Sump High Weight Factor.
2. Liquid intrusion into the 244-S DCRT annulus.
3. 244-S DCRT leaking to the annulus.

References:

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Facility: 242-S Evaporator Building

Panel: A  Alarm #: 4-4

Source: S244-WT-LE-104  Setpoint: N/A

Alarm Class: Plant Status.

Alarm Description: Leak detection alarm.

NOTE - Alarm Response Procedures are not designed for, nor intended to be applied to, "expected" alarms generated by approved work activities or procedures.

Immediate Actions:

NOTE - This facility has been weatherized and there are no penetrations to add water.

[1] NOTIFY Shift Manager.

Possible Causes:

1. 244-S Filter Pit Drain Low.
2. 244-S filter pit does not have enough water in drain.
3. Instrument failure.

References:

Documents:  None.
Respond to Panel A Alarms at 242-S Evaporator

Facility: 242-S Evaporator Building

Panel: A  Alarm #: 4-5
Source: S244-WT-LE-103  Setpoint: N/A

AMBER
LOW LEVEL
244-S FLUSH PIT DRAIN
WT-LAL-103

Alarm Class: Plant Stability.
Alarm Description: Leak Detection Alarm.

NOTE - Alarm Response Procedures are not designed for, nor intended to be applied to, "expected" alarms generated by approved work activities or procedures.

Immediate Actions:

[1] NOTIFY Shift Manager.

Possible Causes:

1. 244-S flush pit does not have enough water in drain.
2. Instrument failure.

References:

Documents: None.
Respond to Panel A Alarms at 242-S Evaporator

AMBER

Panel: A  Alarm #: 4-6

LOSS OF VACUUM
244-S ANNULUS
SAMPLE PUMP
VTA-PAH-901

This Alarm is Out of Service
Respond to Panel A Alarms at 242-S Evaporator

**Facility:** 242-S Evaporator Building

**Panel:** A  
**Alarm #:** 5-6

**Source:** S244-VTA-RIAS-910  
**Setpoint:** 2000 cpm

**Alarm Class:** N/A.

**Alarm Description:** This System is Inactive.

**NOTE** - Alarm Response Procedures are not designed for, nor intended to be applied to, "expected" alarms generated by approved work activities or procedures.

**Immediate Actions:** None.

**Possible Causes:** None.

**References:**

- **Drawings:** H-2-46436, ECN-705761, H-14-020253.
- **Documents:** None.