Purgewater Tank Alarms

ETF Alarm Response Procedure Effluent Treatment Facility

USQ Not Required – ETF is a <Hazard Category 3 Radiological Facility

CHANGE HISTORY (≤ LAST 5 REV-MODS)

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Alarm

PURGEWATER LOW TANK LEVEL LSL-59A-004

PURGEWATER HIGH LEVEL SHUTOFF LSH-59A-003

RECORDS

No records are generated during the performance of this procedure.
PURGEWATER LOW TANK LEVEL
LSL-59A-004

DESCRIPTION: PURGEWATER LOW TANK LEVEL
Setpoint: 1 ft from bottom of Purgewater Tank 59A-TK-1
Alarm Location: LSL-59A-004
Graphic: Local Amber Light on Pump Controller Panel
Indications: N/A

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 unloading pumps 59A-P-103A or 59A-P-103B are operating, SHUT DOWN per ETF-59A-001.
[2] CHECK tank is not leaking.

Possible Causes
1. Tank is below 1 ft mark.
2. Alarm system malfunction.

References:
Drawings: None
Documents: ETF-59A-001, Load-In Station Operation
PURGEWATER HIGH LEVEL SHUTOFF
LSH-59A-003

DESCRIPTION: PURGEWATER HIGH LEVEL SHUTOFF
Setpoint: 1 ft from top of Purgewater Tank 59A-TK-1 (at knuckle)
Alarm Location: LSH-59A-003
Graphic: Local Amber Light on Pump Controller Panel
Indications: N/A

NOTE - Alarm response procedures are not designed for, nor intended to be applied to, “expected” alarms generated by approved maintenance or testing procedures.

Automatic Actions:
1. Purgewater unloading pump (59A-P-1A/59A-P-1B) stops.

Immediate Actions:
[1] NOTIFY SOM that contents of purgewater tank (59A-TK-1) must be transferred.

Possible Causes
1. Tank is full.
2. Alarm system malfunction.

References:
Drawings: None
Documents: ETF-59A-001, Load-In Station Operation