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

<table>
<thead>
<tr>
<th>CHANGE HISTORY (≤ LAST 5 REV-MODS)</th>
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<tbody>
<tr>
<td>Rev-Mod</td>
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DEMINERALIZED WATER LOW RESISTIVITY AAL-95D110 .......................................................... 2

RECORDS

No records are generated during the performance of this procedure.
DEMINERALIZED WATER LOW RESISTIVITY AAL-95D110

DESCRIPTION: DEMINERALIZED WATER LOW RESISTIVITY ALARM
Setpoint: 1 megohm-cm
Alarm Location: AIT-95D110
Graphic: Alarm Summary Screen
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.

Automatic Actions:
1. System will switch to other bank automatically unless both banks are depleted. Alarm will clear by itself after the bank switching is completed (approximately two minutes).

Immediate Actions:
[1] (SOE) CONFIRM BANK A/B WATER QUALITY POOR indication RED light is ON.
[1.1] PRESS ALARM RESET.
[1.2] ACTUATE BANK switching.
[1.3] OBSERVE switching between BANK A/B AND IDENTIFY reading.
[1.4] OBSERVE purging cycle time during switching between BANK A/B. (Purge cycle is at least one minute.)
[1.5] IDENTIFY which bank has a reading below set point AND REQUEST Maintenance replace bank.

NOTE - If both banks are less than one megohm-cm, then resin columns are depleted.
[1.6] ACTUATE BANK switch to switch back to good bank.

Supplemental Actions:
[2] NOTIFY SOM to request resin column replacement for bank with reading below setpoint.

(Continued on Next Page)
**DEMINERALIZED WATER LOW RESISTIVITY AAL-95110**

**DESCRIPTION:** DEMINERALIZED WATER LOW RESISTIVITY ALARM

**Setpoint:** 1 megohm-cm

**Alarm Location:** AIT-95D110

**Graphic:** Alarm Summary Screen

**Indications:** N/A

(Continued)

**Possible Causes:**

1. Failure of automatic switching cycle.
2. Switching cycle (approximately two minutes) not completed.
3. Resin column(s) depleted.
4. Purging cycle is less than one minute.

**References:**

**Drawings:** H-2-89023, Piping & Instrumentation Diagram, Raw/Demineralized Water System
H-2-89365, Logic Diagram Utility System, Demineralized Water

**Documents:** None