Uninterruptible Power Supply 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)

<table>
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<tr>
<th>Rev-Mod</th>
<th>Release Date</th>
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<th>Summary of Changes</th>
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<td>A-0</td>
<td>10/05/2015</td>
<td>Converting to WRPS Format</td>
<td>New Procedure; Supersedes ETF-PRO-AR-51367 (ARP-25I-001)</td>
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Uninterruptible Power Supply Alarms

Alarm

UPS ALARM “ON” AS-25I001............................................................................................................ 2

RECORDS

No records are generated during the performance of this procedure.
UPS ALARM “ON” AS-25I001

DESCRIPTION: UPS ALARM “ON” AS-25I001
Setpoint: On UPS local panel - Red LCD by “AC Input Failure” or “Low Battery Voltage.” Either message indicates UPS is on Battery Power.
Alarm Location: UPS System 25I alarm output to Micon MCS
Graphic: Alarm Summary Screen, Recent Alarm Window
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] DETERMINE nature of alarm at uninterruptible power supply (UPS).
NOTE - If battery power becomes too low, the MCS will lose control of systems in an unpredictable manner, and the ability to control from the control room will be lost.

[2] IF UPS AC power is down and cannot be restarted within five minutes of the original alarm:
[2.1] START placing ETF systems in SHUTDOWN per applicable procedures.
[2.2] ENSURE systems are placed in SHUTDOWN AND FLUSHED within a 30-minute time frame.
[2.3] SECURE flow into surge tank.
[2.4] PERFORM procedure ETF-AOP-85B-011, OTHERWISE RESTART UPS.

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Possible Causes:
1. AC power feed to UPS has been interrupted and UPS is on battery backup power.
2. Bypass switch has been engaged.
3. Local panel will give indication as to cause of alarm.

References: