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

<p>| Change History (≤ last 5 Rev-Mods) |
|-------------------------------|-----------------|--------------------------------------------------|</p>
<table>
<thead>
<tr>
<th>Rev-Mod</th>
<th>Release Date</th>
<th>Justification</th>
<th>Summary of Changes</th>
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<tbody>
<tr>
<td>A-0</td>
<td>09/08/2015</td>
<td>Conversion to WRPS Format</td>
<td>New Procedure; Supersedes ETF-PRO-AR-51369 (ARP-45-001)</td>
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HVAC System Fire Alarm Response

Alarm

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RECORDS
No records are generated during the performance of this procedure.
HVAC FIRE ALARM PROCESS AREA

Description: HVAC FIRE ALARM, PROCESS AREA (EVU-1A/1B)
Setpoint: N/A
Alarm Location: Logic Generated Alarm, fire protection system (LCUH\VD535451)
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. Radiologically controlled area HVAC shutdown.

Immediate Actions:

Possible Causes:
1. Process Area supply fan EVU-1A/-1B duct smoke detector actuated.

References:
Drawings: None
Documents: ETF-ERP-85B-005, Fire-Explosion at ETF ETF-45-002, RCA HVAC System Operation
## HVAC FIRE ALARM OPERATIONS SUPPORT

### Description:

HVAC FIRE ALARM, OPERATIONS SUPPORT (EVU6)

### Setpoint:

N/A

### Alarm Location:

Logic Generated Alarm, fire protection system (LCUHVD535452)

### Graphic:

Alarm Summary Screen

### Indications:

N/A

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**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. Operations Area (first floor) fan coil unit 45B-EVU-6 stops.

### Immediate Actions:

1. **PERFORM** ETF-ERP-85B-005.
2. **CHECK** fan coil unit 45B-EVU-6 shutdown per ETF-45-001.

### Possible Causes:

1. First Floor EVU-6 duct smoke detector actuated.

### References:

**Drawings:** None  
**Documents:** ETF-ERP-85B-005, Fire-Explosion at ETF  
ETF-45-001, Operation of Non-RCA HVAC System
**HVAC FIRE ALARM ELECTRICAL ROOM**

**Description:** HVAC FIRE ALARM, ELECTRICAL ROOM (EVU7)

**Setpoint:** N/A

**Alarm Location:** Logic Generated Alarm, fire protection system (LCUH\VD535453)

**Graphic:** Alarm Summary Screen

**Indications:** N/A

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**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. Electrical Equipment Room fan coil unit 45B-EVU-7 stops.

**Immediate Actions:**
1. **PERFORM** ETF-ERP-85B-005.
2. **CHECK** fan coil unit 45B-EVU-7 shutdown per ETF-45-001.

**Possible Causes:**
1. Electrical Equipment Room EVU-7 duct smoke detector actuated.

**References:**
- **Drawings:** None
- **Documents:** ETF-ERP-85B-005, Fire-Explosion at ETF
  ETF-45-001, Operation of Non-RCA HVAC System
HVAC FIRE ALARM SECOND FLOOR

Description: HVAC FIRE ALARM, SECOND FLOOR (EVU8)
Setpoint: N/A
Alarm Location: Logic Generated Alarm, fire protection system (LCUH\VD535454)
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. Control Area (second floor) fan coil unit 45B-EVU-8 stops.

Immediate Actions:

Possible Causes:
1. Control Room EVU-8 duct smoke detector actuated.

References:

Drawings: None
Documents: ETF-ERP-85B-005, Fire-Explosion at ETF ETF-45-001, Operation of Non-RCA HVAC System