Changes “Other Than Inconsequential” Require These Additional Reviews:

Radiological Controls
Lee Livesey’s Organization

USQ # GCX-2

<table>
<thead>
<tr>
<th>Rev-Mod</th>
<th>Release Date</th>
<th>Justification</th>
<th>Summary of Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-2</td>
<td>07/18/2018</td>
<td>Periodic Review</td>
<td>Updated the Records Section of the procedure.</td>
</tr>
<tr>
<td>N-1</td>
<td>11/29/2017</td>
<td>Operations request</td>
<td>Added Step 2.1.1 to address recording step completion. Changed RECORD section to generate no records.</td>
</tr>
<tr>
<td>N-0</td>
<td>10/04/2016</td>
<td>Periodic Review</td>
<td>Modified note – Clarification of duty card and Shift Manager responsibilities. Updated Records section to comply with Standard.</td>
</tr>
<tr>
<td>M-0</td>
<td>10/29/2015</td>
<td>Periodic Review</td>
<td>No changes identified at this time.</td>
</tr>
<tr>
<td>L-0</td>
<td>01/26/2015</td>
<td>Emergency Management request</td>
<td>Added new Step 2.1.7.1</td>
</tr>
</tbody>
</table>
NOTE - This procedure is not intended to be used as a standalone procedure. It is a guide for the 242-A Shift Manager (SM) to ensure appropriate actions are performed in the event of an emergency and is designed to augment applicable DOE 0223 “Emergency Plan Implementing Procedures.”

- This is a guide to assist the operator and Shift Manager in placing the facility in a safe configuration.

- Steps in this procedure can be performed simultaneously or in any logical order depending on situational needs.

- This procedure is designed to be used by the Shift Manager, BED, or members of the Emergency Response Organization (ERO).

- The attached Duty Card is to be completed by the A-1 operator. Since not all procedural steps are included in the Duty Card, the Shift Manager will ensure that all procedural steps are reviewed and the necessary steps are performed.

- Any change to the body of this procedure requires review of Attachment 1 to determine if changes to Attachment 1 are also required.

1.0 INITIATING CONDITIONS

- **High Winds:** Sustained high winds in 200 Area (gusts more than 90 mph) posing a threat to facility confinement structures.

- **Tornado:** A tornado striking 242-A Evaporator posing a threat to facility confinement structures.
2.0 ACTIONS

2.1 Initial Actions

2.1.1 WHEN performing Step 2.1.2, WRITE time of step completion on the laminated Duty Card AND RECORD time of step completion in the A-1 or Shift Manager logbook.

2.1.2 CONFIRM control room operator is performing Attachment 1.

NOTE - Steps 2.1.3 and 2.1.4 should be performed concurrently.

2.1.3 SECURE all outside doors and windows and warn personnel to use extreme caution when entering or exiting the building.

2.1.4 SECURE all outdoor waste and material handling activities.

2.1.5 EVALUATE possible impact to facility and operations.

2.1.6 SHUT all internal doors.

2.1.7 DETERMINE which ventilation systems, utilities and operations should be shut down to lessen severity of impact from high winds/tornado.

2.1.8 EVALUATE condition of facility to determine need for protective action to take cover per TF-ERP-001.

2.1.8.1 RECOMMEND to CSM to review RLEP 1-2.M for applicable EAL condition.

2.2 Follow-up Actions

2.2.1 PROVIDE the following information to BED:

- Facility status
- Personnel accountability
- Location of personnel.

2.2.2 PROVIDE BED with technical support during post-event inspection.
3.0 RECOVERY

3.1 Termination/Exit Criteria

- Winds subside and no longer threaten facility confinement
- Emergency is terminated in accordance with RLEP 3.4 Event Termination, Reentry and Recovery.

3.2 Reentry and Recovery

3.2.1 PERFORM assessment on condition of facility and what cleanup activity will be needed.

4.0 RECORDS

The performance of this procedure generates no records.

The record custodian identified in the Company Level Records Inventory and Disposition Schedule (RIDS) is responsible for record retention in accordance with TFC-BSM-IRM_DC-C-02.
Emergency Response Procedure 014
242-A Evaporator High Winds/Tornado

Attachment 1 – 242-A High Winds/Tornado Event Duty Card

- HIGH WINDS - SUSTAINED HIGH WINDS IN 200 AREA (GUSTS MORE THAN 90 MPH) POSING A THREAT TO FACILITY CONFINEMENT STRUCTURES.
- TORNADO - A TORNADO STRIKING 242-A EVAPORATOR POSING A THREAT TO FACILITY CONFINEMENT STRUCTURES.

SECURE all outside doors and windows.

SECURE all outside waste and material handling activities.

SECURE all internal doors and windows.

SECURE all outside doors and windows and warn personnel to use extreme caution when entering or exiting the building.

AS directed by Shift Manager
SHUTDOWN 242-A process per TO-600-060 Controlled Dump or Uncontrolled Dump.

SHUTDOWN ventilation systems, utilities, and operations as directed by Shift Manager.

A
AS directed by Shift Manager SHUTDOWN ventilation systems.

- K2 Ventilation System:
  - K2-5-1
  - K2-5-2
  - K2-5-3
- K1 Supply Fan K1-5-1 (K1-5-2/K1-5-3 will maintain facility confinement)
- HPT Office Wall A/C
- Lunchroom Wall A/C
- Shift Office Heat Pump
- Control Room NE Entrance Area Exhaust Fan.

AS directed by Shift Manager ISOLATE utilities per TF-AOP-EVAP-001.

AS directed by Shift Manager TAKE COVER per TF-ERP-001.

PROVIDE BED with technical support during post-event inspections.