Changes “Other Than Inconsequential” Require These Additional Reviews:

Radiological Controls:
Central Radcon Organization

USQ # TF-15-1100-S, Rev. 1

<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>G-2</td>
<td>05/01/2017</td>
<td>Periodic review comment resolution</td>
<td>Deleted Step 3.2.3 and sub-step for smoke affecting personnel.</td>
</tr>
<tr>
<td>G-1</td>
<td>04/13/2016</td>
<td>Operations request to correct an error in the reference</td>
<td>P. 6, Step 3.2.5.3 - Changed West Area referenced building to 272-WA.</td>
</tr>
<tr>
<td>G-0</td>
<td>07/01/2015</td>
<td>Periodic review</td>
<td>Steps 3.1.2, 3.1.3, deleted &quot;as applicable&quot; and added descriptive wording. Step 3.2.4.1 - Replaced Saltwell pumping with retrieval operations. Step 3.3.2 - Added TF-REC-001. Added new Step 3.1.5 at Operations request. Step 3.2.5.3 for relocation options changed to 272-WA. Step 3.2.3 changed to read &quot;CONTACT On-Call Industrial Hygienist/Chemical Hazard Assessor for additional Personal Protective Equipment.&quot;</td>
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<tr>
<td>F-1</td>
<td>09/16/2014</td>
<td>Operation request</td>
<td>Changed the way a SOEN message is sent.</td>
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<tr>
<td>F-0</td>
<td>06/03/2013</td>
<td>All changes are as a result of the periodic review process.</td>
<td>Deleted Step 3.1.8. Added new Section 3.3 with new Steps 3.3.1 and 3.3.2..</td>
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</table>
Response to Hanford Site Range Fire

1.0 AFFECTED PERSONNEL, FACILITIES, EQUIPMENT, OR AREAS

This procedure applies to WRPS personnel and subcontractors doing work in 200 East Area, 200 West Area, and 600 Area controlled by WRPS and equipment in these areas.

2.0 ENTRY CONDITIONS

2.1.1 Notification of a range fire on the Hanford Site that threatens or potentially impacts the 200 East, 200 West, and/or 600 areas.

2.1.2 Notification of an off-site range fire that may potentially impact the 200 East, 200 West, and/or 600 areas for reasons such as:

- Direction of fire advancement is toward the Hanford site.
- Direction of wind causes smoke to enter area or hamper operations.
3.0 ACTIONS

3.1 Immediate Actions

NOTE - Smoke from a range fire can be carried inside buildings or facilities through the ventilation systems, possibly causing activation of fire detector alarms.

- The following steps may be performed in any logical order.

3.1.1 IF a fire is reported on the Hanford site, ENSURE the Hanford Fire Department (HFD) is aware of the fire and its location by phone (911 or 373-0911 for cell phones) providing all information available AND, IF needed, REQUEST assistance.

3.1.2 ANNOUNCE entering TF-AOP-007 over Tank Farm radio channel(s) AND SEND SOEN message that includes the following:

• Entry into TF-AOP-007
• Event and location
• Required actions for affected personnel/protective actions
• Access approval and authority.

3.1.3 IF initial assessment indicates an immediate threat to personnel or requires time urgent protective actions to be taken, IMPLEMENT emergency response procedure(s) TF-ERP-001.

3.1.4 IF the fire reaches or involves a facility, IMPLEMENT emergency response procedure TF-ERP-006.
3.1 Immediate Actions (Cont.)

3.1.5 IF the following three conditions are met, CONSIDER implementing the Resource Conservation Recovery Act Contingency Plan.

1.) The event involved an unplanned spill, release, fire, or explosion;

   AND

2a.) The unplanned spill or release involved a dangerous waste, or the material involved became a dangerous waste as a result of the event (e.g., product that is not recoverable),

   OR

2b.) The unplanned fire or explosion occurred at a facility or transportation activity subject to RCRA contingency plan requirements

   AND

3.) Time-urgent response from an emergency services organization was required to mitigate the event, or a threat to human health or the environment exists.

3.1.6 IF localized conditions become so severe personnel cannot occupy their facility (e.g., heavy smoke) or conditions exist that require actions to relocate personnel, PERFORM the following:

3.1.6.1 INITIATE work delays,

   OR

   AUTHORIZE early release of non-essential personnel in accordance with TF-AOP-001.
3.1 Immediate Actions (Cont.)

3.1.7 REQUEST the following information about the fire from HFD to evaluate any potential threat to personnel, equipment, and facilities/buildings:
- Fire location and size
- Wind speed and direction
- Other environmental conditions (e.g., hot and dry conditions, wet or snow on the ground).

3.2 Follow on Actions

3.2.1 CONSIDER inspecting the WRPS hazardous facilities to identify and collect information on any of the following:
- Loose combustible material within, or along the fence lines of the facility
- Material that could initiate a reactive or explosive situation if exposed to heat or flames
- Chemical hazards
- Radiological hazards
- Pressure or missile hazards (e.g., gas or welding cylinders, compressor air tanks, etc.).

3.2.1.1 AS a result of inspections, TAKE necessary corrective actions as situation dictates.

3.2.2 MOVE government vehicles to safer locations as situation dictates.

3.2.3 PRIORITIZE current field operations and the importance to continue to operate running equipment for 200 East and 200 West areas.

3.2.3.1 AS the situation dictates, CONSIDER securing operating equipment and/or field operations such as transfers, retrieval operations, maintenance, etc.

3.2.3.2 PERFORM periodic HEPA filter surveillances to monitor for loading due to ash.
3.2 Follow on Actions (Cont.)

3.2.4 IF relocation of essential personnel from the 200 East or 200 West areas becomes necessary, PERFORM the following:

3.2.4.1 ENSURE move is coordinated through the Hanford EOC Shift Office or if activated the Emergency Operations Center (EOC).

3.2.4.2 SECURE equipment and operations in Tank Farms as time allows in accordance with prioritized list developed in Step 3.2.3.

3.2.4.3 CONTINGENT upon the ability of a facility to be occupied, RELOCATE essential personnel to the following facilities listed in order of preference:
   - 2704-HV
   - 272-AW in 200 East area or 272-WA in 200 West area.

3.2.4.4 IF off site relocation becomes necessary, COORDINATE through the Event Coordination Team/Emergency Operations Center (EOC) for a place to relocate.

3.3 Administrative Actions

3.3.1 EVALUATE conditions against occurrence reporting requirements of TFC-OPS-OPER-C-24 AND DETERMINE if criteria have been met requiring any of the following reports:
   - Operational Emergency
   - Abnormal Events
   - Occurrence Categories.

3.3.2 REQUEST Shift Manager evaluate need to notify Environmental per TF-REC-001, Response to Environmental Condition.
4.0 EXIT CRITERIA

4.1.1 Fire and/or smoke impact has subsided and no longer poses a threat to personnel or equipment in the 200 East, 200 West, and/or 600 area.

4.1.2 The situation has progressed to an emergency situation that requires implementation of any of the identified emergency procedures.

4.1.3 ANNOUNCE exiting TF-AOP-007 over Tank Farm radio channel(s) AND SEND SOEN message.

5.0 RECORDS

No records are generated during the performance of this procedure.