Hostile Action-Based Exercise
Lessons Learned (LL)

Thank you all for the hard work
each of you put in!

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HAB LL Questions

Are we a bit too deterministic?

Do licensees believe:

• that each task described in the HAB drill framework figures need to be performed?
  - LLEA perform initial sweep of PA and/or OCA
  - Provide detailed attack/threat timeline information, e.g., specify aircraft, airline, flight number, departure and arrival points, estimated number of people on board, estimated fuel on-board, etc.

• they are expected to win?
  - Attack phase terminates when appropriate players are informed all known adversaries are neutralized / of the aircraft impact.
Framework for a Land-Based or Waterborne Hostile Action-Based (HAB) Drill

<table>
<thead>
<tr>
<th>Attack Phase (15 to 30 minutes)</th>
<th>Initial Sweep Phase (30 to 60 minutes)</th>
<th>ERO Mobilization Phase (30 to 60 minutes)</th>
<th>Event Mitigation Phase (remainder of drill)</th>
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<tbody>
<tr>
<td>Events must meet threshold for a HOSTILE ACTION within the Protected Area</td>
<td>Local Law Enforcement Agencies (LLEA) and Security discuss the attack and review immediate Security needs</td>
<td>LLEA completes initial sweep of Protected Area and/or OCA, and establishes safe movement areas/corridors</td>
<td>Emergency response facilities are activated; may operate either primary and/or alternative facilities</td>
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<tr>
<td>Provide detailed attack timeline and realistic communications interfaces (e.g., a control cell to simulate CAS, SAS, etc.)</td>
<td>LLEA perform initial sweep of Protected Area and/or Owner Controlled Area (OCA), and establish perimeter control and access restrictions</td>
<td>Operations and ERO personnel may move in accordance with directions from ICP and Security</td>
<td>Projected or actual damage to irradiated fuel</td>
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<tr>
<td>On-site protective measures in effect as appropriate to date and time (e.g., shelter-in-place, take cover, hide, etc.)</td>
<td>On-site protective measures remain in effect (e.g., shelter-in-place, take cover, hide, etc.)</td>
<td>Licensee liaison personnel report to the ICP</td>
<td>Radiological release (if included in the drill scope) or potential for a release</td>
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<tr>
<td>Emergency classification and implementation of emergency plan; a Protective Action Recommendation (PAR) may be issued</td>
<td>Control Room may request immediate support for limited movement of personnel to support plant stabilization</td>
<td>ICP develops “damage footprint”</td>
<td>Licensee issues a Protective Action Recommendation (PAR) if not already performed</td>
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<td>Use of alternative facilities or</td>
<td></td>
<td>Offsite first-responders enter the Protected Area and commence operations (e.g., firefighting and medical responses).</td>
<td>Offsite authorities develop an appropriate protective action decision in consultation with the ICP</td>
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<td>At least two teams must be</td>
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HAB LL

- HAB Exercise Overview
- Scenario Development
- Communications - always a challenge
- ICP Interface & Support
- LLEA - Security - E-Plan Interface
HAB Questions

• Do we need to win? Last Known adversary neutralized

• Too much security simulation? Do simulations/discussions prove E-plan support?

• EP - Security Regulatory Gaps?
  – HAB exercises beyond DBT vs Security DBT
  – No requirement to defend/protect site personnel

• A bit too deterministic?

• Revise drill framework figures?