WHY ARE WE NEEDED?
Community Reception Centers

Early stages:

- Pre-establish locations
- Plan and practice
- Activated after event by local EM
- First responders and volunteers dispatched
- Set up and prep for incoming public
Areas of the CRC

- Initial Sorting
- First Aid
- Contamination Screening
- Wash/Decontamination Area
- Registration
- Dose Assessment
- Discharge
Let’s Get Organized!!
Areas of the CRC

Contamination Screening
Areas of the CRC

Contamination Screening
Areas of the CRC

First Aid
Areas of the CRC

First Aid
Areas of the CRC

Decontamination Area
Areas of the CRC

Decontamination Area
Areas of the CRC

Decontamination Area
Areas of the CRC

Decontamination Area
## Personnel Survey Form

<table>
<thead>
<tr>
<th>NAME:</th>
<th>DATE:</th>
<th>TIME:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Initial Evaluation</th>
<th>After First Decontamination Attempt</th>
<th>After Second Decontamination Attempt</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Initial Evaluation" /></td>
<td><img src="image2" alt="After First Decontamination Attempt" /></td>
<td><img src="image3" alt="After Second Decontamination Attempt" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Radiological Survey Results:</th>
<th>Radiological Survey Results:</th>
<th>Radiological Survey Results:</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image4" alt="Radiological Survey Results" /></td>
<td><img src="image5" alt="Radiological Survey Results" /></td>
<td><img src="image6" alt="Radiological Survey Results" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Comments:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image7" alt="Comments" /></td>
<td></td>
</tr>
</tbody>
</table>

## Acceptable Contamination Level is Less Than 300 cpm

<table>
<thead>
<tr>
<th>Evacuee Information:</th>
<th>Address:</th>
<th>Vehicle Make/Model:</th>
<th>Instrument Used:</th>
<th>Released?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Telephone:</th>
<th>Vehicle License#:</th>
<th>Serial#:</th>
<th>Sent to Hospital?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

6-15

Attachment 6-1
Areas of the CRC

Registration
Special Considerations

- Scope of event
- Staffing resources
- Facilities and resources for monitoring and decon
- Size of the population to be surveyed
- Radiation survey instrumentation utilized
- Management of people and information
- Psychosocial issues
- Special populations
- Communication with the public
Special Populations

- Caregivers and service animals
- Cognitive impairment
- Language barriers
- Transportation
- Physical impairments
- Cultural beliefs
Pets

- Pets Evacuation and Transportation Standards (PETS) Act
- Animal Decontamination
- Considerations
  - Allergies
  - Fear
  - Aggressive animals
  - Sanitation
  - Supplies and temporary housing
  - Owner or handler concerns
  - Identification & health records
Psychological Issues

- The ‘walking worried’
- Long term psychological effects
- Economic impacts
  - Migration
  - Loss of livelihood
  - Damage to infrastructure
  - Loss of transportation & communication
  - Stock market crash
- Discrimination
Three Mile Island - 1979

- Most significant accident in US history involving nuclear power
- Partial meltdown of the reactor
- No deaths or injuries
- China Syndrome released 12 days before
- Public opinion
Chernobyl - 1986

- Considered the worst nuclear power plant accident in history
- Flawed reactor design & inadequately trained personnel
- 5% reactor core released into atmosphere
- Over 30 people died, 134 cases ARS
- Large rate of childhood thyroid cancers
Goiânia, Brazil - 1987

- Powdered $^{137}$Cs
- Discarded canisters from radiotherapy machine
- Contamination spread
- Discrimination
- Decreased agricultural sales
- Issued certificate of non-contamination
Goiânia, Brazil - 1987

- 249 people contaminated
- 54 people hospitalized
- 28 suffered radiation burns
- 8 displayed Acute Radiation Sickness (ARS)
- 4 people died
- 112,800 people were monitored
  - approx. 10% of the population
  - Included 730 emergency workers

Social and economic impacts
A PLAN IS NEEDED!
IT SHOULD BE NOTED EMPHATICALLY THAT RADIOACTIVE CONTAMINATION IS NOT IMMEDIATELY LIFE THREATENING AND THEREFORE, A RADIOLOGICAL ASSESSMENT OR DECONTAMINATION SHOULD NEVER TAKE PRECEDENCE OVER SIGNIFICANT MEDICAL CONDITIONS.

NORMAL UNIVERSAL PRECAUTIONS ARE ADEQUATE TO PROTECT FROM RADIOACTIVE CONTAMINATION.
QUESTIONS?