Personal Protective Equipment

- Booties
- Gloves
- Tyvex suit
- Face shield
- N-95 mask
- Eye protection
- Dosimetry
Contamination Control
Contamination Control
Donning PPE

- Remove personal items of value
- Don PPE in clean area
- Tape cuffs and seams as needed
  - Leave tabs to aid in removal
- Double Gloves
  - Inner glove taped beneath the arm cuff
  - Outer glove is removable if contaminated
- Waterproof apron could be worn by those with decontamination duties
Doffing PPE

- Only remove PPE in a designated area where contamination can be monitored
- Dosimetry should be bagged and surveyed

- Worn PPE should be disposed of in marked containers
- Sequence of doffing should maximize contaminant control
Survey Technique

- Instrument job aid
- 1-3 inches from person, vehicle, or other object
- Monitor wounds 1st, then head to feet
- 3-6 inches/second
- Serpentine pattern
- Attention to eyes, nose, ears, hands, and mouth
- Document areas of contamination
- Adjust meter if the needle “pegs out”
## Personnel Survey Form

<table>
<thead>
<tr>
<th>NAME:</th>
<th>DATE:</th>
<th>TIME:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial Evaluation</td>
<td>After First Decontamination Attempt</td>
<td>After Second Decontamination Attempt</td>
</tr>
</tbody>
</table>

### Radiological Survey Results:

- **Initial Evaluation**: [Image of person with no contamination marks]
- **After First Decontamination Attempt**: [Image of person with slight contamination marks]
- **After Second Decontamination Attempt**: [Image of person with no contamination marks]

### Comments:

- [Space for comments]

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

Surveying for Contamination
Decontamination Techniques

External

- Clothing removal
- Tape
- Warm water & mild soap
  - Contaminated area only
  - Full body shower
When To Stop

- Decontamination efforts produce no effects
- Level of radiation is less than twice background
- Before intact skin becomes abraded
- Refer to hospital if CRC decon techniques have failed – possible internal contamination
Long-term monitoring

Registry

• *Population tracking*
• *Dose Assessment*
• *Bioassays*
  – *CBCs*
  – *UA*
• *Whole body counts*