



Worker Protection Areas Based on Exposure Rate



A	<p>EXTREME CAUTION AREA Lifesaving only. Stay times: minutes to 2.5 hours. Area: 0.0010 km² Extent: 0.02 km</p>
B	<p>HIGH RADIATION AREA Lifesaving and protection of major property only. Stay times: up to 25 hours for lifesaving, up to 10 hours for major property protection. Area: 0.003 km² Extent: 0.10 km</p>
C	<p>MEDIUM RADIATION AREA High priority emergency response. Stay times: up to 250 hours lifesaving, up to 100 hours major property protection, up to 50 hours for all other work. Area: 0.07 km² Extent: 0.5 km</p>
D	<p>LOW RADIATION AREA Low priority emergency work. Stay times: up to 500 hours. Area: 1.0 km² Extent: 2.2 km</p>
E	<p>ACCESS CONTROL AREA Monitor radiation dose with dosimetry. Position response assets outside or upwind. Area: 4.4 km² Extent: 4.4 km</p>

Assumptions:

- Areas shown are model predictions based on an estimated source term but no measurements.
- Residual radioactive ground contamination is the concern.

Notes:

- Access is limited via Stay Times and Turn Back Limits to assure worker doses do not exceed limits.
- Different dose limits apply for lifesaving, protection of major property, and general response work.
- Workers must leave the Access Control Area upon reaching control limit.
- Assure health physics professionals supervise dosimetry in Access Control Area.