

## Estimated Onsite worker and offsite public dose

Modeling has been done to estimate onsite worker and offsite public dose that may have resulted from the February 14, 2014, event. The results of the modeling indicate that all potential doses were well below the applicable regulatory limits (see results below). The modeling results are consistent with actual worker bioassay results. For modeling data see: (<http://www.wipp.energy.gov/Special/Modeling/Results.pdf>)

### Estimated Dose

### Applicable Regulatory Limit

Maximum estimated worker dose 10 mrem

5000 mrem per year

Maximum estimated public dose 0.1 < 1 mrem

DOE all-paths limit (adults) 100 mrem per year

DOE all-paths limit for children/pregnant women 25 mrem per year

EPA Air (NESHAPs) Standard for inhalation is 10 mrem per year

Natural Background 310 mrem