



Exposure Limits		
Description	(mrem/hr) Extent Area	Population
Limit for all occupational exposures exceeded by exposure for 30 minutes or less.	>10,000 0.8km 0.3km <sup>2</sup>	0
Limit for all occupational exposures exceeded by exposure for 5 hours or less.	>1,000 3.4km 4.7km <sup>2</sup>	0
Limit for all occupational exposures exceeded by exposure for 50 hours or less.	>100 14.4km 48.7km <sup>2</sup>	480
NCRP radiological control boundary.	>10 36.7km 343km <sup>2</sup>	1,330
Limit for NRC public exclusion zone exceeded by exposure for 1 hour or less.	>2 47.7km 854km <sup>2</sup>	3,260

Note: Areas and counts in the table are cumulative.

Population Source = LandScan USA V1.0.

Effects or contamination at January 16, 2015 08:47 UTC

Height AGL 1.0 m | Default Transit Speed 30.0 mi/hr | Route Type Monitoring

Use Worker Protection Dose Rate (Far Field) | Instrument No Instrument to Calculate Dose

**Total Dose: 7.83E3 mrem**

Hide Locations | Create 10 Point Plan | Shift Route Times to this start time: 09/02/2015 22:49:26 UTC

	Location	Arrival Time	Stay	Transit Time	Dose Rate At Location (mrem/hr)	Dose at Location (mrem)	Dose in Transit (mrem)
<input type="checkbox"/>	1) (46.333289 N, 119.292748 W)	09/02/2015 22:49:26 UTC	0:15:00	0:00:00	1.83E4	4.56E3	
<input type="checkbox"/>	2) (46.336382 N, 119.297466 W)	09/02/2015 23:05:03 UTC	0:15:00	0:00:37	6.44E3	1.61E3	1.2E2
<input type="checkbox"/>	3) (46.342566 N, 119.306902 W)	09/02/2015 23:21:17 UTC	0:15:00	0:01:14	2.03E3	5.07E2	7.64E1
<input type="checkbox"/>	4) (46.348751 N, 119.316338 W)	09/02/2015 23:37:31 UTC	0:15:00	0:01:14	8.86E2	2.21E2	2.83E1
<input type="checkbox"/>	5) (46.354936 N, 119.325774 W)	09/02/2015 23:53:45 UTC	0:15:00	0:01:14	3.2E2	8E1	1.18E1
<input type="checkbox"/>	6) (46.361121 N, 119.335209 W)	09/03/2015 00:09:59 UTC	0:15:00	0:01:14	1.24E2	3.1E1	4.34E0
<input type="checkbox"/>	7) (46.339833 N, 119.324426 W)	09/03/2015 00:28:06 UTC	0:15:00	0:03:07	9.63E2	2.41E2	3.07E1