RADIOLOGICAL STAY TIME TABLE

		ALL EMERGENCY ACTIVITIES				PROTECT PROPERTY	LIFE SAVING	VOLUNTEER ONLY		POTENTIALLY LETHAL DOSES	
		100 mrem 0.1rem	1 rem	2 rem	5 rem	10 rem	25 rem	50 rem	100 rem	300 rem	$LD_{(50)}$ 500 rem
SAFE AREAS	10 μR/hr	1 yr									
	50 μR/hr	12 wk	2 yr								
	100 μR/hr	6 wk	1 yr								
	500 μR/hr	8 day	12 wk	24 wk	1 yr						
	750 μR/hr	5.5 day	8 wk	16 wk	40 wk	1.5 yr					
	1 mR	4 day	6 wk	12 wk	30 wk	1 yr					
HOT LINE	2 mR/hr	50 hr	3 wk	6 wk	15 wk	30 wk	74 wk				
DANGER ---- HOT ZONE OPERATIONS ---- DANGER	5 mR/hr	20 hr	8 day	16 day	6 wk	12 wk	30 wk	1 yr			
	7.5 mR/hr	13 hr	5.5 day	11 day	4 wk	8 wk	20 wk	40 wk	80 wk		
	10 mR/hr	10 hr	4 day	8 day	3 wk	6 wk	15 wk	30 wk	1 yr		
	20 mR/hr	5 hr	2 day	4 day	10 day	3 wk	7 wk	15 wk	30 wk	2 year	
	30 mR/hr	3.3 hr	33 hr	3 day	1 wk	2 wk	5 wk	10 wk	20 wk	60 wk	
	40 mR/hr	2.5 hr	1 day	2 day	5 day	11 day	4 wk	8 wk	15 wk	1 yr	
	50 mR/hr	2 hr	20 hr	40 hr	4 day	8 day	3 wk	6 wk	12 wk	35 wk	1 yr
	75 mR/hr	80 min	13 hr	1 day	3 day	5.5 day	2 wk	4 wk	8 wk	24 wk	40 wk
	100 mR/hr	1 hr	10 hr	20 hr	2 day	4 day	10 day	3 wk	6 wk	18 wk	30 wk
	200 mR/hr	30 min	5 hr	10 hr	1 day	2 day	5 day	11 day	3 wk	9 wk	15 wk
	300 mR/hr	20 min	3 hr	7 hr	16 hr	32 hr	3 day	1 wk	2 wk	6 wk	10 wk
	400 mR/hr	15 min	2.5 hr	5 hr	12 hr	1 day	2.5 day	5.5 day	11 day\	31 day	52 day
	500 mR/hr	12 min	2 hr	4 hr	10 hr	19 hr	2 day	4 day	8 day	25 day	40 day
	750 mR/hr	8 min	78 min	2.6 hr	6.5 hr	13 hr	33 hr	3 day	5.5 day	16 day	4 wk
	1000 mR/hr	6 min	1 hr	2 hr	5 hr	10 hr	25 hr	40 hr	4 day	12 day	3 wk
	1.5 R/hr	3 min	40 min	78 min	3.5 hr	6.5 hr	16.5 hr	33 hr	3 day	8 day	14 day
	2 R/hr	3 min	30 min	1 hr	2.5 hr	5 hr	13 hr	25 hr	2 day	6 day	11 day
	3 R/hr	2 min	20 min	40 min	100 min	200 min	8 hr	16 hr	1.5 day	4 day	1 wk
	4 R/hr	90 sec	15 min	30 min	75 min	2.5 hr	6.5 hr	13 hr	1 day	3 day	6 day
	5 R/hr	72 sec	12 min	24 min	1 hr	2 hr	5 hr	10 hr	20 hr	2.5 day	4 day
	7.5 R/hr	48 sec	8 min	16 min	40 min	78 min	200 min	6.5 hr	13 hr	40 hr	3 day
LIFE SAVING ONLY	10 R/hr	36 sec	6 min	12 min	30 min	1 hr	2.5 hr	5 hr	10 hr	30 hr	50 hr
	20 R/hr	18 sec	3 min	6 min	15 min	30 min	75 min	2.5 hr	5 hr	15 hr	1 day
	30 R/hr	10 sec	2 min	4 min	10 min	20 min	50 min	96 min	3 hr	10 hr	17 hr
	40 R/hr	9 sec	90 sec	3 min	7.5 min	15 min	38 min	75 min	2.5 hr	7.5 hr	12 hr
	50 R/hr	7 sec	72 sec	80 sec	6 min	12 min	30 min	1 hr	2 hr	6 hr	10 hr
	75 R/hr	5 sec	50 sec	100 sec	4 min	8 min	20 min	40 min	80 min	4 hr	6.5 hr
	100 R/hr	4 sec	30 sec	1 min	3 min	6 min	15 min	30 min	1 hr	3 hr	5 hr
	200 R/hr	2 sec	18 sec	30 msec	90 sec	3 min	7 min	15 min	30 min	90 min	2.5
LETHAL POTENTIAL	300 R/hr	1 sec	10 sec	20 sec	1 min	2 min	5 min	10 min	20 min	1 hr	100 min
	400 R/hr	1 sec	9 sec	15 sec	45 sec	90 sec	3.5 min	7.5 min	15 min	45 min	75 min
	500 R/hr	1 sec	7 sec	15 sec	30 sec	72 sec	3 min	6 min	12 min	36 min	1 hr
	750 R/hr	1 sec	5 sec	9 sec	24 sec	48 sec	2 min	4 min	8 min	24 min	40 min
	1000 R/hr	1 sec	3 sec	7 sec	18 sec	36 sec	90 sec	3 min	6 min	18 min	

Initial Action Levels

Normal Background	8 - 16 μR/hr
Potential Contamination	2x'sBackground
Hot Line	2 mR/hr

1 sievert (1 Sv)= 100 REM (100 R)

1 milli sievert (1 mSv) = 100 milli REM (100 mR)

EPA Established Exposure Limits

Any Emergency Activity Limit	5 rem total dose
Protect Significant Property	10 rem total dose
Life Saving Rescue	25 rem total dose
Mild toxic affects	50-100 rem dose
$LD_{(50)}$	500 rem total dose

This page intentionally blank