Emergency Response Aspects

Variable	Value	Defn	Page
OALARM	1300 sec	time at which notification is given to initiate protective measures	5-24
PDELAY	3700 sec	time of release of plume (seconds after scram)	5-26
population data	Surry Site		6-9
LASMOV	20 miles	outer boundary of evacuation zone that evacuees traverse	6-26
NUMEVA	10 miles	outer boundary of region that individuals are subject to evacuation	6-25
DLTSHL	2 hrs	duration of period between OALARM & sheltering	6-25
DLTEVA	0 hr	duration of sheltering period	6-25

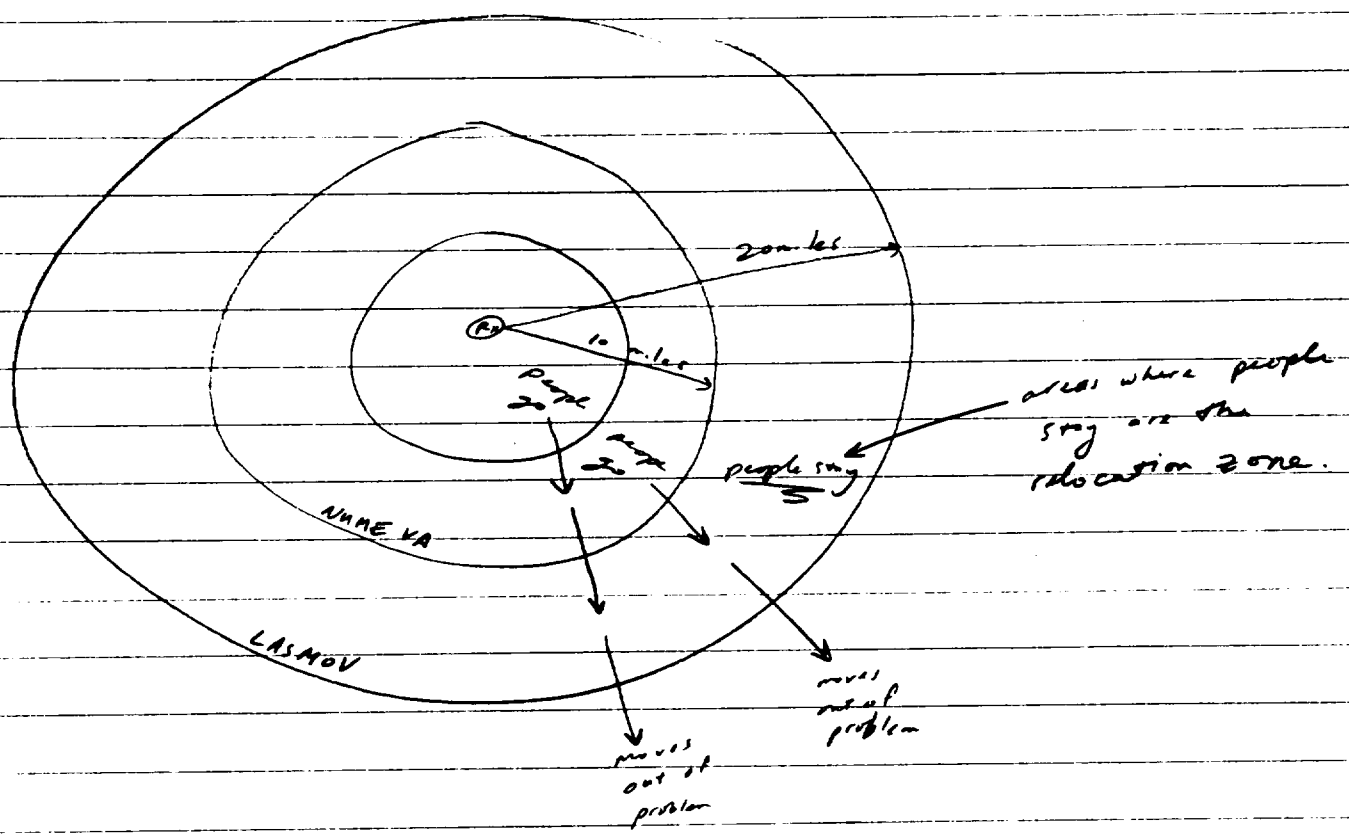
sheltering and evacuation region - sheltering period prior to evacuation

relocation zone - area ..

First, sheltering phase

Then, travel out of the region (evacuation) ← early / middle / late

ESPEED $1.8 \frac{\cancel{hr}}{\cancel{sec}} \times \frac{1 \text{ mile}}{1600 \text{ m}} \cdot \frac{3600 \cancel{sec}}{\cancel{hr}} = 4 \frac{\text{miles}}{\text{hr}}$



Dose-dependent relocation actions: