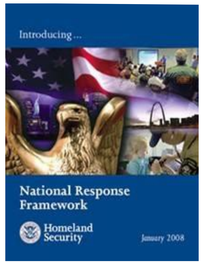
Population monitoring evaluates the presence of radioactive material on the body or clothing of an individual or individuals. If radioactivity is detected, decontamination, dose assessment, and long term tacking may be necessary. These activities will take place in a Community Reception Center.



Population is the responsibility of State and local agencies.

County Health Departments plan for CRCs and Population Monitoring. CRCs are staffed by County Health and a variety of volunteer organizations.

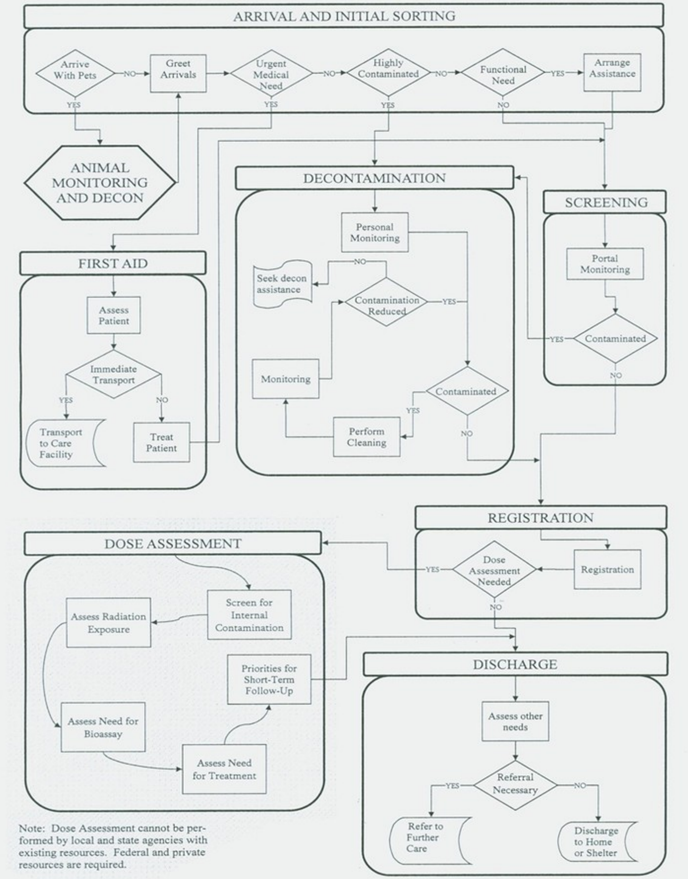
Radiation Response Volunteer Corps provides radiation expertise to perform population monitoring and decontamination.

Mission: Radiation Professionals protecting the health of the citizens of Kansas by volunteering to assist with population monitoring during a radia-

☢ Events:
- -Nuclear
- -Terrorism
- -Transportation
- -Lost & Stolen sources

☢ Problems:
- -Resources limited
- -Resources take time to arrive
- -Hospitals overwhelmed
- -Public fear and anxiety

Kansas Community Reception Center Flow Diagram



Note: Dose Assessment cannot be performed by local and state agencies with existing resources. Federal and private resources are required.

Vehicle Monitoring & Decon

Vehicles will be guided to a parking area to drive through a portal monitor. If found to be contaminated, they will be directed to the decon area. Clean vehicles will park in the designated clean area. Spot decon will take place. Only if the occupants of the vehicle went through decon will the interior be monitored and decontaminated as needed.

Animal Monitoring & Decon

The Pets Evacuation and Transportation Standards (PETS) Act requires that local and state disaster plans include provisions for household pets and service animals in the event of a major disaster or emergency. Service animals are allowed into the CRC and will be monitored and decontaminated as necessary. Some citizens may arrive with a variety of animals. Plans and procedures need to be created for the many challenges that exist. Animal response teams have the expertise in animal behavior and receiving and housing a variety of animals temporarily. They may have veterinarians and vet technicians on staff that have experience in animal decon. The RRVC will be present to monitor and perform decontamination as necessary.

Initial Sorting

Workers at this stage will greet arriving citizens and assess individuals to determine if there is an urgent medical need, if meters indicate a high level of contamination, or if there are any special needs .

First Aid

Urgent medical needs always take precedence over radiological contamination or exposure. Life-threatening conditions will be referred to the ER.

Contamination Screening

Contamination will determine if a person can proceed to registration or be directed to the decontamination area.

Decontamination

Men and women will be segregated into different decontamination areas. Families should not be separated. More thorough monitoring takes place to identify the areas of contamination and the activity level. Ninety percent of contamination can be removed with the removal of clothing. Citizens will be instructed to begin with the least aggressive method of decontamination and continue attempting to remove the contamination as long as a marked decrease in activity is seen. The citizen will be referred to a hospital for possible internal contamination if meters do not indicate a decrease in activity level.

Dose Assessment

If a follow up is necessary due to contamination or exposure to radiation, biological specimens may be collected.

Registration

This station of the CRC is where all of the person's information will be obtained, including where they were at the time of the event, any decon that may have been performed, and information that needs to be gathered if there will be a long term follow up.

Discharge

The citizen will be further evaluated for counseling needs and referred, if necessary, and provided additional information.