

# International Conference on Safety and Security of Radioactive Sources

## Joint Training Exercises Among Radiological Security Stakeholders



Global  
Material  
Security



**ORS**  
Office of Radiological Security  
*Protect • Remove • Reduce*

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**MISSION:** The Office of Radiological Security enhances global security by preventing high activity radioactive materials from use in acts of terrorism.

## PROTECT

PROTECT radioactive sources used for vital medical, research, and commercial purposes



## REMOVE

REMOVE and dispose of disused radioactive sources



## REDUCE

REDUCE the global reliance on high-activity radioactive sources by promoting the adoption and development of non-isotopic alternative technologies



## Benefits of Joint Training Exercises

- Joint Training Exercises allow all stakeholders to look at the security of radioactive sources holistically
- Each Stakeholder understands their responsibilities
- Stake holders may not be familiar with other stakeholders responsibilities and how they integrate into the entire protection plan.
- Difficult to accomplish in



## Graded Approach To Joint Training Exercises

- Recommended in order to create a repeatable process involving all stakeholders
- Create a repeatable process involving all stakeholders
- Use a bottom up approach begin at the lowest level and increase complexity by adding other stakeholder



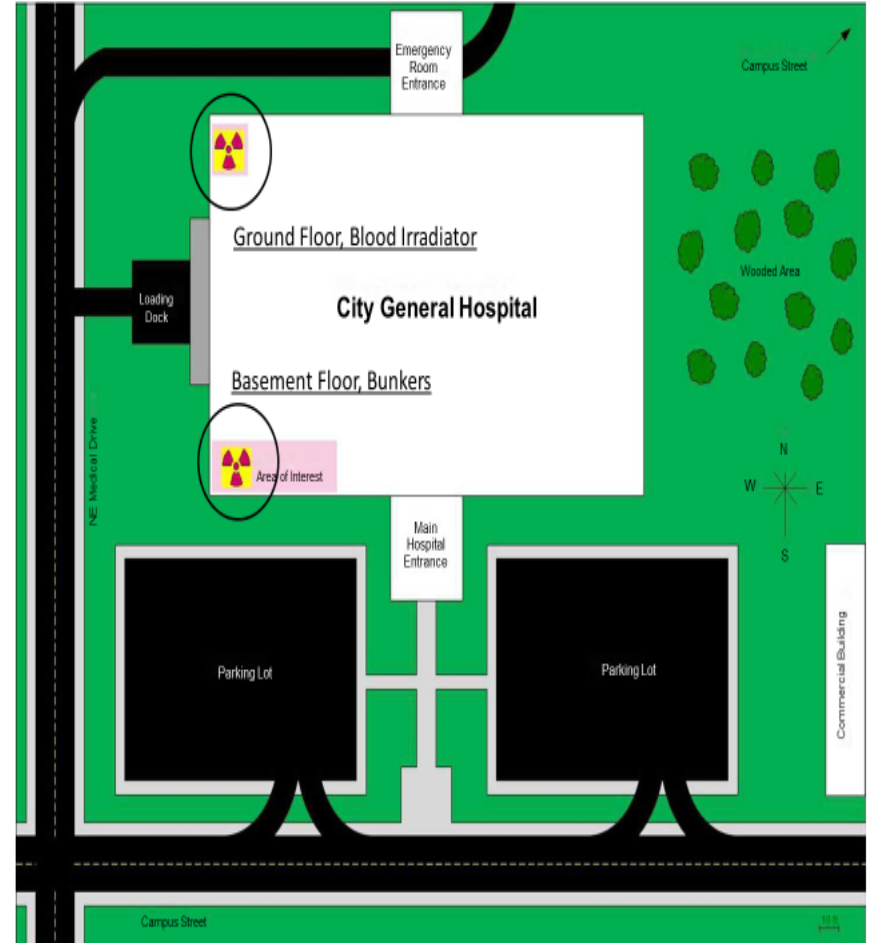
# PLANS AND PROCEDURES

- All Stakeholders should have predetermined security/contingency plans
- Performance tasks can be extrapolated from these plans and procedures
- Plans and procedures should include timely notification to response personnel and containment of material and adversaries



# Site-level Joint Training Exercise

- A facilitated discussion or a response exercise is a great way to start the joint training exercise process
- Plans and procedures of each stakeholder organization can be exercised
- The focus of this exercise could be the timely response of the site to local law enforcement





# Limited Scope Joint Exercises

- The next phase of joint training exercises is to expand the scope of the initial exercise
- A tabletop exercise (TTX) is also appropriate for initial exercises.
- Could move beyond the tabletop and participants from multiple organizations could actually perform their actions
- Focus on LE ability to respond and set containment





# Fully Integrated Joint Training Exercises

- Necessary in the event that any of the site-level and other local-level preventative measures fail
- This type of exercise once again expands the scope of the original exercises
- National level organizations have capabilities that do not exist at the site or local law enforcement level



## Conclusion

- No organization anticipates failure of their systems.
- However, all organizations should be prepared to respond attempted or actual thefts of radioactive material if there is a failure
- By conducting and participating in joint training exercises, all stakeholders will have a holistic view of the protection of radioactive material

