

2013 NRC RIC Are You Prepared for HAB Exercise? March 13, 2013

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Minnesota HAB Planning

What is the initial emergency?

- Attack on the plant?
- Radiological emergency?

Our planning basis is that it is a hostile event and not a REP emergency until control of the facility is lost and a threat of a release.



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MN Planning Process...

- Developed:
 - *HAB Considerations Fact Sheet*
 - *HAB Resources Fact Sheet*
- Created Program Manual
HAB reference document
(planning guide criteria)



Process...



- Conducted a gap analysis of HAB response activities
 - Integration of a Command Post into the response
 - Identification of staging areas
 - Tactical law enforcement response verses radiological emergency
 - Initial response versus a take-back response
 - Prompt access and communications issues

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Process...



- Developed and validated planning assumptions
 - Base REP plan would be maintained
 - Initial public information would come from the JIC
 - Command Post would be responsible for on-site and near-site coordination
 - EOCs would coordinate off-site response
 - REP Protective Action Decisions from SEOC

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Process...



- Constructed a matrix of:
 - Response resources
 - Response times
 - Personnel
 - Equipment
- Included local, state and federal asset
- Snap shot of what is available and when



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HAB Challenges



- Command post Communications
 - County EOC
 - State EOC
 - Plant TSC or EOF
 - Alternate TSC or EOF
 - During duck and cover



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HAB Challenges



- Prompt access to site
 - During lock down.
 - Vehicle barrier systems in place.
 - Loss of outer guard office
 - Protection of law enforcement while gaining access to the site.



HAB Challenges



- Neutralizing the threat
 - Containment of hostile forces
 - Role of on-site security
 - Role of law enforcement
 - Protection of on-site workforce.
 - Who determines an "all clear" on the site?



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HAB Challenges



- Protection and release of the workforce
 - Search of all buildings
 - Safe movement of workers
 - Evacuation and containment of workforce
 - Interview of workforce
 - Prioritizing the release of critical workers



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HAB Challenges



- Determine just-in-time training capability for non-traditional responders
- Locations and accessibility of additional dosimetry, KI and TLD's



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HAB Considerations



- Need agreement on initial pre-determined protective actions for HAB incidents
- Consensus reached for Monticello:
 - Establish the 2-mile TACPs at a SAE declaration
 - Evacuate 2-mile area and 5 miles downwind
- Prairie Island HAB incident may be to shelter 2-mile and evacuate downwind out to 5 miles

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