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RESPONSE LAW ENFORCEMENT



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Law Enforcement Response to CBRN

■ Investigation

- Arrest and/or apprehension of subject
- Seizure of CBRN Material
- Forensic Investigation of the scene
- Prevention of further CBRN threats
- Case Prosecution
- Investigation

■ Consequence Management

- Command & Control – Multi Agency Response
- Site Security
- Survivor Reception
- Hospital Procedures
- Disaster Victim Recovery & Identification – Mortuary Process
- Joint Police/Health Media Strategy
- Public Reassurance
- Decontamination
- Return to Normality



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CBRN Requirements

*Personnel expected to operate in CBRN contaminated environments,
“Must have” appropriate training and equipment, to meet safety requirements.*

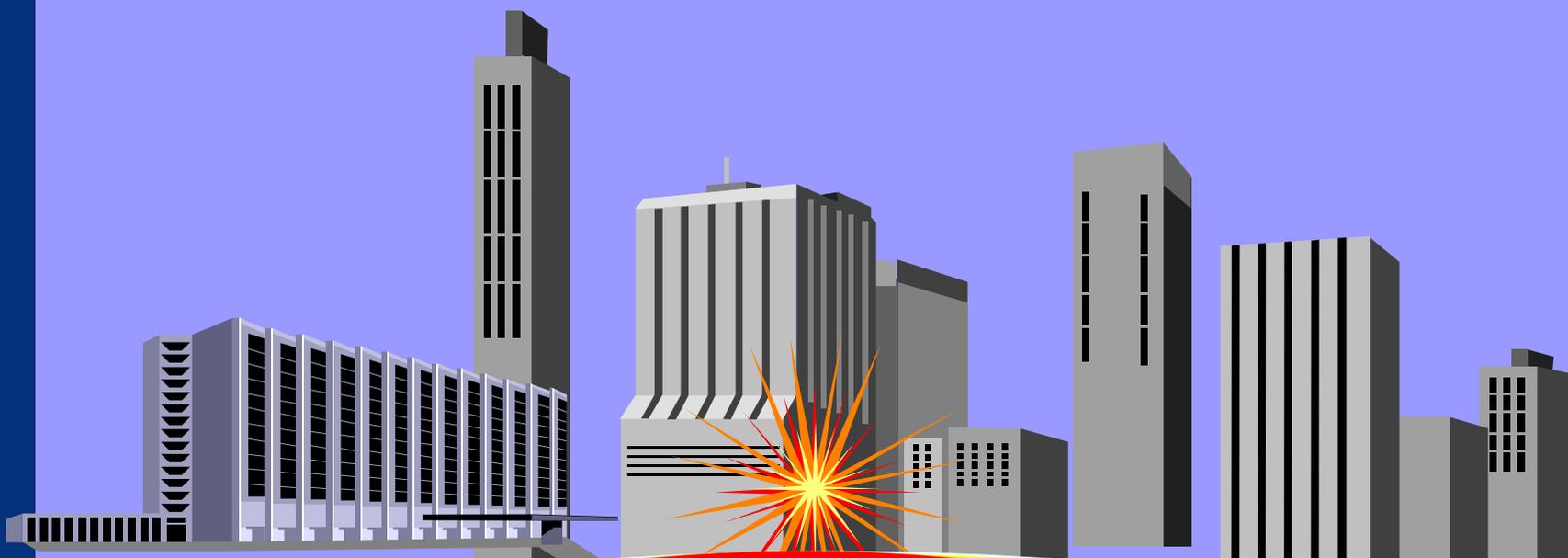


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Hot, Warm & Cold Zones



Hot Zone - Critical Incident

Warm Zone – Incident Working Area

Cold Zone – Incident Support

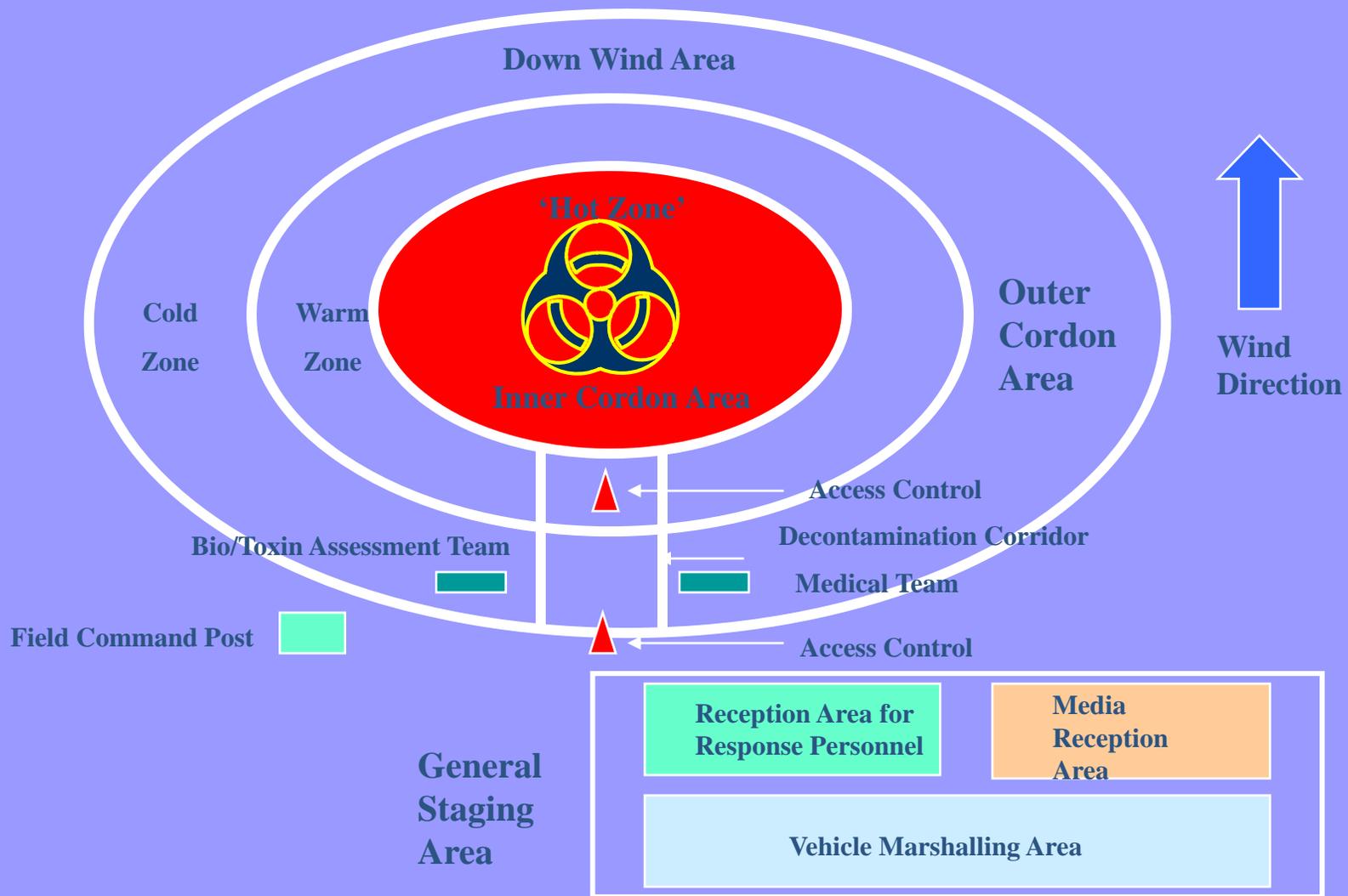


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Generic Model Cordon Control Areas





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CBRN Law Enforcement Phases

Preservation of Life – Primary Concern

- **Tactical Phase** (Arrest)
 - Apprehension of the suspect
- **Operational Phase** (Scene Management)
 - Provide Rescue / Hazard Control
 - Protect the Public
 - Causality Management
 - Identify and mitigate hazards
- **Crime Scene Phase** (Forensics)
 - Evidence Collection
 - Packaging/ Transport to Laboratory
- **Remediation Phase** (Consequence Management)
 - Decontamination of area
 - Hospital Procedure
 - Site recovery





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CBRN Law Enforcement Phases

- Tactical Phase
 - Arrest Strategy
 - Apprehension of the suspect
- Considerations
 - Has an appropriate Risk Assessment been conducted?
 - Do we have to arrest the subjects at the same location of the CBRN material?
 - Who will be conducting the arrest?
 - Is the arrest team trained and equipped to operate in a CBRN environment?
 - Who will conduct supporting operations?
 - Decontamination of personnel
 - Medical Services





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CBRN Law Enforcement Phases

■ Operational Phase

- Crime Scene Management
 - Search – Secondary Devices
 - Cordons & Reception Area
- Site Management
- Resource co-ordination
- Investigation
- Administration

■ Considerations

Do you have;

- Police specialists , Bomb squad, Fire, Medical personnel trained to enter a CBR environment?
- What specific resources do you need for each phase?
- Who else do you need to involve?





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CBRN Law Enforcement Phases

■ Crime Scene Phase

(Forensics)

- Evidence Collection
- Packaging
- Transport to Laboratory

■ Considerations

- Personal and public safety
- Sample integrity and preservation
- Accurate documentation and chain of custody
- Legal authority to collect evidence
- Only bring equipment necessary for the scene
- Identify laboratory for sample and evidence analysis





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CBRN Law Enforcement Phases

- Remediation Phase (Consequence Management)
 - Site security
 - Survivor Reception/Witness Management
 - Hospital Procedures (security/contamination)
 - Disaster Victim Recovery & Identification
 - Environmental sampling post decontamination
 - Liaison - Law Enforcement & Public Health
 - Joint Police/Health Media Strategy
 - Respect for Cultural/Religious Beliefs
 - Decontamination of area/buildings and clean up
 - Hand back of site & return to normality



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CBRN Law Enforcement Phases

■ Remediation Phase (Consequence Management)

■ Normal Police Functions

- Command & Control
- Crowd Management
- Access Control
- Traffic Management
- Public information
- Security & Protection



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Consequence Management

Considerations

- Identification of agency or personnel for site remediation following completion of law enforcement site operations
- Public Reassurance – Public Perception
- Resources required
- Experts required



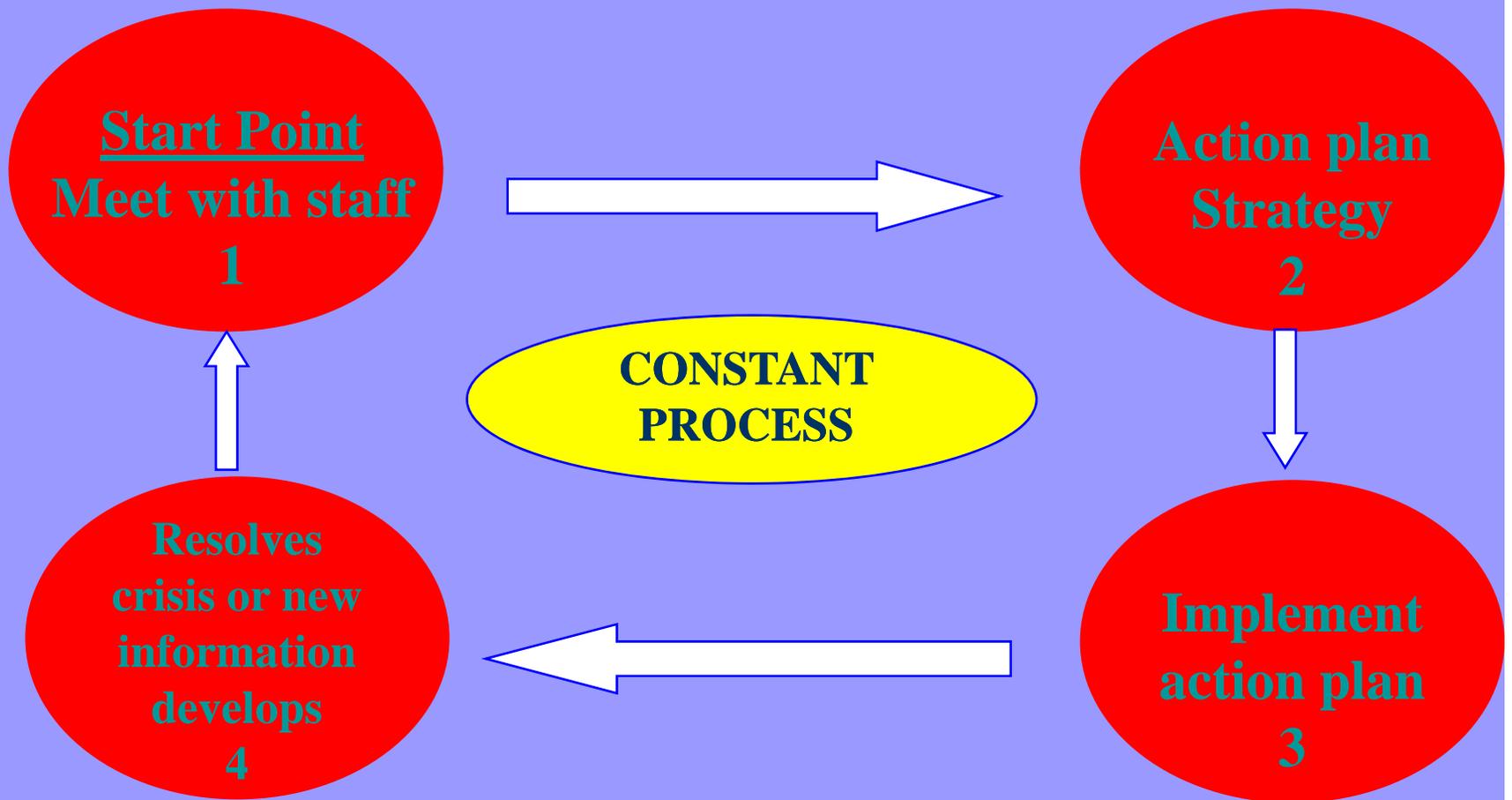
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Biological Emergency Support Team

BEST





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Crisis management for a terrorist attack using biological agents may consists of:

- Intelligence
- public health monitoring
- surveillance
- detection
- reporting the use of a biological weapon
- police + health joint investigations
- apprehend the perpetrators
- recovery

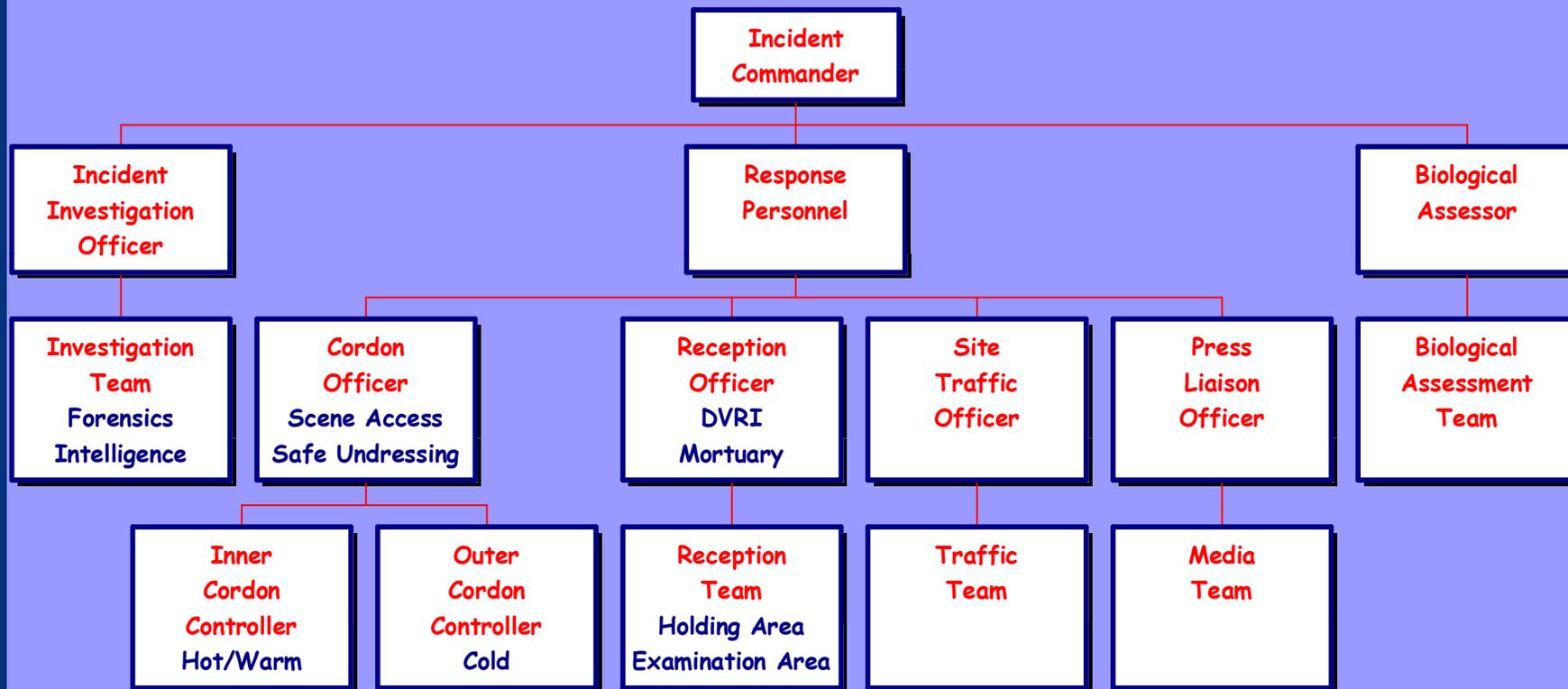


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Tactical Command Structure





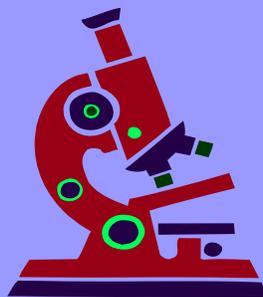
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BEST Possible Partnerships

- Healthcare
- Emergency Medical Services
- Public Health
- Laboratories
- Fire Service
- Hazmat
- Law Enforcement
- Intelligence
- State Agencies
- Federal/Local Agencies





BEST Strong Points

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- ✓ Requires minimum financial support
- ✓ Consists only in technical advisors
- ✓ Experts already available in each country-needs only to identify them
- ✓ May operate on regular basis or ad-hoc
- ✓ Useful to advise the decision makers before, during and after an event
- ✓ Through Bio-T point of contact will have access to all data available world wide
- ✓ May help for selection and implementation of national training programs
- ✓ May explore legislation revision





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Conducting a Hazard Risk Assessment



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Risk Based Response Strategy

- An evaluation of the situation and identification of hazards.
- Determine the likelihood of an event that will cause injury or death.
- Develop operational objectives and implement based on the assessment.



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Operational Steps

- Recognize and Identify the threat
- Assemble the appropriate personnel
 - (Law Enforcement, Fire/Rescue, Public Health, CBRN Specialists, others)
- Conduct a Hazard Risk Assessment
- Establish a site management structure
- Establish operational mission objectives
- Prioritize and implement tasks



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Considerations

- What is the expected outcome?
- What are the results of your actions?
- Review & assess your plan.
- Is your operation safe?
- Continual monitoring, linked into your intelligence updates and expert scientific advice.



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Response Model

- What is the perception of the problem
 - Aims & Objectives
- Legally and operationally, who needs to participate?
- Conduct an initial assessment
 - What do you know?
 - What are people telling you?
 - Identify the outward warning signs and detection clues.



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Example of Aims & Objectives

- Prevent dissemination of CBRN material
- Seize the CBRN materials
- Gather information
- Collect evidence
- Arrest the perpetrator
- Seek a successful prosecution of the perpetrator
- Reassure the public



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How to conduct a Hazard Risk Assessment

- Evaluate the CBRN Material
 - Evaluate the product, container and the environment
 - What are its characteristics?
 - Seek specialist advice
- What is the threat to Life, Property, Infrastructure and Environment?
- Are there any visible signs or symptoms?
- Review & Assess the Risk Assessment (Flexibility)



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CBRN Field Screening

Environmental screening of the area and items may be a valuable part of a risk assessment

- Use detection devices to check for:
 - Explosives
 - Radioactive
 - Flammables
 - Volatile Organics
 - Corrosives



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Develop your Operational Plan

- Choose response options
 - Write your mission objectives and goals
 - **I**ntelligence **I**ntention **M**ethod **A**dmin **R**isk **C**omms
 - Ensure all staff are briefed accordingly
- Initiate Action Items
 - Develop the incident specific management model
 - Based on using an Incident Command System
 - Develop the written Site Safety Plan
 - Strongly enforce the safety plan



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Develop your Plan

- Establish Response Priorities
 - Operational Protocols
 - Safety Procedures
 - Resource Availability
 - Is the plan:
 - Safe
 - Legal
 - Effective
 - Within accepted standards and practice



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Initiate Operations

- Safety and Management checklist:
 - All the appropriate agencies notified
 - Incident management structure in place
 - Strategic aims & objectives posted
 - Operational Plan posted
 - Site Safety Plan posted
 - Safety and Operational Plan briefed to everyone
 - Contingences in place
 - Safety Officer Appointed and Identified to all
 - Support Teams in Place
 - Medical Support in Place
- Continually evaluate and adjust operations as required



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Example Actions

Indoor Bio Release Considerations

- **5 x W**
 - What is it? – size & description
 - Where is it? – exact location & access to it
 - When was it found? – has it been moved?
 - Why is it suspicious?
 - Who is a victim and who has seen it (witnesses)
- **5 x C**
 - Confirm the information is correct
 - Clear the area
 - Cordons – put in place – allow no one near
 - Control – Access
 - Check all in place, correct procedures, secondary devices

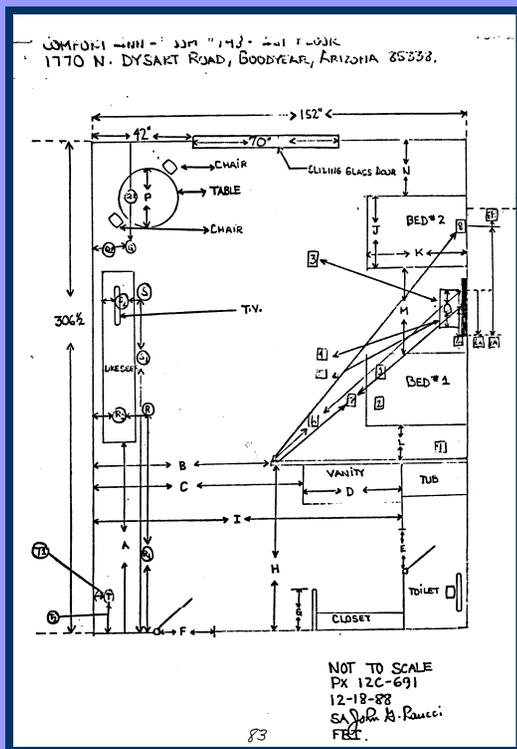


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Crime Scene Processing





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CBRN Crime Scene Management

The management of a CBRN Crime Scene will follow standard operating procedures.

However, responders must be cognizant of the following considerations:



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CBRN Crime Scene Considerations

- Evaluate each and every sample or piece of evidence for:
 - ✓ Is the evidence valuable to the investigation versus threat posed from collecting.
 - ✓ Can the evidence be obtained without removing it from the scene? (e.g. video/photograph).
 - ✓ Computers/Telephony – download evidential data at scene.
 - ✓ Can evidence be decontaminated without destroying evidence prior to removal?
 - ✓ Can evidence be processed, documented and decontaminated prior to removal?
 - ✓ Can evidence be processed, documented and sealed prior to removal?
 - ✓ Can you adapt your current processes & procedures for use within a CBRNE scene?
 - ✓ Is there a facility that can process evidence if you remove it?



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CBRN Crime Scene Considerations

- *All samples / evidence removed from scene must receive preliminary analysis*
 - Must identify radiological or explosive material prior to transport to a laboratory
 - Based on the identified hazards is the material safe to:
 - Transport?
 - Submit to the laboratory?





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CBRN Crime Scene Considerations

Shipping Containers

- All samples and evidence must be treated as if they are contaminated
- Evidence bags must be chemically and biologically resistant and monitored.
- Containers must keep substances from leaking out during shipment.
 - ✓ 1A Containers
 - ✓ Overpacks
 - ✓ Overpack Barrels
 - ✓ Pelican style Case
 - ✓ Specialty Containers





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Transportation

- Once materials are screened, appropriate packaging selected
- Transported to the appropriate laboratory





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Conclusion

- In any Biological attack, be it overt or covert, the primary concerns are:
 - Preservation of life
 - Safety of personnel involved
 - Investigation
 - Intelligence to prevent further attacks
 - Public reassurance & return to normality
- This list is not exhaustive!