

## **ANNEX H**

### **HAZ-MAT/RADIOLOGICAL PROTECTION ANNEX**

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## ANNEX H

### HAZ-MAT /RADIOLOGICAL PROTECTION

#### I. PURPOSE

This Annex outlines, for the Town of Frye Island a Haz-Mat/Radiological monitoring and reporting system to minimize the effects of Haz-Mat/Radiation Hazards to the community and its public. Included in these procedures are detecting, monitoring and assessing and decontamination of a Haz-Mat radioactive environment.

#### II. SITUATION AND ASSUMPTIONS

##### Situation:

- Although the Town of Frye Island has no radiological related activities there may be the remote possibility, if an accident, involving radioactive material, occurred during transport through Raymond and Naples Via Rt. 302.
- There is always the remote possibility the Town of Frye Island may receive radioactive fallout from an accidental or deliberate Nuclear Weapons Detonation.
- Haz-Mat potential in the Town is generally limited to fertilizers, weed control substances, fuels (natural gas, diesel and gasoline) and water treatment chemicals. Annually, 4<sup>th</sup> of July fireworks are a Town sponsored event.

##### Assumptions:

- Properly developing, exercising and maintaining a fully operational Haz-Mat radiological protection system will significantly reduce the number of injuries from a related incident.
- Adequate facilities, equipment and trained personnel will be available to collect record and evaluate data.
- During a radiological incident, communications systems may be disrupted and additional assistance may be expected from higher levels of government.

#### III CONCEPT OF OPERATIONS

##### A. General:

1. The management of Haz-Mat/Radiological emergencies involves three critical activities.
  - Environmental Surveillance
  - Personnel Exposure Control
  - Protective Measures

2. In a large-scale emergency involving Haz-Mat/Radiological materials, many elements of local governments will be combined considering the following components.
  - Facilities
  - Equipment
  - Trained Personnel
  - Communications
  - Plan and procedures
3. The Frye Island Central Fire Station is designated as the EOC and will be the primary focal point of communications with the County and State Government in all Haz-Mat/Radiological Emergencies.

## **B. Phases of Management:**

### **Mitigation:**

- Designate a Haz-Mat/Radiological Protection Planner.
- Design and develop a Haz-Mat/Radiological Protection System that provides for detection, reporting assessment and decontamination of the impacted area and environment.
- Train emergency response personnel in the detection and identification of hazardous materials.
- Obtain limited radiological instruments and train appropriate response personnel.
- Establish a single location to be designated for direction and control.
- Establish a public information system to advise citizens during a Haz-Mat/Radiological situation.
- Identify locations that will provide adequate protection against the effects of a Haz-Mat/Radiological environment.
- Periodically test and exercise the Haz-Mat/Radiological Protection Systems.
- Provide periodic refresher training in all aspects of hazardous materials and radiation protection.

### **Preparedness:**

- Review and update plans and standard operating procedures.
- Prepare for inspection and calibration of appropriate support equipment.
- Test and develop alternate communications systems.
- Develop resource lists.

### **Response:**

- Direct key Haz-Mat/radiological personnel to a command post at the incident scene or within the EOC.
- Aid in activating and deploying trained emergency services Haz-Mat radiological teams with equipment to assess the situation.
- Rescue and provide emergency care to the injured.
- Establish a reporting station network.

- Determine the degree of hazard.
- Request additional assistance as required.
- Activate the Public Information System.

**Recovery:**

- Continue monitoring the area.
- Conduct decontamination of personnel and equipment.
- Maintain exposure records.
- Save all data for historical records.

**IV. ORGANIZATION AND ASSIGNMENT OF RESPONSIBILITIES**

The Town Emergency Director will be responsible for the organizations and agencies to participate in Haz-mat protection activities, to form a planning team and develop a jurisdictional plan. His responsibilities include:

- Assemble representatives from organizations and agencies to participate in Haz-Mat protection activities, to form a planning team and develop a jurisdictional plan. His responsibilities include:
- Establish an incident reporting systems.
- Develop an analysis and assessment system.
- Determine availability of Haz-Mat detection equipment and instrument service.
- Establish an equipment distribution system.
- Develop public information and education programs.
- Deploy Haz-Mat/Radiological monitoring teams as required.
- Develop a capability to control and reduce the hazards of a hazmat area.
- Identify sources of states and federal assistance.

**V. DIRECTION AND CONTROL**

The Town Emergency Director is responsible for coordinating all Haz-mat activities within the Town to include:

- Establishing operations within the EOC.
- Supervising field monitoring activities, situation assessment, personnel protective measures and decontamination procedures.
- Evaluating all field data and furnishing recommendations to minimize injuries to the public.

**VI. CONTINUITY OF GOVERNMENT**

In the event the Town Emergency Director is unavailable to serve for any reason, the following personnel are the designated alternates:

- Deputy Fire Chief
- Assistant Emergency Director

**VII. PLAN DEVELOPMENT AND MAINTENANCE**

- A. The Town Emergency Director or his designee will develop the Town Haz-Mat/Radiological Protection Plan in cooperation with the Cumberland County EMA Director and with guidance from the State of Maine Haz-Mat/Radiological Planners.
  
- B. The County Radiological Officer will manage a training program for local emergency service personnel; provide distribution, maintenance and calibration of hazardous materials and radiation detection instruments.