

## ASSUMPTIONS

This Transportation Emergency Preparedness Program (TEPP) Model Procedure contains the recommended actions for response to transportation incidents involving radioactive material.

The following assumptions are to be considered when reviewing this Model Procedure for initial response:

- The procedures outlined in this document are not all-inclusive but were developed to meet the minimum national guidance for responding to a transportation accident involving radioactive material.
- This Model Procedure is designed for use by trained and qualified emergency responders. Additional procedural requirements may be implemented according to appropriate state, tribal, or local requirements.
- This Model Procedure should be utilized appropriately, according to the conditions encountered, when arriving at a transportation accident involving radioactive material.
- All emergency response personnel have been trained in the use of a National Incident Management System.
- All emergency response organizations are knowledgeable in the use of, and utilize, the Emergency Response Guidebook (ERG) as a tool in determining appropriate response actions.

## 1.0 PURPOSE

The purpose of this response flow chart is to provide first responders with guidance for response to a transportation accident involving radioactive material.

## 2.0 SCOPE

Emergency responders who respond to a transportation accident involving radioactive material should perform the following:

- 3.1 Establish Incident Command and size up accident scene using appropriate reference information and sources.
- 3.2 Initiate response actions as outlined in the Emergency Response Guidebook.
- 3.3 Relay information to state, tribal, or local officials as required by jurisdictional policies, plans, and procedures.
- 3.4 Maintain accident scene control until relieved by a higher authority.
- 3.5 Provide accident scene turnover to the relieving authority.

## 4.0 RECORDS

Insert your jurisdictional policy for records retention here.

## 5.0 FREQUENCY

Use this flow chart as needed.

## 6.0 REFERENCES

- 6.1 Emergency Response Guidebook (ERG)
- 6.2 International Association of Firefighters - Training for Hazardous Materials Response: Radiation
- 6.3 U. S. Department of Energy Modular Emergency Response Radiological Transportation Training (MERRTT)
- 6.4 National Incident Management System (NIMS)

## 7.0 EQUIPMENT

As outlined in the ERG and/or as required by state, tribal or local procedures, plans, or policies.

## 8.0 LOCATION

Use this Model Procedure as appropriate based upon incident location.

## 9.0 SAFETY

- 9.1 Respond and perform duties within safety guidelines specified within the Emergency Response Guidebook.
- 9.2 Involve appropriate state, tribal, or local Radiation Authority as soon as possible for assistance with disposition of any contaminated/radiological material.

## 10.0 TERMS/DEFINITIONS

**Contamination** - As referred to in this document, contamination is undesired radioactive material that is deposited on the surface of or inside structures, areas, objects, or people.

**Decontamination** - The reduction or removal of contaminating radioactive material from a structure, area, object, or person.

**Incident Commander (IC)** - The person responsible for all decisions relating to the management of the incident.

**Incident Command System (ICS)** - An organized approach to control and manage operations at an emergency incident.

**National Incident Management System (NIMS)** - A comprehensive, national approach to incident management applicable to all jurisdictional levels.

**Radiation Authority** - A federal, state, or tribal agency designated official. Responsibilities include evaluating radiological hazard conditions during normal operations and emergencies.

## 11.0 RESPONSE PROCEDURE

See the following First Response Flow Charts for Transportation Accidents Involving Radioactive Materials (Attachments 1 through 4).

#### **RESPONSE FLOW CHART ATTACHMENT 1**

Initial arrival on scene

#### **RESPONSE FLOW CHART ATTACHMENT 2**

Accident involving victims

#### **RESPONSE FLOW CHART ATTACHMENT 3**

Accident involving a fire

#### **RESPONSE FLOW CHART ATTACHMENT 4**

Accident involving radiological material