



## Recovery Guide for Emergency Managers

**“Recovery”** is the end goal following an accident at a nuclear generating plant, when life, access and commerce return to pre-incident conditions.

### Considerations for Implementing Recovery

Recovery will involve continued and extensive field sampling, damage and impact assessments, and coordination of federal assistance and nuclear insurance benefits. Many variables are present in any incident, and the conditions and time frame in which the late-phase issues of recovery are reached will be individual and varied.

The focus of recovery planning will be as follows:

- Identify priorities for remediation and recovery of contaminated areas. It will be important to do the following as soon as is reasonable:
  - Open major roadways
  - Open major waterways
  - Reduce airspace restrictions
  - Resume railroad traffic
  - Resume river traffic
  - Open critical infrastructure facilities
  - Open government facilities
  - Open businesses
  - Open homes
- Coordinate remediation of contamination and restoration to pre-event conditions and activities. Initial priorities will include:
  - Major roadways
  - Major waterways
  - Airspace
  - Railroads
  - Rivers
  - Critical infrastructure facilities
  - Government facilities
  - Agricultural areas
  - Recreational areas
- Coordinate the establishment of disaster assistance and recovery centers as needed.
- Coordinate with the utility and American Nuclear Insurers on compensation issues for the following populations:
  - Farmers and producers affected by the agricultural control zone
  - Residents evacuated or relocated from their homes
  - Individuals out of work because their place of employment is in a restricted zone
  - Government agencies
- Provide public information and outreach addressing public health concerns and food and water safety.
- Ensure planning processes are in place at all levels of government to address the recovery transition and facilitate long-range reduction of exposure rates and concentrations to acceptable levels, when possible, allowing unconditional occupancy and use.

### Long-Term Recovery Discussion Areas

#### General

1. What is the role of the Minnesota Recovers Task Force in this type of event?
2. What would be the priorities for long-term recovery?

#### Damage Assessment

1. Who would conduct damage assessment?
2. What type of damage or losses would be considered in this assessment? How would they be tracked?

### **Housing**

1. What type of temporary housing is available for people who cannot return?
2. What financial assistance is available for temporary and long-term housing? What about people who refuse to return?
3. Will buyouts be available? For whom?
4. What support services will all residents need? How are they different for the differently affected areas?
5. Who will provide those services?

### **Health**

1. What is the policy on people who refused to evacuate regarding future liability for latent health effects from radiation?
2. What health resources would be available for the public affected by exposure (if any)? How would the health resources be delivered?
3. Who develops a long-term health monitoring plan?
4. How would you deal with vulnerable populations (i.e. infants, pregnant women, elderly)?
5. What mental health services are available? How would they be funded and administered?
6. Is there an acceptable contamination level for different types of food and water?
7. How are health risks communicated to the public?
8. How would you address people's fears (including those who don't live in the Monticello/Prairie Island area, e.g., Minneapolis, St. Paul, Wisconsin)?

### **Environment**

1. Discuss the effect on drinking water. How would we continue to sample for a long period of time? What advice would be given to returning people regarding drinking water?
2. What water intakes are downstream? How would these be affected?
3. Would there be any restrictions placed on the water? Would commercial use restrictions differ from those for private use? For how long?
4. What is "clean"? Who determines that the area is clean or acceptable?
5. What are possible long-term environmental impacts?
6. Would you clean up the area? Who would pay for the cleanup?
7. Who is responsible for packaging and removing contaminated waste? Where will it be stored?

### **Economy**

1. What information do you need to determine the economic impact of this accident? Where would you get that information?
2. How would you deal with the loss of tourism/reputation?
3. What impact would this have on electric ratepayers? Who would be involved in these discussions?
4. What is the responsibility of the utility; Xcel; and federal, state and county government for economic redevelopment?
5. How would you maintain continuity of business and government in your county?
6. How many people could be unemployed because of the accident, and for how long?

This fact sheet is designed to augment planning for an emergency response to an incident at a nuclear generating plant; it does not supersede any plans, procedures or guidelines currently in use.