

Services

Exercise 4

Overview

Unit 4

Purpose

The purpose of this exercise is for students to identify services that must be provided by the Facilities Unit Leader given the current incident situation. The students should also be able to prioritize among the services, given the limited time and resources available, and fill out an ICS Form 213 to order the necessary services.

Objectives

Students will:

- Identify the services that the Facilities Unit Leader should provide.
- Describe which services should be established within the first 4 hours, and which can wait if necessary.
- Describe the process that the Facilities Unit Leader must follow in order to establish the services.
- Complete an ICS Form 213 to order the necessary services.

Exercise Structure

This exercise will last approximately 1 hour, including individual work, small group discussion, and class discussion. It is based on the continuing Charleston flood scenario. Given the information known about the incident, the students will identify the services that the Facilities Unit Leader should provide. The students will also determine what services should be established immediately and which can be given a lower priority. Finally, the students will describe the process of getting these services in place and complete an ICS Form 213 to order the necessary services.

Rules, Roles, and Responsibilities

Participants will be divided into groups of 4 to 6. The following are the specific activities and instructions for your participation in the exercise:

1. Within your small group, select a group spokesperson.
2. Discuss and answer the questions below.
3. Write your answers to the questions on easel pad paper.
4. Fill out an ICS Form 213 individually to order the necessary services.
5. Respond to instructor injects.
6. Present your answers to the rest of the class.

Exercise 4 Schedule

Activity	Duration	Participation Type
Exercise Introduction and Overview	5 minutes	Classroom
Discuss and Document	30 minutes	Small group and individual work
Debrief and Review	25 minutes	Classroom

Exercise 4 Questions

Incident Scenario Update: The local power company has advised that the substation providing power to your area has been compromised and the power will be shut off to avoid further damage. This will cut power to all incident facilities. There is no estimate of when the power will return.

1. **Small Group:** Given what you know so far about the incident scenario, what services should the Facilities Unit Leader provide? Please be specific.
2. **Small Group:** For each service identified, describe the process that the Facilities Unit Leader should follow to establish the service. For example: Who should be contacted? What documentation must be completed? What are some possible challenges?
3. **Small Group:** Of these services, which should be established within the first 4 hours and which can wait until later?
4. **Individually:** Complete an ICS Form 213 to order one of the services that you identified as being needed within the first 4 hours of arrival at the incident site.

Handout 4-1: Providing Power to the Base

When considering the design and layout of the incident base it is important to consider that it may need to be supported by generators. Educate yourself regarding power needs, units, and resources requiring the most power for operation. When establishing facilities, remember not to put all essential items on one generator, but rather spread the power consumption over a few generators. Following are some things to consider:

- Power requirements
- Safety
- Commercial power source if available
- Generators and grounding
 - Daily fueling
 - Sound abatement
- Appropriate wire sizing
- Appropriate generator size
- Prong patterns
- Marking cords for identification
- Protecting cords
 - Bury at least 6 inches to avoid trip hazards; place inside pipe or conduit if possible to protect cord.
 - Elevate cords 15 feet over roadways
 - 10 feet over walkways
 - Maximum distance from power source to appliance
 - Distribution panels

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Handout 4-2: Water Sampling/Testing Rules of Thumb

- Fill water storage containers using appropriate filling equipment, procedures, and a designated safe water source.
- Establish your potable water source.
- When in doubt, ensure water is filtered by an approved filtering device.
- Ensure that persons filling the containers have washed their hands.
- Provide the proper equipment to fill the containers.
- Use food-grade water distribution equipment.
- Consider commercial bottled water as a primary drinking water source.
- Stored water should be in potable water containers.
- Water testing should be accomplished through the local health authority.
- Questionable water supplies should be filtered and tested. Residual chlorine test kits available at a pool supply company may be used for testing purposes.
- The recommended, 30-minute residual chlorine for potable water, with a pH range of 6.5 to 7.5 and having a water temperature at or above 68 degrees F, should be 5 parts per million (ppm). If the pH is out of the given range or the water temperature is below 68 degrees F, the residual chlorine should be at 10 ppm. The important value is the residual chlorine. The minimum value is 2-3 ppm of residual chlorine in a sample.
- Consider testing at each filling cycle.
- Boiling is a good method to disinfect small quantities of water. Bring the water to a rolling boil for 10 minutes; when the water is cooled, keep it covered and in a clean container.
- All potable water must be obtained from a safe source or steps must be taken to disinfect it. Work closely with the authority having jurisdiction, the military, or relief agencies to assure this.
- Never accept questionable loads of water, always test it yourself to ensure quality. Question and inspect tankers used to transport and supply water to the base to assure the highest quality of water.

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