

## **Emergency Support Function (ESF) 12 – Energy**

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### **Coordinating Department**

Facilities Services Department (Physical Plant)/Auxiliary Facilities Services – Hereinafter referred to as FS/AFS

### **Supporting Departments**

Department of Public Safety

### **Supporting Outside Agencies**

Colorado Springs Fire Department, Colorado Springs Utilities, Contractors

## **Section I: Function Activation**

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### **Scope**

The scope of this annex is to describe the energy requirements and related repair capabilities of the UCCS campus, namely the electrical and natural gas distribution infrastructure. It will discuss the physical use of these utilities as well as emergency response and repair procedures.

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### **Concept of Operations**

#### **A. General**

1. Most instances of energy-related infrastructure support will be on a routine basis, such as a short duration power outage or other such utilities disruption. Such support may be coordinated directly with FS/AFS or through the Department of Public Safety as required.
2. In an incident or emergency, a request for assistance with energy-related resources may originate from the Incident Commander (IC) or, if activated, the UCCS Emergency Operations Center (EOC). UCCS or another governmental agency may request additional support to supplement or oversee campus assets.
3. All energy-related support will coordinate response activities with the EOC or Incident Command Post (ICP) as directed, and the EOC or ICP will have authority of final decision in all matters pertaining to the incident. An FS/AFS and/or Colorado Springs Utilities representative may be requested to respond to the EOC or ICP.

#### **B. Specific**

##### **1. Response**

- a)FS/AFS staffs electricians and pipefitters familiar with the internal campus utilities who can accomplish routine campus repairs and can also advise

Colorado Springs Fire Department (CSFD) and Colorado Springs Utilities (CSU) crews on the campus utilities infrastructure.

- b) In the event of a utilities problem on the campus, UCCS resources will be used, augmented by CSU or contractor crews if necessary. FS/AFS personnel can be contacted during business hours through the Campus Services front desk or after hours through on-call information maintained with the Department of Public Safety.
- c) Outages or other problems originating outside of the UCCS-internal infrastructure are the responsibility of CSU. Coordination between CSU and FS/AFS should be made to minimize the disruption if possible.
- d) Non-hazardous utilities problems may be handled by FS/AFS personnel. However, in the event of a downed or severed electrical transmission line or a gas line leak or rupture, only CSU and CSFD personnel will attempt to approach and stabilize the problem.
- e) If at any time there is an apparent public danger due to electrical or natural gas problems, the area will be immediately evacuated if necessary. Notifications will be made to FS/AFS, CSU, CSFD, and the Department of Public Safety.

## **2. Recovery**

- a) FS/AFS staffs electricians and pipefitters familiar with the internal campus utilities who can accomplish routine campus repairs and can also advise CSU crews on the campus utilities infrastructure.
- b) In the event of needed utilities repairs on the campus, UCCS resources will be used, augmented by CSU or contractor crews if necessary.
- c) Repairs required outside of the UCCS-internal infrastructure are the responsibility of CSU. Coordination between CSU and FS/AFS should be made to keep the ICP or EOC apprised of the repair progress.
- d) If there is an ongoing public danger due to electrical or natural gas problems, the area will remain evacuated until reoccupation is approved by CSU and CSFD personnel.

## **Section II: Pre-Event Coordination and Planning Responsibilities**

### **Coordinating Department**

**Facilities Services (Physical Plant)/Auxiliary Facilities Services – Hereinafter referred to as FS/AFS**

#### **A. Mitigation**

1. Electrical utilities enter the UCCS campus from two different locations, tied into a “ring” allowing power to come from either direction thus minimizing potential outages through redundancy.
2. Most buildings on campus have backup generators, which power emergency lighting and limited other life-support functions only in the event of an outage. These generators are diesel powered and are limited by the amount of fuel on hand.

#### **B. Preparedness**

1. FS/AFS will maintain emergency contact and call-in procedures for critical staff to respond to the campus if needed.
2. Equipment purchases have included such items as a bucket truck to speed recovery for on-campus infrastructure.

### **Supporting Departments**

#### **Department of Public Safety**

- A. Maintain liaison with FS/AFS to ensure departmental emergency preparedness.
- B. Advise on emergency response roles in the event of an incident.

### **Supporting Outside Agencies and Facilities**

#### **Colorado Springs Fire Department**

- A. Provide emergency response to hazardous utilities incidents on campus.
- B. Advise on evacuation and reoccupation of affected areas.

#### **Colorado Springs Utilities**

- A. Provide emergency response to city utilities incidents affecting the campus.
- B. Assist CSFD with hazardous utilities response and emergency shutoff or repair.
- C. Coordinate with FS/AFS on matters affecting campus utilities.

#### **Contractors**

- A. Provide contracted utilities mitigation and repair work as specified.