SUBJECT: DISRUPTION OF SERVICES – ELECTRICAL-TELEMETRY MONITORING SYSTEM	REFERENCE 14
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FACILITY: HOSPITAL Clinton Regional Hospital	EFFECTIVE: 10/06/2023
APPROVED BY:	REVISED: 8/20/2026

POLICY:

In the event of an electrical power failure, the following shall be performed.

PROCEDURE:

- In the event of commercial electrical service failure, the following steps shall be taken:
  - Check to make sure the emergency power source is functioning and that adequate emergency power is provided to the following ESSENTIAL SERVICES:
    - Alarm systems
    - Blood, Bone and Tissue Storage Units
    - Egress Illumination and Exit Signs
    - Elevators (at least one for nonambulatory patients)
    - Emergency and Urgent Care Areas, if applicable
    - Emergency Communication Systems (PBX, Paging System, Radios)
    - Medical air compressors
    - Medical/surgical vacuum systems
    - Areas where electrically powered life-support equipment is used
    - Operating rooms and PACU, if applicable
    - Steam Delivery System (at least one boiler)
  - Contact the electric company to determine how long the power outage is estimated to last.
  - Notify all departments and tell them that service will be out and approximately how long. (Notify Emergency Room first).

- Arrangements with Clifford Power have been made for access to portable generators. If emergency generators are not functioning the Charge nurse shall call CNO, ACNO, or Chad Pinkerton for delivery of portable generators. Contact shall be made by phone or runners.

  Call: Brian Baker
  Telephone number: **580 530-9177**

- After commercial electric service is restored, check for proper operation of:
  - Air compressors
  - Air conditioning
  - Boilers
  - Elevators
  - Motors
  - Pumps
  - Vacuum pumps, etc.
  - Ventilating systems
- Notify all departments that service is restored.In the event of a power failure in a clinical area, the following steps shall be taken:
  - Follow the organization's Emergency Management Plan.
  - Emergency power:
    - Red electrical outlet covers indicate emergency power
    - Red dots on switch plates indicate emergency lighting
  - Licensed staff shall check that all life support and critical care equipment is plugged into the red electrical outlet.

- When a power failure does occur, check all patients on life support equipment and connect additional equipment that is necessary (using only approved extension cords).
- Call Engineering Department Brian Baker to report details of power outage.
- Turn off all unnecessary electrical equipment. If it cannot be determined that equipment is on or off, unplug the equipment.
- Staff shall remain calm. Locate flashlights and batteries. Continue patient care responsibilities until further instructions are given.

- Contingency plans for clinicians to follow during brief or sustained losses of emergency power shall be developed. These plans shall be a component of orientation for new staff and annual educational requirements for medical and other clinical staff.
  - Contingency plans shall focus on the areas listed above that would require emergency power
  - Contingency plans shall also address how clinical staff shall access essential health information systems (HIT) or alternate systems, i.e., paper. The Back-up computer system with the EMAR is located behind the nurses station in the supply room. Charge nurse on duty must call the Chief Nursing Officer or ADON for the passwords to access the records. Thepasswords will also be in the supply room in a designated area known to the nurses. This will only print paper versions of the chart.
  - The paper T system sheets for downtime charting will be in the ER in the provider charting room. Also, CPSI E forms are printed on paper at the ER nurse desk for charting, as well. Contingency Plans for clinical staff shall include procedures, as appropriate to the patient care unit, for:
  - Rapid deployment of battery-operated equipment
  - Establishing schedules and timelines, or using prearrange options for diverting, transferring or evacuating patients
  - Providing care for patients on telemetry and/or ventilator dependent patients.
  - The back-up batteries are placed by each Telemetry monitor to keep the monitoring system on and working for patient monitoring for approximately three hours.

- Communication with other on-site staff and administration, as needed, including how to obtain and use two-way radios. Cell phones will be used for communication if two way radios do not work.
- Use of disaster bin for flashlights, extension cords and other necessary equipment. One Located at the nurses station upstairs and one located in the ED nurses station.
- Understanding of need for and methods for manual monitoring of patient body temperatures, Thermometer at each nurses station with batteries.
- Understanding of how to access emergency reserves of food, water, medications and medical supplies- Tote full of Emergency Supplies will be kept in the Nurses station for easy transport to safe place in case of emergency. Checked Monthly with log signed inside.
- Knowledge of methods to confirm power supply to automated drug supply cabinets and critical refrigeration units

ALL Telemetry servers/ and central stations are hooked up to a battery pack at the nurses stations that have full charge, will last approximately three hours on battery back up.

Standard Operating Procedure (SOP)

Clinton Regional Hospital

Department: Hospital Wide Date: 11/27/2023 Revised: 8/20/2026

Subject: **Loss of Telemetry**

1. Description of hazard, threat, or event:
    a. Loss of Telemetry in critical patient care areas of the hospital.

2. Impact on mission-critical systems:
    a. Monitoring of high risk patients would be compromised.

3. Operating units and key personnel with responsibility:
    a. Critical Care areas of the hospital.
    b. House Supervisor and Director of Nursing would be in charge of procedures.

4. Mitigation and preparedness activities:
    a. Hazard reduction strategies and resource issues:
        1) Portable Telemetry may be acquired to use in the event of Loss of Telemetry.
        2) Develop a Policy on Loss of Telemetry.
        3) Nursing staff will receive additional training on Loss of Telemetry issues.

5. Response and recovery activities:
    a. Hazard control strategies and resource issues:
        1) Develop additional annual training for Nursing staff on Loss of Telemetry.
        2) Ensure the Loss of Telemetry Policy includes the hospitals Biomedical Repair Service information with appropriate phone numbers for equipment repair.

    b. Hazard monitoring strategies:
        1) Develop a schedule for Biomedical Maintenance and Testing of Telemetry equipment for the hospital according to Health Care Facilities Code.
        2) Provide all documented Maintenance and Testing activities and report into Safety Committee monthly.

c. Recovery strategies and resource issues:
        1) Provide a list of Contractor resources and phone numbers of the companies that provide services for the hospital to appropriate Managers.

6. Notification procedures
    a. Internal: Director of Nursing , Administration, and Maintenance

    b. External: Contracted Biomedical Repair Service for the hospital.

7. Specialized staff training: Nursing staff to receive additional training on Loss of Telemetry.

8. References and further assistance: **Biomedical Repair Service Phone#: 918-906-3775**