

CALLAWAY ENERGY CENTER - SAFETY OBSERVER CLASSIFICATION, REQUIREMENT, AND RESPONSIBILITIES

1.0 REQUIREMENTS FOR SAFETY OBSERVER AT THE CALLAWAY ENERGY CENTER

NOTE

Section 3.4 of the Electrical Safe Work Practices Manual (ESWPM) defines a Safety Observer for Ameren Missouri.

1.1. Qualifications Required to be a Safety Observer:

- 1.1.1. The designated Safety Observer must be a Class E qualified individual as defined in Sections 2.1.24.2 and 2.1.26 of the ESWPM.
- 1.1.2. The designated Safety Observer must have current First Aid, Blood Borne Pathogen, and CPR/AED certifications (This is a more stringent requirement than what is stated in Section 3.4 of the ESWPM).

1.2. Duties and Responsibilities of a Safety Observer:

- 1.2.1. When assigned as the Safety Observer for a task by their Supervisor or Working Foreman, the Safety Observer may only fill a role that does not distract them from their Safety Observer responsibilities, such as a mobile equipment spotter or Foreign Material Exclusion (FME) Monitor. May be secured from his/her post and resume other assigned tasks when the energized work is completed, or the circuit is rendered/determined to be electrically safe.
- 1.2.2. The Safety Observer acts as an independent observer of the task.
 - a. The Safety Observer will remain outside the Arc Flash Boundary (AFB) or Restricted Approach Boundary (RAB) or whichever is greater, if possible. If line of sight cannot be maintained, then the Safety Observer would be required to locate himself/herself inside of the AFB or RAB and have the appropriate Personnel Protection Equipment (PPE) donned as the individual(s) performing the work.
 - b. Will have a defined and checked means of communication established to make contact with the Control Room, should an electrical incident occur to ensure that additional aid is responding to the incident.

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Step 1.2 Cont'd

- 1.2.3. Will have the required PPE for entering the area to be able to render assistance if an electrical incident occurs. The PPE will be either donned or able to be immediately donned to allow entrance to the area.

1.3. Requirements when a Safety Observer shall be utilized:

- 1.3.1. Safety Observer will be required when working on exposed energized electrical conductors, as defined in Section 2.1.34 of the ESWPM, for the following situations:
- a. In the Protected Area (includes CMB, CPF, MAF, Switchyard and Switch House, CLC, and Donald F. Schnell Training Center) when working on voltages greater than or equal to 480 volts.
 - b. Outside of the Protected Area (i.e., Circ&Serv, Water Treatment Plant, Stores 2) when working on voltages greater than 50 volts.

2.0 REFERENCES

2.1. Developmental

- 2.1.1. ESWM, Electrical Safe Work Practices Manual

3.0 SUMMARY OF CHANGES

Pages	Section or Step Number	Description
	Throughout	Updated formatting to align with Callaway Standards
1	1.1	Added NOTE