

Delta Services EHS Procedure		Document No: EHSP 22.1	Page: 1 of 3
Dedicated Observer (DO)		Supersedes New	Rev. New
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1.0 Purpose and scope

The purpose of this program is to establish a Dedicated Observer (DO) program and to outline qualifications and responsibilities.

2.0 Responsibilities

General responsibilities for HSE Program implementation are stated in EHSP 1.5. Additional management, staff, employee, and subcontractor responsibilities that address duties specific to this topic are stated in this procedure.

2.1 Foreman/Supervisors

The foreman shall identify the DO, assure that the DO is qualified (See DO section below) to fulfill the role and that the DO has no other responsibilities while work is being performed which requires a DO.

2.2 Employees

Must be trained in this program and take all direction from the DO. All employees must follow the direction of the DO at times.

2.3 Dedicated Observer (DO)

The DO will observe all work being performed by all employees working in the MAD.

2.4 Environmental, Health and Safety Manager

The Environmental, Health and Safety Manager, is the program coordinator, acting as the representative of the company partners, who has overall responsibility for the program. Copies of the written program may be obtained from the environmental, Health and Safety Manager (and are available on the Line Division Safety web page).

3.0 Definitions

3.1 Minimum Approach Distance (MAD): is the distance qualified workers must stay away from energized conductors when unprotected. If a OSHA 1910.269-qualified worker needs to do a job within the minimum approach distance, he or she must use proper work techniques and the proper tools and must wear appropriately-rated PPE.

3.2 Three-Way Communication: In three-way communication, the sender (a worker) first orally states his or her message to the receiver (typically another worker) clearly and concisely. Next, the receiver acknowledges the communication by repeating the message to the sender. The receiver does not need to repeat every part of the communication verbatim, but he or she must restate any critical information exactly as it was stated by the sender. If the receiver does not understand the sender's message, he or she must ask for clarification.

4.0 Procedure

4.1 Operations requiring a DO

The following tasks will require a DO be on duty the entire time these tasks are being performed:

- When work is performed within the MAD of exposed lines and equipment energized at more than 600V.
- Handling and moving energized conductors, including mechanical bypass jumpers.
- Operating digger derricks, back-lot dollies or derricks or material handling equipment within MAD

The DO will be an electrically qualified person with the training and ability to recognize electrical hazards. They must also be trained in CPR, qualified to perform emergency rescue and immediately available in case of an accident.

4.2 Duties of the DO

This program applies to all operations performed on Duke energy operations on or near energized lines. The duties of the DO include, but not limited to:

- Assuring the identification of critical tasks to be observed,
- Assuring procedural compliance,
- Proper clearances are observed,
- Correct PPE is used,
- Pre-job briefs are completed and appropriate for the task being performed,
- Assure compliance with protective cover-up/insulate and isolate standards
- Assure correct tool use.

The DO will have no other duties that will take away from their ability to identify and correct hazards.

4.3 Communication

The Do and all employees working in the MAD will have clear communication at all times, the employees are working in the MAD. If site noise conditions make communication necessary another method of communication, which does not create an additional hazard, shall be implemented (loudspeaker, bull horn, or cellular phone if it does not create an additional hazard).

Three-way communication will be utilized for all communications between the DO and employee(s) performing work in the MAD.

4.4 Training

All employees performing work on the Duke energy system shall be trained on this program on initial assignment and annually thereafter.

5.0 References and related documents

19 CFR 1910.269, Electric Power Generation, Transmission, and Distribution