

Whenever you are opening an URD transformer enclosure, the area should be cleared of any unauthorized individuals, including the public, to prevent exposure from hazards associated with URD work. If you are required to conduct URD work, always wear rubber gloves and sleeve when any part of a transformer is opened especially when working with unknown voltages.

- Properly rated rubber gloves and sleeves should be worn when removing plants and animals of any kind that may have entered an energized URD installation work area even if the equipment is closed. These rubber gloves and sleeves must also be worn when handling energized cables or equipment or when working on a primary neutral in an energized circuit. Class 0 rubber gloves may be worn if you are working on secondaries energized at less than 600 volts. Rubber sleeves must be worn if employee's upper arm can come into contact with exposed energized secondaries. See letter of interpretation for more information.
- 1910.269 - Conditions allowing the use of insulating gloves without the use of insulating sleeves when working on or near exposed energized parts. [09/01/2006]

Whenever an URD circuit has been opened, check the route of the circuit for hazards before you reclose it. When the URD primary circuit will become de-energized as a result of opening one or more devices, de-energizing must be done with load-break elbow connectors, load-break fuse cutout at the riser poles, load-break tools or any other approved load-break devices.

When working on URD cables or equipment that are energized or may become energized, make sure that they are de-energized and grounded prior to beginning work. The charge can remain in a cable after it has been disconnected from the circuit. Before working on de-energized primary circuits or equipment, ensure that there is a visible open break, a voltage test is conducted and the equipment is properly grounded.

If you are working on equipment or cables in an underground system, take every precaution to prevent back-feed. Ground secondary conductors, when necessary, and always ground de-energized URD cables as close to the work site as possible. Make sure to de-energize and ground underground cables and equipment carrying greater than 600 50 volts.

Prior to working on or cutting into any underground cables or equipment carrying greater than 600 volts, you must confirm that they are de-energized. When working on cables or equipment with less than 600 volts use the appropriate rubber protective gear and approved insulated tools. Always observe the appropriate clearance requirements.

Whenever you open or unlock an energized pad-mounted transformer verify that it is monitored by a qualified individual. In the event there is no qualified individual present, it must remain closed and locked. Do not open a primary or secondary system neutral on any energized circuit under any circumstances.

When switching and system sectionalizing, only use connectors designed and approved for load-break to connect or disconnect an energized circuit. Tools with 1KV insulated handles can be used when making energized secondary connections at less than 600V or when working within energized pedestals, pad-mount compartments or submersible transformer enclosures.

DISCUSSION QUESTION

When an URD circuit has been opened, what must you do before closing it?

SAFETY TALK ATTENDANCE ROSTER



COMPANY: _____ JOB/DEPT: _____

DATE: ____/____/____ TIME: _____

TOPICS ADDRESSED: _____

EMPLOYEE'S SIGNATURES:

_____	_____	_____
_____	_____	_____
_____	_____	_____
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EMPLOYEE SUGGESTIONS AND RECOMMENDATIONS: _____

ACTION TAKEN: _____

Supervisor's Signature

____/____/____
Date

Safety Coordinator's Signature

____/____/____
Date