



FEDERATED RURAL ELECTRIC
INSURANCE EXCHANGE

A reciprocal exchange managed by Federated Rural Electric Management Corp.

A Touchstone Energy® Cooperative 

Dear Safety Professional:

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Federated's Near-Miss Program is designed to identify and communicate incidents and hazards experienced by cooperatives nationwide. The data collected can be used by your system to develop training programs designed to eliminate future accidents. This report is provided to you as a training tool to review with employees in an effort to eliminate future incidents.

Corrective Action is the action taken by the group reporting the incident.

Possible Corrective Action is provided as another possible action that could be taken based on the limited information available.

Task Performed

Report #1

OHD Construction/Maintenance

Incident Summary

Crew was energizing a new 3 phase transformer bank (480v power bank). When the last fuse was kicked in, arcing started in and behind the meter. Upon further investigation it was found that one of the transformers was wired backwards on the primary side.

Safety Equipment in Use - Yes

Job Briefing Conducted - Yes

Corrective Action Taken

N/A

Possible Corrective Action

Before energizing anything, double check to make sure work was done correctly.

Wear all required PPE when energizing all new installations.

Task Performed**Report #2**

Meter Work

Incident Summary

I got called to go check out a meter that got hit by a sprayer. I found the meter had been duck taped back together. I pulled meter and replaced.

Safety Equipment in Use - Yes**Job Briefing Conducted -** Yes**Corrective Action Taken**

Continue educating the public

Possible Corrective Action

Continue to educate on public power line hazards.

Task Performed**Report #3**

OHD Construction/Maintenance

Incident Summary

Insulator broke on outside phase while jacking up the center phase. The phase bumped up against the lineman jacking the center phase. Everything was insulated with rubber cover-up preventing any injuries. This insulator was cracked at the base which could not be seen from any angle. The lineman jacking the wire was in the only location possible to jack the wire.

Safety Equipment in Use - Yes**Job Briefing Conducted -** Yes**Corrective Action Taken**

Approved Rubber Goods and Cover-Ups

When installing or removing poles or equipment on energized lines, the poles, the exposed energized lines and the equipment shall be properly covered when there is the possibility of coming into contact with an energized conductor. If it is impractical to properly cover the equipment, then at a minimum, the exposed energized conductor shall be covered.

After review we don't believe there was anything that could have been done to prevent the incident from happening.

Possible Corrective ActionN/A

Task Performed**Report #4**

OHD Construction/Maintenance

Incident Summary

Crew was changing out single phase deadend pole and upgrading transformer and service.. The line was energized. The conductor was 8A wire. The crew had got the pole replaced and was working on transformer and service hook up. They used the old 8A shoe on the energized phase. The phase had been attached back to the pole for at least 30 minutes while they were working on transformer hookup. The lineman in the bucket was measuring the jumper from cutout to phase and barely touched the tail of the attached energized phase. The phase, with rubber line hose on it, came out of old shoe and fell to the ground next to the lineman that was observing the lineman working in the M.A.D zone. The lineman on the ground tried to move away and got an arc flash on his Arc Rated jeans and safety toe boot from the OCR operating. He was not injured, just felt the heat from the Arc.

Safety Equipment in Use - Yes**Job Briefing Conducted - Yes****Corrective Action Taken**

A group discussion took place that afternoon on the events that happened and how to prevent it from happening again.

Replace old hardware and do not stand or observe under or near where overhead work is being performed. The crew was very fortunate that no one was injured.

Possible Corrective Action

N/A

Task Performed**Report #5**

Public Liability

Incident Summary

A pick-up truck had went off the road and hit our pole. The pick-up bent and pulled the pole half way out of the ground. When we arrived the sheriff was on scene. Everything was still attached and the line was still energized. The driver was out of the vehicle already and medics were taking care of her. We switched out the line to isolate that section. We put digger on pole to hold pole and owner moved vehicle off pole.

Safety Equipment in Use - Yes**Job Briefing Conducted - Yes****Corrective Action Taken**

Continue Public Education

Possible Corrective Action

Continue to educate the public on power line hazards.

Provide power line hazard education to emergency responders in your area (law enforcement and EMT's)

Task Performed**Report #6**

OHD Construction/Maintenance

Incident Summary

Crews from two different districts were working together on a 3-phase rebuild. The structure that both crews were working on would require cover-up. The journeyman was lowering the outriggers while the apprentice was asking him how much cover-up he would need. The journeyman looked up at the area he would be working while he was lowering the outriggers. The apprentice was retrieving the appropriate cover-up from the truck when the foreman yelled STOP!!! The journeyman immediately stopped lowering the outrigger which had already made contact with the apprentice's foot. Luckily the foreman saw this before there had been enough pressure put on the apprentices's foot to cause any injury.

Safety Equipment in Use - Yes**Job Briefing Conducted - Yes****Corrective Action Taken**

Pay attention to the beeper and your body position when the outriggers are being lowered.

The employee lowering the outrigger needs to have his attention focused on the location that the outrigger will be making contact with.

Employees being reminded to "be where your feet are" and to not become complacent with daily routines.

Possible Corrective Action

N/A

Task Performed**Report #7**

OHD Restoration/Repair

Incident Summary

The crew responded to an outage where a tree had torn down the primary phase and neutral. They did not establish a visual opening at the OCR and as they were preparing to make repairs to the line the OCR failed and energized the downed line causing it to arc within close proximity to the crew.

Safety Equipment in Use - Yes**Job Briefing Conducted - No****Corrective Action Taken**

The crew must establish a visual opening, test, and ground before making repairs.

Communication has been sent out to inform employees of the near miss and to make sure everyone knows that if you don't have a visual opening - you might not have an opening, and if it's not grounded - it's not dead!

Possible Corrective Action

Conduct a proper job briefing on all jobs.
