



FEDERATED RURAL ELECTRIC
INSURANCE EXCHANGE

A reciprocal exchange managed by Federated Rural Electric Management Corp.

A Touchstone Energy® Cooperative 

Dear Safety Professional:

December/ 2023

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

After setting and tamping in a bare A1. The derrick operator picked up the remote and bumped the swing joystick, causing the pole to lean south slacking the primary into the neutral.

The bucket operator was preparing to tie in the neutral and was still wearing his rubber gloves.

Hot line tag was on and the incident opened up the recloser instantly.

Safety Equipment in Use - Yes

Job Briefing Conducted - Yes

Corrective Action Taken

N/A

Possible Corrective Action

When setting a new pole in an energized line remove the boom from the pole area after pole has been set and secured in place.

Task Performed**Report #2**

OHD Construction/Maintenance

Incident Summary

Upgrading transformer, transformer mislabeled and was not verified prior to energizing line. When the line was energized it sent a higher voltage to the meter than required thus damaging equipment.

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

Whoever loads the transformer will verify and document name plate, serial number, size, and company number onto the service order during the loading of the transformer.

Possible Corrective Action

N/A

Task Performed**Report #3**

URD Construction/Maintenance

Incident Summary

Crew was digging and underground line to a pole when they hit an unmarked electric service line. Locates showed the line going away from the pole but the line looped back due to a possible old pole location. Crew dug down to find main and saw it going the way of the locates.

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

Digging down to main to ensure locates are accurate and wearing rubber gloves and boots when digging near a primary main

Possible Corrective ActionN/A

Task Performed**Report #4**

OHD Construction/Maintenance

Incident Summary

There was a car/pole accident after hours containing a secondary wire. The crew came back the next day to replace the pole. The crew left the pole for an individual to pick up later that wanted the pole. Management said that we need to get the pole and retain it for litigation purposes. The crew said that the pieces of pole would fit in the back of a pickup. The two linemen put the two short pieces of pole in the pickup but the 16' piece, they ran on top of the headache rack down across the tailgate and secured it. They knew it didn't look right but went with it. When arriving at the pole yard, they noticed that by tying it down, it dented the top of the tailgate. When offloading it, one employee thought they were going to drop it outside the pole rack while the other employee tried to put it over the post in the rack. This caused the pole to smash the employee's hand between the pole and post.

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

We will use a digger truck to handle any large pole.

Possible Corrective Action

Inspect vehicles and equipment to ensure road worthy prior to travel

Task Performed**Report #5**

OHD Construction/Maintenance

Incident Summary

A line crew was tasked with replacing a pole for plant maintenance. The crew performed their pre-job briefings and safety checks of all applicable tools and equipment. As they began to work, the Journeyman Lineman working in the bucket noticed that the bucket was not self-leveling. The work was stopped to focus on the issue with the bucket truck. Each direction the lineman tried to move the bucket, it continued to dump the bucket further and further. The crew chief and other crew members on the ground also tried to operate the ground controls but the same outcome resulted. There was not another bucket or digger around so the crew retrieved the lineman from the bucket with a block and handline. The lineman working in the bucket did not experience any injury and no other tools or equipment was damaged. The crew was able to safely stow the bucket and secure everything for the trip back to the shop. The truck was taken out of service and a technician was called to make the repairs.

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

After ensuring the employee working in the bucket was safely back on the ground, the aerial device was sent for an inspection. It was determined that a 3-way valve in the turret had malfunctioned, allowing fluid to flow through the valve in one direction with every operation of the hydraulic pump.

Possible Corrective Action

Ensure lower control/pre-flight test are completed before each shift begins.

Task Performed**Report #6**

OHD Restoration/Repair

Incident Summary

Testing transformer with volt meter. While wrapping up voltmeter transformer failed and blew oil all over lineman.

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

N/A

Possible Corrective Action

Consider a transformer quick test tool to test transformers in the field after an interruption. There are tools made by multiple manufactures available.

Task Performed**Report #7**

OHD Construction/Maintenance

Incident Summary

The crew changed out a overhead transformer. They checked the high voltage tap switcher to what was indicated by the sticker. They were working on a 7200 distribution line, they selected 7200 as the sticker indicated. When they checked the voltage they had 60 volts and 120 across the secondary stabs. They quickly realized what had happened. The manufacturer was notified and the correct indicator stickers were installed.

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

Take voltage reading before the meter is installed. Checking for correct voltage

Possible Corrective Action

N/A

Task Performed**Report #8**

OHD Construction/Maintenance

Incident Summary

Linemen were installing an arrester and hammering in staples for the ground wire. While hammering the final staple in on the bottom side of the cross arm, the 6A wire broke under the transformer hot tap. The phase line fell away from the line crew and landed on the ground and across the roadway, creating an outage. There were no injuries.

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

N/A

Possible Corrective Action

When energized work is performed inspect all equipment, structures and conductor prior to beginning task. If inspection cannot be completed consider de-energizing until inspection or task is completed.

Task Performed**Report #9**

Meter Work

Incident Summary

While performing an initial inspection of a new primary meter, employee noticed the arrestors installed were the wrong size. Employee verified the size with the Engineering Department and confirmed the size was incorrect. The member was contacted to correct the error and service was energized after that was complete.

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

Always inspect equipment prior to energizing to verify that it's installed properly and safe to energize. Spoke to the lineman as a group to bring attention to the issue. We also spoke to the members electrician to point out the unsafe workmanship.

Possible Corrective Action

N/A

Task Performed**Report #10**

Meter Work

Incident Summary

While pulling a residential class 2s meter, the lug from the members meter panel pulled out with meter and made contact with panel. It was found that meter panel was rusted.

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

Make sure all personal protective equipment is in use all the time and inspect panel before performing work for possible hazards

Possible Corrective Action

Ensure required "Personal Protective Equipment" is donned prior to inspection and beginning work.

Task Performed**Report #11**

Driving

Incident Summary

Linemen was backing truck into the garage when heard a bang. Got out and saw boom was not fully racked and it had hit the garage door header. Set truck up and fully racked boom.

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

Pay attention to boom when racking up.

Possible Corrective Action

Inspect vehicles and equipment to ensure road worthy prior to travel.
