



FEDERATED RURAL ELECTRIC
INSURANCE EXCHANGE

A reciprocal exchange managed by Federated Rural Electric Management Corp.

A Touchstone Energy® Cooperative 

Dear Safety Professional:

March/ 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

Crew was changing out an A9 reject pole, the wire had a pre existing splice that landed right in the center of the insulator on the new pole. Crew installed rubber cover up, and mac, then cut the splice out of the wire. After the new 2/4 combo auto splice was installed the crew came off on the hoist, and removed the mac, as soon as the crew started to move the wire to retie the splice failed and the wire hit the ground and operated the recloser. Failure of equipment. New 2/4 auto splice failed to hold. All men and equipment were in the clear of potential hazards, no injuries with this close call. Line protection equipment operated as expected.

Safety Equipment in Use - Yes

Job Briefing Conducted - Yes

Corrective Action Taken

N/A

Possible Corrective Action

Confirm the correct size of splice is being used by double checking stamped wire size of splice because of mismarked color identification.

When work is being performed overhead, no employee shall be directly under any potential falling hazards.

Follow manufacturer's instructions when installing splice.

Ensure the equipment to be used is designed for the task and is the proper size.

P.O. Box 15147, Lenexa, KS 66285-5147 ■ 7725 Renner Road, Shawnee, KS 66217-9414

Phone: (800) 356-8360 / (913) 541-0150 ■ Fax: (913) 541-9004 ■ Web site: www.federatedrural.com

Task Performed**Report #2**

OHD Construction/Maintenance

Incident Summary

Line side triplex was clipped at the pole de-energizing two runs or triplex. The triplex was being replaced with new wire and since it was dead work an apprentice was going to be making the connections at the house. He set up a ladder which was secured at the base but not tied off to the house as there was no point of attachment to tie off to. When The apprentice went to cut the triplex from the side of the house to let to the ground he decided to cut the preform which didn't release from the secondary spool. He put his had on the wire and pulled the preform releasing all the weight into his hand....he failed to let go of the triplex and it pulled him away from the ladder until his belt caught causing him to drop a couple of rungs on the ladder. He regained his balance and composure..the crew checked on him..no injury sustained. They discussed what was done and what could be done differently to prevent the issue in the future.

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

Its a hard one to quantify because you discuss the job and everyone said they were on the same page. I spoke with the apprentice involved and told him to slow down and think about what he is doing...play it out in his mind...see whats going to occur before you take the next step. He is a new employee and wants to make a name for himself and work hard but needs to take a step back and think about consequences for your actions and what may occur. Ask questions and have a clear understanding about whats going on with the job.

He was tied off to the ladder which preventedhim from getting pulled completely off the ladder.

Possible Corrective Action

N/A

Task Performed**Report #3**

OHD Restoration/Repair

Incident Summary

Customer called in saying someone backed into his transformer and it was tipped over. When we got there he said it must of been him that hit it because he had a dent in the bumper on his pickup. We shut the tap off and tipped transformer back over. Nothing was damaged and all wire was ok. Relevelled transformer and reenergized the tap. There is a whip on transformer.

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

Customer noticed it and contacted. Transformer was not damaged.

Possible Corrective Action

Continue Public Education. The Safe Electricity program makes educating the public easy and provides hundreds of vetted, ready to use, customizable resources on an array of electrical hazard topics. To download these materials, visit www.safeelectricity.org. If you need assistance or have questions regarding the safety resources, email: info@safeelectricity.org.

Task Performed**Report #4**

OHD Restoration/Repair

Incident Summary

Car was traveling East bound and left Hwy entering ditch and hit a pole breaking it off causing phase wire to float and neutral staying attached to part of pole. When we arrived all occupants of vehicle were not in vehicle and line was still energized.

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

N/A

Possible Corrective Action

Continue Public Education. The Safe Electricity program makes educating the public easy and provides hundreds of vetted, ready to use, customizable resources on an array of electrical hazard topics. To download these materials, visit www.safeelectricity.org. If you need assistance or have questions regarding the safety resources, email: info@safeelectricity.org.

Task Performed**Report #5**

Meter Work

Incident Summary

I was in the process of doing a permanent connect on a new home, energized the service, checked voltage, and when I went to the set the meter there was a dead short that caused a flash and also a meter lug to get burnt. The cause of this was a 2.5" screw that had been screwed through the bus bar on the inside panel. OHM'ing out the load side of the meter base would have showed that there was an issue and prevented this incident, in the future I will be sure to OHM out both the line and load side.

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

Wear all necessary P.P.E when setting meter (hard hat, glasses, rubber gloves, face shield)

After the incident occurred, I contacted my supervisor and we had a discussion on how to prevent this in the future. OHM'ing out the load side of the meter base would have showed that there was an issue and prevented this incident, in the future I will be sure to OHM out both the line and load side.

Possible Corrective Action

N/A

Task Performed**Report #6**

OHD Restoration/Repair

Incident Summary

Put new screw in anchor, cut in fish. When pulling up anchor the grip slipped and rocked the pole hard.

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

Followed policy.

Possible Corrective Action

Ensure equipment to be used is designed for the task and is the proper size.

Task Performed**Report #7**

OHD Construction/Maintenance

Incident Summary

We had spliced the three phase 3/0 slack span between two stack poles and used black ended splices which normally signifies 3/0 but these splices were for 336 and no one caught it. The splice held until lineman moved a hot tap off of one of the phases, when line was shook just right the wire fell out of the splice. The wire that hit the ground fell dead and the shorter spliced end up at the pole slapped into another phase operating the three phase recloser. Employees responded to the incident calmly and safely, no one got excited and moved too quickly. They recognized what had happened and began steps to rectify the situation.

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

Confirm the correct size of splice is being used by double checking stamped wire size of splice because of mismarked color identification.

When work is being performed overhead, no employee shall be directly under any potential falling hazards. Which the crew was aware of and clear.

Remain calm in the event of something going wrong, stop what you are doing, gather everyone for meeting and access the situation. Which the crew did do an excellent job of.

Possible Corrective Action

Follow manufacturer's instructions when installing splice.

Ensure the equipment to be used is designed for the task and is the proper size.

Task Performed**Report #8**

URD Restoration/Repair

Incident Summary

While energizing underground transformer it opened up the feeder and I re-energized the feeder before contacting the other crew members.

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

The rule is to contact the other members of the crew before re-energizing the feeder.

Possible Corrective Action

Always confirm line is clear and employees are notified prior to energizing all lines.

Task Performed**Report #9**

OHD Restoration/Repair

Incident Summary

Crew was going to stub in a broken pole. As the crew arrived there was a brief discussion of what and how they were going to do this job. The crew members on the ground put on their rubber gloves and hard hats and the operator began digging the new hole. As they proceeded to grab the pole the hot phase closest to the ground began to arc and burnt itself into. This caused the pole to shift allowing the neutral to whip into another hot phase burning the neutral into and causing the OCR to lockout. No injuries occurred on this job. Many procedures undone, No documented tailboard, no hotline tag and no truck grounds.

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

Any hot work will be behind a hot line tag, a one shot device or will be de-energized and grounded. Lock out- Tag out tags placed in plain view. Truck grounds used in energized situations. A documented Tailboard done and signed by all crew members on this job.

Possible Corrective ActionN/A
