



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 Maintenance

Incident Summary

Second year apprentice was cutting the hot leg on a meter loop during a meter loop change when he contacted the neutral wire of the triplex with the bolt biters, burning up the bolt biters.

Safety Equipment in Use - Yes

Job Briefing Conducted - Yes

Corrective Action Taken

The apprentice was working from a bucket and had all PPE in place, including secondary rubber gloves. The apprentice has been re-instructed on work procedures.

Possible Corrective Action

N/A

Task Performed**Report #2**

ROW Clearing/Maintenance

Incident Summary

Cutting tree from phase and neutral. While undercutting tree, dead top flipped back toward lineman on ground, while attempting to jump out of the way, fell and landed on shoulder.

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

Stay clear of work area and be alert to surroundings. Use a pole saw to get further away from any danger of the tree flipping back. Stay clear of the work area, if just observing the work.

Possible Corrective Action

N/A

Task Performed**Report #3**

Slip, Trip & Fall

Incident Summary

Tripped on an uneven concrete walkway and fell.

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

Concrete walkway was replaced.

Possible Corrective Action

N/A

Task Performed**Report #4**

Equipment Maintenance

Incident Summary

During replacement of the lithium-ion battery on a cell phone. I bent the battery which suddenly got very hot and started smoking. Took the battery outside and it quickly dissipated.

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

Use the proper tools for the job and perform operation in a ventilated area.

Possible Corrective Action

N/A

Task Performed**Report #5**

URD Maintenance

Incident Summary

Was making an underground elbow using a knife and slipped, cutting my finger. Was not wearing gloves. Did not need medical aid.

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

Proper PPE required for task. Use proper tools (knife) and PPE (gloves) for task. Utilize knife correctly, cut away from body.

Possible Corrective Action

N/A

Task Performed**Report #6**

OHD Maintenance

Incident Summary

Tree limb broke off tree and fell and landed on top of digger truck. It was very windy, 25+ mph.

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

Be aware of parking by rotten trees.

Possible Corrective ActionN/A

Task Performed
OHD Maintenance

Report #7

Incident Summary

While removing a hot tap with a shot gun to de-energize the transformer, the primary copper conductor broke and fell into the neutral and down to the ground causing the OCR for the primary line to trip out. No one was near the location where the line hit the ground.

Safety Equipment in Use - Yes

Job Briefing Conducted - Yes

Corrective Action Taken

Wear proper PPE and use shot gun for removing hot taps. Suggestions have been made for using stirrups or baskets on copper conductors.

Possible Corrective Action

N/A

Task Performed
OHD Outage

Report #8

Incident Summary

Truck accident, hit pole. Pole had been moved in ground about 3". Internal crack where wood was missing and crack line on backside. Neutral wire was broken. Could not tell if damage was underground. Changed out pole.

Safety Equipment in Use - Yes

Job Briefing Conducted - Yes

Corrective Action Taken

Closed road to prevent others from colliding, while work being done. Continued public education.

Possible Corrective Action

N/A

Task Performed
OHD Maintenance

Report #9

Incident Summary

After changing out a blown arrester, lineman installed a new one. Lineman went to re-energize the arrester and it failed and blew apart.

Safety Equipment in Use - Yes

Job Briefing Conducted - Yes

Corrective Action Taken

Proper PPE while energizing the arrester. The use of a shot gun stick or de-energize the line.

Possible Corrective Action

N/A

Task Performed
OHD Maintenance

Report #10

Incident Summary

While installing OCR's we had tapped up field side breaker both load and line side. We then tapped up B phase breaker, load side, making sure line side jumper was in the clear in case breaker was closed in internally (handle was open). We then were in the process of tapping up load side jumper of road phase breaker when B phase breaker started making noises (reminding me of breaker operating sounds). I thought about trying to untap B phase breaker, then decided the safest thing to do was rotate bucket away from pole. I stopped rotation due to not knowing where my boom was located in proximity to energized phases. Then B phase breaker blew up completely engulfing the top of pole with fire. The lid blew over our heads and landed approximately 50' away from pole and internal parts landed on the ground on fire. Line did not open at substation (was not on hot line tag).

Signs of water were found in the OCR tank.

Safety Equipment in Use - Yes

Job Briefing Conducted - Yes

Corrective Action Taken

Discussed putting line on one shot when performing this type of work. Also, changing testing procedures with testing company.

Possible Corrective Action

N/A

Task Performed**Report #11**

Line/Substation Switching

Incident Summary

Went to open one switch and grabbed the wrong handle, almost opened the switch but realized it was the wrong one. Switches were close to one another and very difficult to open. Contacted switching to inform them, and got the ok to open the correct switch.

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

Planning to move one handle out of the way - too close together.

Possible Corrective Action

Switches should be identified and confirmed before operation.

Task Performed**Report #12**

OHD Maintenance

Incident Summary

Wire pulled out of sleeve, while moving up from old to new pole.

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

Careful visual inspection of older sleeves in all directions, prior to putting tension on the line. Line workers have been briefed of this near miss.

Possible Corrective Action

Carefully inspect and keep area clear under wire when moving wire with sleeves installed.

Task Performed**Report #13**

OHD Outage

Incident Summary

Received a call to go on a wire tear down. Showed up at vacant place and an excavator was parked just south of the single phase wire that was on the ground. Excavator was taking out trees and must have hit the 6A wire and the wire broke at the sleeve.

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

Public Education

Possible Corrective Action

Discuss the potential dangers with the operator.