



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

Changing out pole and moving copper wire when wire slipped through grip and contacted neutral.

Safety Equipment in Use - No

Job Briefing Conducted - No

Corrective Action Taken

Hot line tag was applied for protection.

Cleaned grips to help prevent this from happening again.

Possible Corrective Action

N/A

Task Performed**Report #2**

Public Liability

Incident Summary

Line wasn't flagged like other lines in the area of work. The man on the trackhoe didn't see small copper line.

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

Hot line tag was used per policy.

Possible Corrective Action

Public education campaign.

Task Performed**Report #3**

Driving

Incident Summary

While driving to job site, truck went off the road. When driver corrected, the trailer jack-knifed and truck tire rolled off the rim.

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

Obey speed limit and wear seat belts.

Possible Corrective Action

N/A

Task Performed
OHD Maintenance

Report #4

Incident Summary

Lineman was attempting to de-energize a transformer by removing the hotline clamp from the conductor with an 8' shotgun when the stinger came free from transformer bushing and floated energized approximately 3" from neutral wire.

Safety Equipment in Use - No

Job Briefing Conducted - No

Corrective Action Taken

Moving forward we will test connection of jumper at transformer bushing with shotgun to ensure a solid connection before removing the hotline clamp since we cannot visually inspect due to bird cover.

Possible Corrective Action

Inspect material prior to beginning work.

Task Performed
Equipment Maintenance

Report #5

Incident Summary

Mechanic had taken extension ladder off of truck to install v-guard on top of ladder. Before installation, he noticed that the top rung of the ladder had been punctured.

Safety Equipment in Use - No

Job Briefing Conducted - No

Corrective Action Taken

N/A

Possible Corrective Action

Inspect equipment prior to use.

Task Performed
OHD Maintenance

Report #6

Incident Summary

Replacing V4H recloser with Nova TS. While removing center phase switch, tail made contact with bottom of bypass cutout. Hot line tag was on and functioned.

Safety Equipment in Use - No

Job Briefing Conducted - No

Corrective Action Taken

Remove any unnecessary tails/leads when removing equipment near energized conductor or equipment. Positive control of conductive equipment.

Possible Corrective Action

Insure proper coverup is in place.

Task Performed
Public Liability

Report #7

Incident Summary

Operator cleaning out ditch along 3 phase line. Talked to operator and he was not aware of the incident. Patrolled line and took pictures.

Safety Equipment in Use - No

Job Briefing Conducted - No

Corrective Action Taken

more customer awareness

Possible Corrective Action

Conduct training for local department of transportation.

Task Performed
OHD Maintenance

Report #8

Incident Summary

Crew was getting ready to use jib winch line on service bucket when they noticed that the winch line was severely frayed near the hook. The hook was cut off and a knot was tied in the winch line to prevent use until repairs were made.

Safety Equipment in Use - No

Job Briefing Conducted - No

Corrective Action Taken

Always inspect winch lines before each use.

Possible Corrective Action

Inspect equipment prior to use.

Task Performed
Line/Substation Switching

Report #9

Incident Summary

MOAB was improperly locked in a de-coupled position allowing high winds to blow the switch back to the closed position.

Safety Equipment in Use - No

Job Briefing Conducted - No

Corrective Action Taken

A visual check to ensure proper locking procedures were followed

Possible Corrective Action

N/A

Task Performed
OHD Maintennace

Report #10

Incident Summary

Crew was leaning 3 phase 6A CWC line to rebuild line. Operator dug hole by the pole. When he went to push the pole over, it would not move. Operator pulled pole up to break it loose. Pole canted or pressure was put on pole. The east phase cross arm pin split the cross arm and the phase fell onto the cross arm. Breaker did not open as phase just laid on the arm and did not come in contact with another phase, neutral wire or the digger truck. Crew was wearing proper PPE and away from the digger truck. Breaker was on non-reclosing. Line was deenergized and new cross arm installed.

Safety Equipment in Use - No

Job Briefing Conducted - Yes

Corrective Action Taken

Do not stand next to the digger truck or the pole while leaning energized poles.

Possible Corrective Action

Inspect all material before work begins and insure safe work procedures are followed.

Task Performed
Public Liability

Report #11

Incident Summary

Received a call, from an elevator, that the line had blinked and slugged the grain leg. Crew found a neutral down and the bottom phase on a three phase stacked corner had arc marks on it by a metal scrap yard. Crew made contact with one of the workers at the scrap yard. He said they had cut into a 100 gallon propane tank, with a shear on the end of an excavator, without checking to see if it was empty. Propane tank split in half and went through the line. Neutral is 26 feet high and was about 50 feet away from the excavator.

Safety Equipment in Use - No

Job Briefing Conducted - Yes

Corrective Action Taken

Make sure tanks are empty before cutting in half.

Possible Corrective Action

N/A

Task Performed
OHD Maintenance

Report #12

Incident Summary

Job was to change out old copper wire to new #2 ACSR wire. Old wire was on alley arms. As rollers were being installed for new wire, employee noticed a crack in the head of the roller, which could have caused the roller to fail.

Safety Equipment in Use - No

Job Briefing Conducted - Yes

Corrective Action Taken

N/A

Possible Corrective Action

Continuous equipment inspection

Task Performed
Routine Office Work

Report #13

Incident Summary

Walked into storage room and turned on light switch. Noticed that face plate was very loose and moving. Bottom screw was missing and top screw was very loose. Face plate was about to come off, exposing energized wires.

Safety Equipment in Use - No

Job Briefing Conducted - No

Corrective Action Taken

N/A

Possible Corrective Action

Facility Inspection

Task Performed**Report #14**

Slip, Trip & Fall

Incident Summary

While standing on the tongue of the chipper trailer to adjust the shoot, I slipped and fell and hit the front outrigger on the way down with my upper thigh.

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

3 points of contact

Possible Corrective Action

N/A

Task Performed**Report #15**

URD Maintenance

Incident Summary

While opening pad mount transformer lid, saw a skunk hiding inside. Closed lid immediately and called pest control.

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

Always be on look out for hazards. No rule or policy has been created

Possible Corrective Action

N/A

Task Performed**Report #16**

OHD Maintenance

Incident Summary

Digging rock hole, employee was shoveling dirt away from auger when a bolt on the boom fell out and hit employee on hardhat.

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

Hard hat worn on all job sites

Possible Corrective Action

Inspect equipment routinely.

Task Performed**Report #17**

OHD Outage

Incident Summary

Crew had set up a proper emergency work zone per MUTCD. Crew member 1 was putting out cones. Crew member 2 was putting on bucket harness/fall arrest. Crew member 3 was clear of bucket truck. A semi truck driver, traveling south bound, came upon work zone. Truck driver was apparently distracted and entered into work zone at posted speeds. Did not move over until nearly at back of bucket truck. When driver looked up from distraction and saw bucket truck, he swerved violently out of the way. Crew member 1 had to run into ditch to avoid what he thought would be a collision.

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

Our policy was followed per MUTCD.

Possible Corrective Action

Insure work zone is setup correctly. Request assistance from local law enforcement.

Task Performed**Report #18**

Driving

Incident Summary

I was driving westbound past the high school. There was lots of traffic with teenagers arriving for school. The vehicle in front of me made a right turn (north) into school parking. I, of course, had to slow down for the vehicle to turn and then was proceeding west slowly. Then, all of the sudden, an east bound car driven by a school girl made a left turn (north) in front of me to get into the school parking lot. I was certainly glad that I was using caution while driving past the school.

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

Use alternate route, if possible during the starting and ending of the school day, to avoid heavy traffic and not add to the congestion. We also discussed defensive driving skills like driving slower, observing surroundings and avoiding distractions such as cell phone, etc.

Possible Corrective Action

N/A

Task Performed**Report #19**

Driving

Incident Summary

Employee was meeting at substation for lunch. Employee pulled into substation because car was tailing him. When employee turned around in substation parking area, he struck guy wire.

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

When available use ground guide. Future trucks will have back-up cameras. If alone, assess the situation before acting.

Possible Corrective Action

N/A

Task Performed**Report #20**

Line/Substation Switching

Incident Summary

An employee was responsible for de-energizing all 3 phases from the first padmount transformers behind riser pole. The plan was to de-energize the riser pole so the arrestors could be changed out. The employee de-energized the first two padmounts, on his way to de-energize the final padmount, he became distracted by fixing a bucket truck that had broke down. He forgot to de-energize the third padmount. He told the apprentice at the riser pole that he was free to test and ground. The apprentice had his voltage detector on the wrong setting (115 kv rather than 15 kv). Obviously, the detector did not detect voltage to be present. When the apprentice applied his grounds, he knocked the feeder out.

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

Each employee should be familiar with the device or equipment they are using.
A proper switching plan should be implemented and followed.

Possible Corrective Action

Switching orders should be written and reviewed for accuracy then executed as written.

Task Performed
OHD Construction

Report #21

Incident Summary

Employee hooking stinger up on existing cut out t-bracket broke dropping cutout and L/A .

Safety Equipment in Use - No

Job Briefing Conducted - Yes

Corrective Action Taken

Look at brackets to make sure no damage has been done to them over time.

Possible Corrective Action

Inspect material prior to work begining.

Task Performed
Meter Maintenance

Report #22

Incident Summary

The service to an oil well was past due for payment. Because of their payment history, the supervisor for this department directed employees to install a disconnect-capable meter. Employees went to the sight to replace meter. Previously installed meter was an I-210. When the employee attempted to change to an I-210 +RD, there was arcing. The service location was a 480 service and employees attempted to install a 240 volt meter. All proper PPE was being worn. There was arcing but no arc flash. Employees believe they fell into the trap of tunnel vision. Their normal practice is to check voltage before setting a meter. This would have prevented the damage.

Safety Equipment in Use - No

Job Briefing Conducted - No

Corrective Action Taken

The employees will test and document voltage for all meter tasks before setting the meter.

Possible Corrective Action

Consider marking alternate voltage meter sockets with voltage,

Task Performed
ROW Maintenance

Report #23

Incident Summary

Employees wearing vests, trucks flashers and lights going, safety cones set up on the road way. A semi-truck going down road did not move over until the last minute. Almost hitting the back of cooperative truck that was parked on the shoulder of the road. No oncoming traffic - flat open section of road. The semi-truck was over one and one half miles away when truck was backed into the road.

Safety Equipment in Use - No

Job Briefing Conducted - No

Corrective Action Taken

Employees need to pay attention to everything - notice hazards.

Possible Corrective Action

Insure work zone is setup correctly. Request assistance from local law enforcement.

Task Performed
Driving

Report #24

Incident Summary

Driving west at approximately 30 mph, due to poor road conditions, and a car traveling southbound did not stop at the stop sign. Cooperative employee hit the brakes and truck went sideways in the road and just missed the other driver's car that went through the stop sign.

Safety Equipment in Use - No

Job Briefing Conducted - No

Corrective Action Taken

N/A

Possible Corrective Action

Always drive defensively.

Task Performed
Meter Maintenance

Report #25

Incident Summary

Climbed over fence because the gate was locked. While hoisting himself over the fence he felt a sharp pain in his shoulder.

Safety Equipment in Use - No

Job Briefing Conducted - No

Corrective Action Taken

Contact owners to access property. Policies require unrestricted access to company facilities.

Possible Corrective Action

N/A

Task Performed

Driving

Report #26

Incident Summary

While backing digger truck into the bay, the passenger side of the truck made contact with the edge of building and bay door.

Safety Equipment in Use - No

Job Briefing Conducted - No

Corrective Action Taken

Assistance to be obtained when backing up vehicles.

Possible Corrective Action

Consider a spotter when backing vehicles with limited view and complete a 'Circle Check' prior to moving.
