



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

Material Handling

Incident Summary

Operator untied the transformer on the back of the digger truck. Plans were changed and it was decided to move two poles north for the Grid Stream router. Transformer slid off the back of the digger when he moved. No oil spilled out of the transformer.

Safety Equipment in Use - No

Job Briefing Conducted - Yes

Corrective Action Taken

Do a circle check of all vehicles before moving from one job to the next.

Possible Corrective Action

N/A

Task Performed
OHD Maintenance

Report #2

Incident Summary

Lineman in bucket had untied the neutral off the spool and was lowering it. Ground man was tying it off to the jack leg of bucket truck. Neutral got hooked on three phase tree and when it came off it slapped into the west phase opening the recloser.

Safety Equipment in Use - No

Job Briefing Conducted - Yes

Corrective Action Taken

Watch what you are doing and watch what the lineman in the bucket is doing.

Possible Corrective Action

Designate a qualified observer when energized work is taking place.

Task Performed
OHD maintenance

Report #3

Incident Summary

Retire a service to where a trailer home once existed. Upon arrival the pole to be retired no longer had any service wires connected to it except a conductor in conduit that was taped off near the top of the pole. The lineman dug to expose the conduit and conductor in order to cut the wire. Using a sawzall tool to cut the conductor the assumed de-energized wire was actually energized. A flash occurred melting the sawzall blade. The lineman received a welders burn to his face.

Safety Equipment in Use - No

Job Briefing Conducted - Yes

Corrective Action Taken

Do not assume - test to know for certain.

Possible Corrective Action

N/A

Task Performed**Report #4**

Training

Incident Summary

Employee performing pole top rescue training had BuckSqueeze attached at 15' while attempting to wrap the rescue line around the rescue dummy. When he tried to push the dummy around to wrap the rope he cut out and fell to the ground. There were 2 possible causes. First, his BuckSqueeze could have been out of adjustment leaving too much slack and allowing him to fall. Second while pushing the dummy either it or his glove sleeve engaged the release on the BuckSqueeze letting it all the way out. The employee received only heavy bruising from his fall.

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

Full time fall protection must be used at all time when climbing above 4' on poles.

Possible Corrective Action

Inspect all equipment before each use.

Task Performed**Report #5**

URD Outage

Incident Summary

Service crew was dispatched on a partial power call. They opened the meter base and discovered that the wire had settled causing one of the hot legs to pull out of the terminal lug. The energized exposed end of the wire was floating in the meter base. Employee was wearing appropriate PPE.

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

N/A

Possible Corrective Action

If equipment conditions are abnormal de-energize equipment before opening.

Task Performed**Report #6**

Material Handling

Incident Summary

Doing a pre-trip vehicle inspection. Saw that the auger sling was torn almost completely apart.

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

N/A

Possible Corrective Action

N/A

Task Performed**Report #7**

Public Liability

Incident Summary

Member was digging around secondary with backhoe, contacting the live secondary line. Fault cause outage which lineman responded to. Member was on equipment upon arrival and was safely removed. No injuries or equipment damage occurred.

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

Additional awareness information being sent out to members and discussions held with all employees emphasizing the importance of communicating how to call in locates to members.

Possible Corrective Action

Public Safety Awareness Campaign (Call before you Dig).

Task Performed**Report #8**

House Keeping

Incident Summary

Employee went into restroom and noticed that the metal drain cover on the floor was not covering the drain. Someone had apparently removed the cover at some time and never replaced the screws. New screws were put in the cover and it was secured.

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

N/A

Possible Corrective Action

Complete routine facility inspections.

Task Performed**Report #9**

Inspections

Incident Summary

During vehicle inspection, noticed that the locking arm for the fire extinguisher was not working. The extinguisher is located inside the bin and could easily fall out if the door is opened. The bracket was replaced before the vehicle left the office.

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

N/A

Possible Corrective ActionN/A

Task Performed**Report #10**

Driving

Incident Summary

Driving down highway when another vehicle was seen approaching from a side road and a pretty good speed. I didn't think they would have time to stop, and they didn't. They blew through a stop sign right in front of me as I was traveling at 65 mph. I had to lock up the brakes and missed smashing into the side of the truck by mere inches.

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

n/a

Possible Corrective Action

Drive defensively at all times.

Task Performed**Report #11**

OHD Outage

Incident Summary

Maintenance crew was checking out a low voltage call. The line tech in the bucket truck disconnected the transformer to check the connections on it. This particular farm yard has two houses with two separate transformers. While the line tech was checking connections his wrench got across a phase wire and neutral wire causing some sparks. After further inspection of the pole they found there was some triplex that fed from the other transformer pole to the transformer being worked on. This was put in many years ago so both services could be ran off of one generator.

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

N/A

Possible Corrective Action

Test for voltage prior to beginning work.

Task Performed
OHD Maintenance

Report #12

Incident Summary

Digger derrick extended fully, abrupt movement of control swinging caused jerking, crossarm came out of sling and dropped

Safety Equipment in Use - No

Job Briefing Conducted - Yes

Corrective Action Taken

Slow down

Possible Corrective Action

Insure proper rigging.

Task Performed
OHD Maintenance

Report #13

Incident Summary

Employee was running up extendo stick when he felt something strange. The third stage of the fiberglass stick was severely splintered. The stick was tagged out of service until repairs could be made.

Safety Equipment in Use - No

Job Briefing Conducted - Yes

Corrective Action Taken

N/A

Possible Corrective Action

Insure tools are in proper condition.

Task Performed
Driving

Report #14

Incident Summary

Bucket truck ran over a section of auger flighting and it got caught under the truck - while backing up to clear - backed into flatbed truck damaging the front bumper corner

Safety Equipment in Use - No

Job Briefing Conducted - Yes

Corrective Action Taken

Circle check

Possible Corrective Action

Always use second person when available.

Task Performed
OHD Maintenance

Report #15

Incident Summary

Pole tongs released, causing pole to roll. As pole rolled the guy attachment caught employees leather glove rolling him down a ditch bank breaking his right elbow.

Safety Equipment in Use - No

Job Briefing Conducted - Yes

Corrective Action Taken

No pole tongs

Possible Corrective Action

N/A

Task Performed

OHD Outage

Report #16

Incident Summary

Arrived on scene & found our 40-4 A1 A5 pole broken off. Disconnected line , then returned to remove the OH guy and neutral off the road. Crew came to replace pole

Safety Equipment in Use - Yes

Job Briefing Conducted - Yes

Corrective Action Taken

N/A

Possible Corrective Action

Insure scene is safe for everyone involved.

Task Performed

Driving

Report #17

Incident Summary

Driver side front tire was flat. Called AAA at 12:20am tow truck came. Donut was not in best shape for drive home.

Safety Equipment in Use - Yes

Job Briefing Conducted - No

Corrective Action Taken

N/A

Possible Corrective Action

N/A

Task Performed**Report #18**

URD Maint

Incident Summary

Large 3 phase customer with (5) 2500 kVA transformers. Customer was not ready for all 5 transformers to be fired up in early July. They requested that only 1 transformer be energized and the other 4 left dead. All transformers were wired in series on the primary side. We had a contract crew do all our underground 750 MCM cable and terminate for us. When we energized the transformer back in July it was being fed from the normally backfed direction. We found at that time the feeds had been mislabeled by the contractor. The crew back in July corrected the markings. When transformer 5 was opened it was verified that the cable feeding to transformer 4 was parked. Crew member went to place bayonet fuse in to transformer 4 with a shotgun it energized the secondary coils of transformer 4. It should not have done this as this cable was to be dead. After checking everything over it was found that the contractor mislabeled both feed ins from the metering cabinet.

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

Whenever a contract crew has done the work to always ohm wires out to verify tagging.

Possible Corrective Action

Test all cable prior to any work being performed.

Task Performed**Report #19**

N/A

Incident Summary

Slipped & fell off of back step on truck 21. Landed on right shoulder/right elbow on to hard paved black top road

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

N/A

Possible Corrective ActionN/A

Task Performed**Report #20**

OHD Outage

Incident Summary

Crew was dispatched to an outage. The overhead transformer was tripped off and vines covered the top of the pole and the transformer. The vines were removed and the transformer was tripped on. The crew heard a large explosion at the back of the house as one crew member was walking towards the meter. The transformer was tripped off. The crew found that the main breaker was bad and had exploded in the panel, nearly blowing a hole in the side of the panel.

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

N/A

Possible Corrective Action

N/A

Task Performed**Report #21**

Equipment Inspection

Incident Summary

Employee was inspecting his truck and noticed that a bolt was missing on the boom securing bar. He took the truck to the shop where a bad keeper was also found on the jib winch.

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

N/A

Possible Corrective ActionN/A

Task Performed
OHD Maintenance

Report #22

Incident Summary

Set meter and direct short occurred. found small piece of wire 3/4" on in base. was in mounting screw hole.

Safety Equipment in Use - Yes

Job Briefing Conducted - No

Corrective Action Taken

Do all correct tests of base. make a visual inspection of base. wear all appropriate protective clothing and equipment.

Possible Corrective Action

N/A

Task Performed
OHD Maintenance

Report #23

Incident Summary

While winching up transformer off bolts it caught bolt above top hanger and bent transformer lifting point causing it to fail to support the load and fell to the ground

Safety Equipment in Use - Yes

Job Briefing Conducted - No

Corrective Action Taken

N/A

Possible Corrective Action

Use proper rigging.

Task Performed
OHD Maintenance

Report #24

Incident Summary

Fuse in cutout was thrown in energized 3 phase transformer bank. Dead short in meter caused fire in meter base ejecting meter and meter base cover.

Safety Equipment in Use - Yes

Job Briefing Conducted - No

Corrective Action Taken

N/A

Possible Corrective Action

Test meter equipment prior to energizing.

Task Performed
OHD Maintenance

Report #25

Incident Summary

Installed 400w directional security light. Had checked before hanging that it was wired correctly. Put glove over photo cell to test. After 10 to 15 seconds the light blew up...no warning noise or anything

Safety Equipment in Use - Yes

Job Briefing Conducted - No

Corrective Action Taken

Position yourself to the side or behind security light to test

Possible Corrective Action

N/A

Task Performed

Material Handling

Report #26

Incident Summary

Trucking company on site to pick up bad transformers. Transformer was bagged and bottom of bag had a hole in it. Oil leaked from warehouse to truck.

Safety Equipment in Use - Yes

Job Briefing Conducted - No

Corrective Action Taken

Inspect bag after lifting onto forklift to make certain secure before putting on truck

Possible Corrective Action

N/A

Task Performed

Loading bad transformers onto truck

Report #27

Incident Summary

While loading bad transformers onto truck a 75 kva transformer fell off pallet being loaded onto truck causing oil spill

Safety Equipment in Use - Yes

Job Briefing Conducted - No

Corrective Action Taken

N/A

Possible Corrective Action

N/A

Task Performed
OHD Maintenance

Report #28

Incident Summary

Worker was cutting down old pole in 5 foot sections. The lineman cut halfway through the pole, both high and low, but the worker did not see the vertical crack connecting the two cuts. The pole section broke along the vertical crack allowing the pole section to fall. In the process of falling, it hit the cable messenger and rode it 20' depositing it in the middle of the road.

Safety Equipment in Use - Yes

Job Briefing Conducted - No

Corrective Action Taken

Pole sections shall be lowered to the ground through the use of the handline or winchline.

Possible Corrective Action

N/A

Task Performed
OHD Maintenance

Report #29

Incident Summary

When re-energizing services, arc was formed. A 3KV arrestor was on riser pole above cut-out and single bells on C-8

Safety Equipment in Use - Yes

Job Briefing Conducted - No

Corrective Action Taken

N/A

Possible Corrective Action

N/A
