Filing Receipt

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Public Utility Commission of Texas

Employee Training Report
Required by 16 Texas Admin. Code § 25.97(d)

PROJECT NO. 50595

AFFECTED ENTITY: Southwestern Electric Cooperative Inc.

General Information

Pursuant to 16 Texas Admin. Code § 25.97(d)(2), not later than the 30th day after the date an affected entity finalizes a material change to a document or training program, the affected entity must submit an updated report. The first report must be submitted not later than May 1, 2020.

Instructions

Answer all questions, fill-in all blanks, and have the report notarized in the Affidavit.

Affidavit

A representative of the affected entity must swear to and affirm the truthfulness, correctness, and completeness of the information provided by attaching a signed and notarized copy of the Affidavit provided with this form.

Filing Instructions

Submit four copies (an original and three copies) of the completed form and signed and notarized Affidavit to:

Central Records Filing Clerk
Public Utility Commission of Texas
1701 N. Congress Avenue
P.O. Box 13326
Austin, Texas 78711-3326
Telephone: (512) 936-7180

Affected Entity: Southwestern Electric Cooperative Inc. **PROJECT NO.** 50595

1. Provide a summary description of hazard recognition training documents you provide your employees related to overhead transmission and distribution facilities.

I am responding to the inquiry you received from the Texas Public Utility Commission concerning compliance training on HB 4150, specifically Southwestern Electric Cooperative and their filing on project #. 50595

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? This is a yearly Hazard Recognition Course review given to participating coops in the New Mexico Association of Electric cooperatives.

To their question on summary of topics & materials used:

? Course Outline Includes:

1. Definition of a hazard recognition program
2. 29CFR 1926 REGULATIONS - 1926.21 safety training & regulations
3. Hazard Reporting (Observation, Analyzation & reporting)
4. Texas HB 4150 (boy scout accident)
5. Conductor sag, Factors & Safety
6. Hazards of sagging conductors
7. Overhead conductor NESC code specifications
8. Conductor sag loading zones
9. Specifics of each cooperatives hazard reporting process

Also note, due to covid restrictions in NM this was presented in a zoom meeting, and handout materials were discouraged.

2. Provide a summary description of training programs you provide your employees related to the National Electrical Safety Code for construction of electric transmission and distribution lines.

For Distribution:
Summary description of Safety Meeting HB 4150 Training:
The training will include an overview of HB 4150 with an explanation of requirements for the utilities operating in Texas. It will also include hazard recognition training as it applies to the requirements of compliance with the National Electric Safety Code (NESC). This will include clearance requirements for lands, roadways, and waterways. The employee training will define to whom, when and how the bill applies. As well as explanation of guidelines, requirements, and deadlines for filing reports. A portion of the course will include hazard recognition and an explanation of clearance guideline requirements preparing employees to proactively recognize and report hazards and clearance related issues on their utilities ' system.
Course Outline:
1. HB 4150 Review
2. Hazard Recognition
3. NESC Clearance Guideline Requirements Course Materials:
   1. Power Point Presentation
   2. Presentation Material Handouts
   3. NESC Clearance Handouts
   4. HB 4150 Law
   5. Osha standards 29 cfr 1910.137 1926.400 1926.416 1926.417 1926.950 1926.954 1926.955 1926.956 1926.957

For Transmission:
Summary of Transmission for PURA §38.102:
PURA §38.102 requires electric utilities including electric cooperatives and municipally owned utilities to provide training to employees related to the National Electric Safety Code (NESC) for construction of electric transmission and distribution lines. This webinar discusses the requirements for transmission facilities which are defined as facilities operating above 60 kV. The webinar will not include discussions regarding distribution lines. This training will focus on transmission clearances, strength issues, and access of overhead transmission lines.
Course Outline:
1. Maximum Operating Temperature and Sag Requirements for Transmission Conductors
2. Additional Ground Clearance Requirements for Transmission Lines
   a. Maximum Operating Voltage
   b. Elevation above Sea Level
   c. Electrostatic Effects to Vehicles below the Line.
3. Additional Clearances from Building/Signs
   a. Deflection of Insulators
   b. Deflection of Structures
   c. Clearance Based on Maximum Operating Voltage
   d. Limited Electrostatic Effects to Buildings and Signs below the Line
4. Mid-span Conductor Clearances
5. Power Lines and Phone Lines Crossing below Transmission Lines
6. Grade of Construction for Voltages Over 22kV
   a. Guying Strength Requirements
   b. Under-build Strength Requirements
7. Identification of Climbable Supporting Structures Objectives:
   1. Determine appropriates clearances for transmission lines.
   2. Define maximum sag for determined clearances.
   3. Identify strength requirements for transmission facilities

Copies of NESC Clearance Charts made available to all outside employees.

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AFFIDAVIT

I swear or affirm that I have personal knowledge of the facts stated in this report or am relying on people with personal knowledge, that I am competent to testify to them, and that I have the authority to submit this report on behalf of the affected entity. I further swear or affirm that all statements made in this report are true, correct, and complete.

Signature

Tyson Holland
Printed Name

Outside Operations Manager
Job Title

Southwestern Electric Cooperative Inc.
Name of Affected Entity

Sworn and subscribed before me this 9th **day of** March, 2023.
Month Year

STATE OF NEW MEXICO
NOTARY PUBLIC
WANETTE DAVIS
Commission # 1056417
My Comm. Exp. 02/25/2024

Wanette Davis

Notary Public in and For the State of New Mexico.

My commission expires on 2/25/2024.