











# 1971-1990

#### New law of the land

Hard hats
Head protection made
from thermoplastics
gains widespread use.

President Richard Nixon signs the Occupational Safety and Health Administration law. Underground line installation gains widespread use. Material-handling bucket trucks and hydraulic and mechanical compression tools also improve work conditions.

## Rubber sleeve improvements

New sleeves extend to the shoulders for extra protection.

## Telescoping or extendo stick

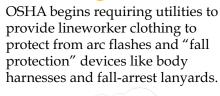
Made of fiberglass, the extendo stick lets workers perform tasks like opening and closing switches or removing tree limbs while staying on or near the ground.





# 1991-present





#### Harnesses

Linemen aren't climbing as much, so body harnesses and lanyards are valuable backup support.

### Clothing

Insulated

hard hats

Linemen now wear hard hats insulated with a special polyethylene that protects against blows to

Arc-rated clothing is written into OSHA-required personal protective equipment.

## Battery-operated crimper

Lightweight mechanical crimpers mean no more squeezing connectors by hand.

#### **Tablets**

Mobile devices help lineworkers troubleshoot problems using SCADA and meter data instead of climbing a pole or going up in a bucket.



