

## **Appendix A-1 Mandatory to Section 1910.269**

### **(a) Application**

(1) The Occupational Safety and Health Information contain in this mandatory appendix to 1910.269 shall apply to the maintenance, operations, alterations, and removal of electric transmission and distribution line and equipment.

(2) The standards set forth in this appendix provide minimum requirements for safety and health. Employers may require adherence to additional standards which are not in conflict with the standards contained in this appendix.

### **(b) Personnel**

Utility contractors shall provide a list of qualified employees and registered apprentices to electric utilities prior to beginning any work for the electric utility. This list shall include the name of each qualified employee a recitation of their qualifications, training and experience, an updated accounting of the training and safety education completed, and when such training and safety education was completed.

(1) This list shall be updated annually or within 15 days of the hiring of a qualified employee.

(a) Working aloft from a pole. On energized conductors of more than 600 volts there shall be not less than two qualified employees. Both shall be trained and proficient in current pole-top rescue procedures, first-aid and CPR.

Note: The following exceptions apply for routine maintenance and non-emergency situations:

1) When operating switches, fuses or test equipment from the ground by means of an insulated operating handle or stick;

2) When a registered apprentice with a minimum of 2000 hours experience who shall have completed training in and be proficient at pole-top rescue techniques, first-aid and CPR is assigned to work with a qualified lineworker for the purpose of training;

Note: The following exceptions apply for emergency situations and storm restoration work

1) Where life or public safety are in immediate danger, one qualified employees may remove only the immediate hazard if no other qualified employees are immediately available and in the judgement of the qualified employee at the site the work can be performed safely alone; or,

2) When restoring power during widespread storm outages provided that the minimum working distance and the minimum clear hot stick distance can be maintained, and in the judgement of the qualified employee at the site the work can be performed safely alone, and another person is present to observe and assist in ground activities.

(2) Working aloft from a bucket. on energized conductors of more than 600 volts, there shall be not less than two qualified employees. Both shall be trained and proficient in operating the lower bucket controls, removing an injured employee from the bucket, first-aid and CPR. There shall be provided a mechanical means for removing an injured employee from the bucket.

Note: The following exceptions to the rules apply, provided that there is a second person proficient in the operation of the lower bucket controls, first-aid and CPR present:

1) When re-fusing circuits or equipment with a hot stick;

2) When operating switches by means of operating handles or switch sticks;

3) When a qualified apprentice is assigned to work with a journeyman for the

purpose of training;

4) When installing or removing a hot line clamp connection with a hot stick, provided the connection or disconnection does not interrupt a load;

5) Where life or the public safety are in immediate danger, one worker may remove only the immediate hazard if no other workers are immediately available and in the judgement of the qualified employee at the site the work can be performed safety alone.