Section 22.
Relations between various classes of lines and equipment

224. Communication circuits located within the supply space and supply circuits located within the communication space

Change Rule 224B2a as follows:

B. Supply circuits used exclusively in the operation of communication circuits

Circuits used for supplying power solely to apparatus forming part of a communications system shall be installed as follows:

1. Open-wire circuits shall have the grades of construction, clearances, insulation, etc., prescribed elsewhere in these rules for supply or communication circuits of the voltage concerned.

2. Special circuits operating at voltages in excess of 90 V ac or 150 V dc and used for supplying power solely to communications equipment may be included in communication cables under the following conditions:
   a. Such cables shall have a conductive sheath or shield that is effectively grounded.
   EXCEPTION: Fault-Managed Power Systems (FMPS) cables are permitted to operate without a conductive sheath or shield.
   b. All circuits in such cables shall be owned or operated by one party and shall be maintained only by qualified personnel.
c. Supply circuits included in such cables shall be terminated at points accessible only to qualified personnel.

d. Communication circuits brought out of such cables, if they do not terminate in a repeater station or terminal office, shall be protected or arranged so that in the event of failure within the cable, the voltage on the communication circuit will not exceed 400 V to ground.

e. Terminal apparatus for the power supply shall be so arranged that the live parts are inaccessible when such supply circuits are energized.

*EXCEPTION:* The requirements of Rule 224B2 do not apply to communication circuits where the transmitted power does not exceed 150 W.