

ORDER

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
WESTERN REGION

WE 3900.26

7/6/79

SUBJ: SAFETY ALERT - AC LINE FUSE, RACK MOUNTED EQUIPMENT

1. PURPOSE. This order alerts Airway Facilities personnel of the potential hazard when installed equipment has the fuse in the neutral leg.
2. DISTRIBUTION. This order is distributed to branches and above in the Airway Facilities Division and to Airway Facilities sectors and to their subordinate field elements.
3. BACKGROUND. Recent technical evaluations at three sectors have uncovered that from 25-50% of the installed equipment has the fuse in the neutral leg. This is a serious safety hazard and contrary to the National Electric Code.
4. ACTION. With the equipment operating normally check all installed equipment at the input fuse. You should read the nominal 120V to ground when measuring this point. If not, the fuse is in the grounded neutral leg and the input wiring must be reversed.


W. R. FREHSE
Chief, Airway Facilities Division

Distribution: A-X (AF) -3; A-FAF-2/3/7 (STD)

Initiated By: AWE-430