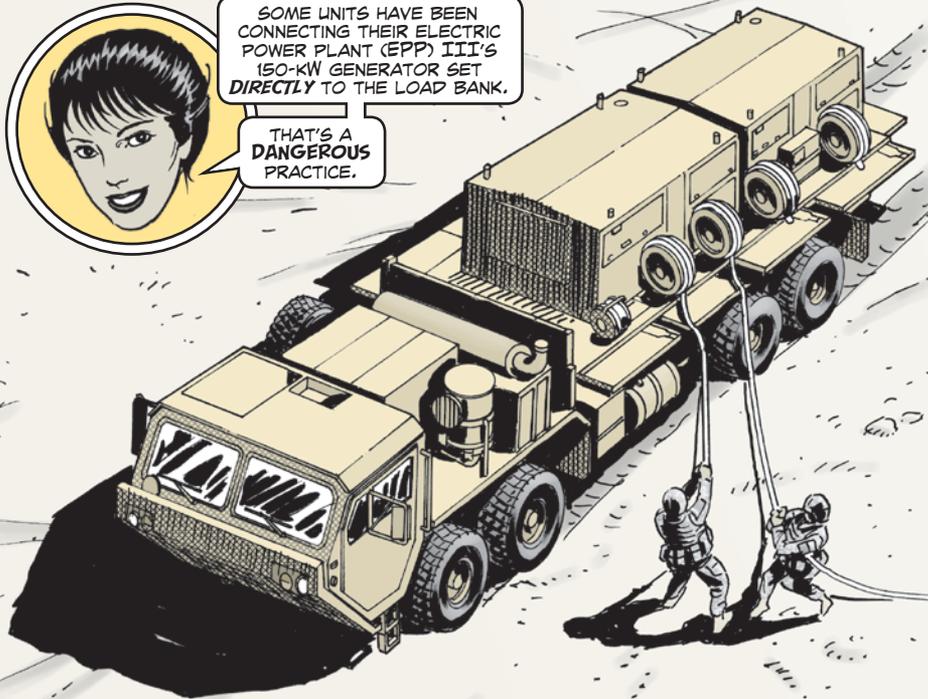


CONNECTION CORRECTION

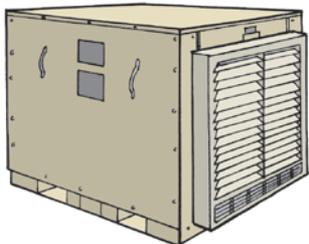
SOME UNITS HAVE BEEN CONNECTING THEIR ELECTRIC POWER PLANT (EPP) III'S 150-KW GENERATOR SET **DIRECTLY** TO THE LOAD BANK.

THAT'S A **DANGEROUS** PRACTICE.

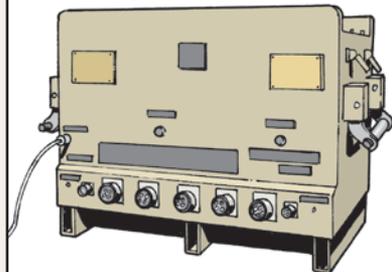


A direct connection between the generator set and the load bank exposes you to live leads producing more than 208VAC at 520 amperes per phase. That's enough to kill you and then some.

Never connect generator set **directly** to load bank



Connect load bank to junction box

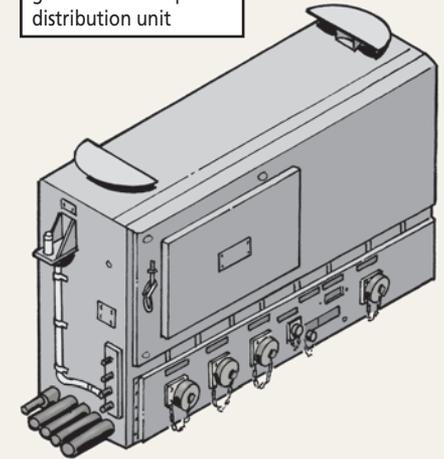


HERE'S THE **SAFE** WAY TO MAKE THE CONNECTION...



Connect the load bank's L1, L2, L3 and LO cables to the generator set's junction box. Then make sure the generator set is properly connected to the power distribution unit (PDU), like it says in WP 0005-5 through -6 of TM 9-6115-668-13 (Dec 11), *Operator and Field Maintenance Manual for Generator Set, Diesel Engine Driven, Skid Mounted 150kW, 400 Hz, Alternating Current.*

Properly connect generator set to power distribution unit



Finally, connect the generator set's power and control cables to the junction box. That way the power cables don't have any exposed leads that can harm you. And the connection between the load bank and the generator set is convenient and safe.

COMPLETE PROCEDURES FOR OPERATING THE LOAD BANK ARE SPELLED OUT IN...



...WP 0005-33 THROUGH -35 OF TM 9-6115-669-13&P (FEB 12), *OPERATOR AND FIELD MAINTENANCE MANUAL INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST FOR ELECTRIC POWER PLANT III.*

Play It Safe

Before you start connecting power cables or anything else, make sure your generator set is properly grounded. WP 0005 of TM 9-6115-669-13&P covers grounding instructions.

And remember, never set up, adjust or fix a ground when the generator set is running. If you do, you risk getting a deadly shock.

So play it safe. Make sure the set is shut down and all power is off before you touch ground straps, rods, terminals, clamps or lugs. Ideally, you should check grounds during other PMCS when the set is off.