

SAFETY CHECKLIST

The checklist below can help you determine if your farm has any “red flags” that require follow up.

Yes	No	If an answer is no, have a qualified electrician inspect the problem area.
		Did a qualified electrician install the electrical system?
		Has the electrical system been professionally inspected within the past 10 years?
		Does each building have a single electrical service entrance?
		Is there at least three feet of clearance in front of all electrical panels, and can all panel doors be opened at least 90 degrees?
		Is the service entrance at each building equipped with a grounding electrode?
		Are all enclosures, thermostats, switches, receptacle boxes and covers water-tight, dust-tight and made of corrosion-resistant materials?
		Are all cables and cable fittings of a type designed for use in a wet or damp environment?
		Is all conduit nonmetallic and surface-mounted?
		Is all metallic equipment properly grounded?
		Are all grounding and neutral conductors electrically separated except in the main disconnect panel?
		Are all light fixtures made of corrosion-resistant material and equipped with shatterproof covers or globes with proper gaskets?
		Do all cables and conduits enter boxes and enclosures from the side or bottom wherever possible?
		Are all motors totally enclosed and rated for farm service?
		Are all electrically heated waterers serviced with a cable or conduit equipped with an equipment grounding conductor?
		Are all metallic building components within eight feet of the ground or floor bonded to the electrical grounding system?
		Do family members and all hired farm workers know where and how to disconnect power in case of an electrical emergency?
		Are all agricultural buildings equipped with a lightning protection system?
		Is there a minimum 18-foot clearance between the tops of grain bins, buildings and any overhead power lines?
		Is there adequate clearance to move tall equipment under power lines?

For more information call your Alliant Energy agribusiness representative or 1-800-ALLIANT (255-4268).