



ELECTRICAL SYSTEM PLANNING

DESIGNED TO HELP YOUR COMMUNITY SUCCEED

“Enhancing economic development through infrastructure”

Why you should choose **SPECTRUM** for ...

• Relay Replacement

For generations, electric power system protection has been accomplished with the use of relays — electromechanical, solid-state, and microprocessor-based. We understand the inherent strengths and weaknesses of each. We also understand that relays, like other devices, have life cycles.

Nowadays, electromechanical and solid-state relays are being phased out, their strengths overshadowed by those of microprocessor-based relays. This is having a significant impact on the utilities operated by many municipal governments and universities as well as industries.

Rest assured, we at Spectrum Engineering can handle relay replacement projects of any size or complexity. We know how to tackle every aspect of relay replacement flawlessly, too, from tracing wires to commissioning an entirely new relay system. What's more,



we can replace relays in your existing doors or provide a package that includes new doors manufactured to the specifications of your originals.

Every relay replacement project we undertake — large or small, simple or complex — is supervised by a licensed Professional Engineer. You can be sure also that we have a thorough understanding of power system protection relays from all major suppliers.

Our full range of relay replacement capabilities includes...

- Relay system testing and inspection
- System wiring tracing and drawing development
- Panel cutout or door replacement drawing development
- Complete relay system development
- Relay setting and coordination
- Relay installation and wiring
- Conducting final checkouts
- Relay system training

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