



CUSTOM PANELS

SAFETY-RELATED PANELS

Nutherm started manufacturing panels in 1979 to support the commercial nuclear power plant market. Over 1,000 panel projects have been supplied for safety-related applications: power distribution, transfer of power, pneumatic control, I&C and monitoring of systems and power.

Nutherm has the capacity to manufacture panels or purchase commercial grade panels and modify them to particular seismic and environmental requirements.

SEISMIC DESIGN

A significant issue in the application of safety-related panels is the acceleration levels on sub panels and doors, where components and parts are located. These surfaces can significantly deflect and amplify the wall or floor seismic acceleration levels. High acceleration levels can cause physical damage and/or contact chatter.

SPECIAL PROCESS CONTROL

When special paint, controlled welding, or special material preparation is required, Nutherm will control these processes under our 10 CFR 50 Appendix B, NQA-1 Quality Assurance Program.

SPECIAL SIZES AND NEEDS

Nutherm manufactures special size and shape panels to match existing equipment. Nutherm supplies replacement panels for systems that no longer exist. In a recent project, Nutherm assembled a special size panel with terminal blocks specifically located to accept existing cable.

QUALIFICATION OF PANELS & CONTROLS

Qualification of power distribution equipment and panels containing controls can be presented in one comprehensive qualification test report. These reports simplify the review and evaluation at the plants.

POWER DISTRIBUTION PANELS

Nutherm supplies DC power distribution equipment that can meet the needs of the commercial nuclear power plant industry.

SWITCHBOARD AND CONTROL PANEL REPLACEMENT BOARDS

Inserts required for existing control boards can be matched by color and component to the existing equipment.

Class 1E Systems & Components Since 1979



