

# Problem?

*NLI's sole focus is to effectively address the needs of the nuclear industry's most demanding applications, providing answers for all types of equipment problems including electrical, mechanical and instrumentation.*



## SOLUTION EXAMPLE 1

Because of our long standing relationship with Trane, NLI is able to provide the innovative Adaptiview digital upgrade for chillers. NLI's scope includes the design, fabrication, mock-up testing, dedication testing, qualification, installation, and start-up of the control system. These units can be used on literally any chiller in the nuclear industry. Supplied as pre-packaged kits, Adaptiview units are prequalified for seismic, mild environment, V&V and EMI/RFI, and of course they can be provided for either safety- or nonsafety-related applications. Two NPPs are benefiting from these superior digital upgrades, and the word is spreading.



## SOLUTION EXAMPLE 2

In conjunction with our teaming partner Square-D Services, NLI designs, manufactures, qualifies and supplies MASTERPACT® low voltage breakers to replace old maintenance-intensive breakers such as GE AK, AKR and Westinghouse DB, DS and ABB K-Line breaker series. This equipment is furnished as pre-qualified\* replacements for existing breakers, requiring *no field changes* to install, and each unit is amazingly *maintenance free* for up to 10,000 "operations or 40 years. Fourteen nuclear plants have selected the MASTERPACT to replace low voltage breakers, and several more are looking at the benefits of this innovative equipment.



## SOLUTION EXAMPLE 3

NLI manufactures, tests and supplies accumulators and corresponding parts as ASME Section III "N-Stamp" components. Provided as direct replacements for Greer Hydraulic, Inc. accumulators, these parts are produced under NLI's ASME Section III Certificate of Authorization to the original design documents, ensuring proper fit up with the existing installed base. Responsibility is held by NLI for all aspects of design, manufacturing, NDE and testing to meet unique specifications. Currently, five facilities have installed our N-Stamp accumulators with great results.

NLI consistently meets the exacting requirements of our clients, and we are able to support the nuclear industry with proven, state-of-the-art solutions.

\* NLI has prequalified the subject equipment in accordance with IEEE Std. 323, IEEE Std. 344, IEEE Std. 7-4.3.2 and EPRI TR-102323, exceeding all requirements.

MASTERPACT® is a registered trademark of Square D Services.