

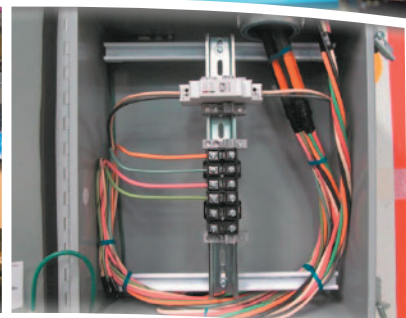


BHI
energy

YOUR SOLUTIONS PARTNER

Instrumentation & Controls and Electrical Services

- MWO Reduction
- Online & Outage Maintenance
- Union & NonUnion Team Structures
- Preventative & Corrective Maintenance
- Analyzers & Analytical Instrumentation
- Security Equipment Maintenance
- Equipment Installation & Modification
- Implementation Testing (Test Specialist/
Test Engineers Levels III, II, I)
- Implementation Procedure Writing
- Digital I&C Implementation Services
- Troubleshooting & Testing
- Training Services
- Supplemental Specialty Labor



**Contact us today to
make BHI part of your solution.**

BHI has the technical expertise and critical resources to execute your projects on schedule and on budget.

www.bhienergy.com/services/ic-electrical/



BHI energy

I&C and Electrical Maintenance

BHI Energy has more than 40 years of experience providing integrated specialty maintenance and technical services to power generation and industrial facilities. We provide experienced project management and labor who understand the demands of our customers and deliver quality I & C, Electrical Maintenance and Specialty Services.

I & C Maintenance

- Instrument Loop Calibration & Testing
- Programmable Logic Controllers (PLC)
- Transmitter & Controller Calibration
- Pressure Temperature & Flow Sensor Calibrations
- Indicators, Transmitters, Transducers & Square Root Extractors
- Positioners and I/P, I/E Converters
- Security Equipment Maintenance: multiplexers, taut wire, cameras, etc.
- Digital Control Systems (DCS) & Annunciators
- Main Control Board Recorders & Indicators
- Plant Process Computer Systems
- Network System testing – Sisco, SQL, Microsoft, Perle, Crystal, Fiber
- Failover and Redundancy Testing (FMEA)
- Radiation Monitoring System Testing and Repair (RMS)
- Digital Positioners

Electrical Maintenance

- Low & Medium Voltage Switchgear
- Motor Control Center Maintenance
- Bus Inspections/Cleaning & Maintenance
- Low & High Voltage Electrical Terminations
- Temporary Power
- Molded Case Breakers
- Battery Charger/Inverter Maintenance
- Conduit Installation Cable Pulls & Terminations
- Transformer Protection Circuits
- Protective Relay Maintenance

I&C AND ELECTRICAL PROJECTS

I&C&E Hardened Containment Vent

As part of a Fukushima modification, BHI worked with Energy NW to install an electrical portion of the Hardened Containment Vent (HCV) system within the plant and control room while the unit remained online. The project involved running 1,200ft of conduit and installing 2,500ft of cable, as well as installing HCV batteries, battery charger, distribution panel, associated cables, conduit, termination boxes, splice and pull boxes. The project was conducted as a managed task within BHI's Target Price model.

Nuclear Plant Construction & Maintenance Support

BHI is supporting Vogtle Nuclear Unit 3 and Unit 4 construction completion, initial energization, and various component testing prior to start-up and commercial operation. An additional team of Test Engineers, Planners and Test Specialists were seconded to Southern Nuclear across various testing and plant organizations focused on plant start-up activities.