

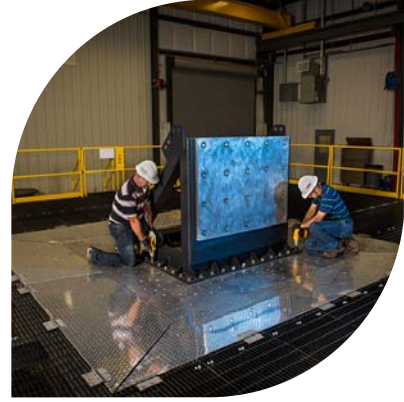
AREVA Inc.

Electrical Products & Services

Proven provider of solutions with the highest standards in safety, quality, performance and delivery

AREVA offers a complete solution to assess, test, monitor and refurbish / replace key electrical equipment in nuclear operating plants and DOE facilities.

AREVA Electrical Products supports customer needs by offering high quality, nuclear qualified products to address equipment reliability, obsolescence, and modernization upgrades resulting in reduced operating costs and increased plant operating efficiency.



The Shake Table with 10,000 lbs. during testing

Services:

- **Commercial Grade Dedication (CGD):**
 - **Industry leader** – over 20+ years experience in CGD of electrical products. Dedication program in compliance with newest EPRI guideline 3002002982 (Rev 1 to EPRI 5652 / TR-102260).
 - **Engineering expertise and experience** – We ensure that every product is thoroughly inspected, tested, and analyzed to meet the customers' requirements.
 - **10CFR50 Appendix B Program** – Assures that all aspects of the CGD & Engineering processes for our products meet or exceed the quality expectations of the nuclear industry.
- **Equipment Qualification:**
 - **Seismic Testing and Analysis** – Using the state-of-the-art tri-axial seismic table at the AREVA Technical Center in Lynchburg, Virginia.
 - **Environmental Testing** – Multiple environmental chambers, allowing for a variety of applications, and service / accident conditions.
 - **Standards** – IEEE-344 and IEEE-323 compliant
 - **Existing Qualifications** – AREVA maintains an extensive database of pre-qualified assemblies and components.
- **Engineering Services:**
 - Design Modification Packages
 - Technical Support for Component Coordination
 - Equipment Installation Support
- **Nuclear Parts Center (NPC):**
 - Ability to support customer stocking programs
 - CIS Website – www.us.aveva-np.com/cisweb
 - Electrical Spares After Hours – (724) 935-7288
- **Alliance Agreements:**
 - **EATON** – AREVA maintains agreement with Eaton that retains intellectual property for all products supporting design basis and qualification.
 - **Motors and VFDs** – AREVA has industry alliances with Original Equipment Manufacturers to bring VFDs, motors and spare parts to the nuclear industry.

Products:

- **Medium Voltage:**
 - New Switchgear
 - Vacuum Breaker Replacements
 - Enhanced Maintenance Kits
- **Low Voltage Breakers:**
 - DS Circuit Breakers
 - Refurbishment Kits
- **Switchboards & Panelboards**
- **Post Fukushima Solutions:**
 - Medium Voltage
 - Low Voltage
 - MCC Buckets
- **Motors (NEMA and ANEMA)**
- **Motor Control Center (MCC)**
- **Emergency Services:**
 - Switchgear Recovery
 - Main / Auxiliary Transformers
 - Electrical Distribution System
- **Variable Frequency Drives (VFDs)**
- **Bundled Solutions:**
 - Modification Engineering
 - Combined With Product
- **Spare Parts, including:**
 - Molded Case Circuit Breakers (MCCB)
 - Starters / Contactors / Overloads / Heaters
 - MV & LV Fuses
 - Relays
 - Switches / Pushbuttons / Lamps
 - Motor Parts
 - Circuit Breaker Parts
 - MCC Bucket Parts
 - MV & LV Switchgear Parts
 - VFD Parts



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