

# MAXIMIZING PLANT PERFORMANCE AND REDUCING COSTS

# CANDU SERVICES

AECL's CANDU Services group offers high-quality services and products to maximize CANDU® station performance. Our CANDU Services team provides customers with unparalleled knowledge of CANDU technology, global experience and project management expertise. We partner with customers to develop effective solutions that optimize performance and extend plant design life—helping to reduce operations and maintenance costs.

## Our customer commitment:

Our goal is to provide optimum value to customers through cost-effective services—delivered on time and on budget. We invite customers to talk with us about our risk-sharing models.

We recognize that listening to customers and tailoring our work to client needs is paramount. In emergency situations, our customers depend on our demonstrated fast and effective response. We constantly monitor satisfaction levels through our enhanced customer feedback process, with a focus on continuous improvement.



*This 3D scanner is a recent CANDU Services customer-driven innovation.*

## Innovation:

Our customer driven innovations have resulted in the development of leading-edge, new products and services that enhance plant performance including:

- 3D scanning
- Emergency Core Cooling Strainer
- Low Void Reactivity Fuel (LVRF)
- SYSTMS™ (SYstematic approach for the development of STrategy for Maintenance and Surveillance) a user-friendly software tool

**For more information, contact us at (905) 823-9040 or visit us online at [www.aecl.ca](http://www.aecl.ca)**



*Our CANDU Services team provides customers with unparalleled knowledge of CANDU technology.*

## Our areas of expertise include:

- **Engineering**
  - reactor
  - fuel handling, process
  - safety analysis and licensing support
  - electrical and control & instrumentation
  - plant computers
  - civil
  - design drafting
- **Field Services, Specialized Equipment and Spare Parts**
  - fuel channel and reactor core inspection and assessments
  - fuel channel replacements
  - feeder inspections and replacements
  - fuelling machines, fuel handling equipment & spares
  - PHT Pump Seals
  - SLAR
  - ECC Strainers
  - obsolescence and reverse engineering
- **Plant Life Management (Life Cycle Management)**
- **Steam Generator Services**
  - primary side cleaning
- **Waste Management and Decommissioning**
- **Tritium and Heavy Water Services**

*The LVRF fuel bundle – leading-edge technology.*

