Technical expertise and practical experience

Tetra Tech is an experienced, full-service consulting and engineering firm providing support to the energy industry around the world. Nuclear power is a vital component to the world's energy future. Tetra Tech’s nuclear power practice provides multidisciplinary engineering and consulting services, including engineering, procurement, and construction (EPC) services; asset management; project management; and technical expertise in nuclear security, condition assessments, and nuclear plant programs.

Tetra Tech supports the entire nuclear project life cycle, from mining through waste management.

Engineering Studies and Design
- Conceptual studies and design requirements
- Preliminary and detailed design
- Radioactive waste management

Project and Construction Management
- Project management
- Work planning
- Procurement
- Field engineering and commissioning

Asset Management and Equipment Reliability
- Plant programs (security, fire protection, and environmental qualification)
- Preventative maintenance optimization
- Condition assessments and aging management

Tetra Tech is a leading provider of consulting and engineering services, with more than 50 years of experience in the nuclear industry.
The Tetra Tech Advantage

- More than 50 years of experience in the Canadian nuclear industry
- A full range of services for individual projects and across the nuclear life cycle
- Expert technical knowledge and practical experience
- Ability to respond to critical demands on short notice
- Subject matter experts in engineering design, operations, maintenance, and project management
- Knowledge of nuclear regulatory requirements, key stakeholders, and business processes

Company Facts:
Employees: 17,000
Revenue: $2.8 billion (FY 2017)
More than 400 offices worldwide

Key Projects
Tetra Tech has provided engineering services for numerous nuclear facilities for key clients in Canada, such as Ontario Power Generation (OPG), Cameco, Bruce Power, Canadian Nuclear Laboratories, and the Nuclear Waste Management Organization.

Bruce Power
Tetra Tech is supporting engineering executing design projects for Bruce A, B, and MCR projects. Tetra Tech is providing engineering services to Bruce Power for both permanent and temporary modifications to supply electrical power for various construction activities during Unit 6 MCR outage. Tetra Tech also was contracted to provide project engineering staff and services to Bruce Power as part of the field team lead contract with PMC.

Darlington Nuclear Refurbishment
Tetra Tech is providing engineering services to OPG in support of its refurbishment project, including feasibility studies and assessments; conceptual, preliminary, and detailed design; and engineering support through procurement, commissioning, and closeout phases for various projects.

Pickering and Darlington Nuclear Generating Station
Plant Design Engineering Support
Tetra Tech is currently providing engineering services to OPG’s Plant Design Engineering group, reducing the backlog of engineering-related work order holds. Tetra Tech is helping OPG address equipment reliability and obsolescence issues through deliverables such as technical specifications, design briefs, and design packages to remove the holds and allow key maintenance work to proceed.

Pickering Nuclear Generating Station Asset Management Studies
OPG selected Tetra Tech to perform system and component-level condition assessments in support of Pickering NGS’ end of commercial operations. In addition, Tetra Tech is providing various assessments and recommendations to support the transition of the station into its scheduled Safe Storage State.