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## **Bruce Power NUCLEAR POWER PLANT-DESIGN UPGRADES**

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**PROJECT NAME:** Bruce Power  
Design Upgrades

**PROJECT ADDRESS:** Tiverton, Ontario, Canada

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### **PROJECT DESCRIPTION:**

Design modifications to various systems were necessary in order to satisfy requirements of the station's environmental qualification program. RCMT provided the required support to one of Canada's largest power generating sites to enable restart of Bruce Power's Nuclear Generating Stations – Units 3 and 4.

RCMT was recognized at the Power-Gen International conference for the role it played in the restart of the two units. The restart recently earned Bruce Power a Project-of-the-Year award at the 2004 Power-Gen International conference held in Orlando, Florida. The award honors projects that are well managed, demonstrate innovative processes and procedures and which are completed on time and within budget.

The modifications were prepared in the form of Design Change Packages, typically requiring definition and development of the work scope, obtaining appropriate approvals, identifying design parameters, performing walkdowns, preparation of the required design change documents, and specifying new material to be procured.

In addition to these engineering and design requirements, RCMT was also responsible for the material procurement and construction activities associated with the implementation of these modifications.