# L3 MAPPS Refurbishment Activities for the CANDU Fleet

## DCC and Peripherals Upgrades and Replacements
- Full Digital Control Computer (DCC) System Replacements
- SSCI-890 CPU and Controllers Upgrades and Replacements
- DCC Display System Upgrades and Replacements
- PDP-11/D CPU and Display Controller Upgrades and Replacements
- I/O System Upgrades and Replacements
- Contact Scanner Replacements
- DCC Software Development Test Bench
- Spare Parts and Services

## Other CANDU Plant I&C Replacements
- Shutdown System Trip Computer Replacements
- Display/Test Computer Replacements
- Reactor Regulating System Logic Module Replacements
- Other I&C System Reverse Engineering Replacements
- Spare Parts and Services

## Simulator Overhauls
- Platform Upgrades
- Plant Model Modernizations
- DCC Emulations
- Severe Accident Simulation
- Control Room Panels and Instrumentation
- “Second” Simulators
- I/O System Replacements
- Spare Parts and Services

## Our CANDU Customers

### Canada
- Bruce A
- Bruce B
- CANDU Energy, a member of SNC-Lavalin Group
- CANDU Owners Group
- Darlington
- Gentilly-2
- Pickering A
- Pickering B
- Point Lepreau

### Argentina
- Embalse

### China
- Qinshan Phase III

### Korea
- Wolsong

### Romania
- Cernavodă

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