AECL: Leading Canada's Nuclear Industry

AECL leads Canada's nuclear industry. Through its "CANDU Business", AECL develops, designs and markets CANDU power reactors, MAPLE research reactors and MACSTOR waste storage facilities, and manages the construction of nuclear reactor projects worldwide. The corporation also supplies support services for power and research reactors. The Wolsong Project in Korea—four CANDU 6 reactors—has returned more than $1 billion to the Canadian economy.

As well, five other CANDU units have been constructed overseas, and three more units are currently under construction in China and Romania. These, along with recent large MAPLE and MACSTOR projects, are also having a positive economic effect in Canada. Significant new commercial opportunities are currently being pursued, in a [illegible]y competitive global marketplace.

Advanced nuclear technology, developed in programs based at the CNF, will be of critical strategic importance to Canada in the twenty-first century. They will contribute to Canada's global competitiveness, having a positive effect on the Canadian economy through export revenues, job creation and enhancement of the GDP.

AECL's CANDU projects have a positive effect on Canada's economy. Two CANDU 6 reactors are currently under constuction at the Qinshan Phase III site in China.

Business Highlights

1974

[illegible]ECL makes [illegible]ts first international CANDU 6 sale.

1983

CANDU wins seven of the top 10 places for lifetime performance among the world's reactors.

1987

CANDU wins one of 10 awards for the top Canadian engineering achievements of the past century.

1995

The HANARO research reactor, incorporating AECL's MAPLE core design, starts up in the Republic of Korea.

1998

Eleven 700 MWe class CANDU 6 reactors, designed by AECL, are operating or under construction on four continents.

Total CANDU Reactors: 34