

## Management Model

The CNF will require a management structure that emphasizes the facility's national character and is representative of all stakeholders. For example, one could

envisage a Management Authority with Directorates responsible for Reactor Operations, CANDU Facilities and the Neutron Beam Laboratory.

## Decommissioning

AECL and NRC will produce a detailed CNF Decommissioning Plan for the AECB. This will be based on a 40-year operating life for the CNF, followed by a 70-year decommissioning period.

Experience gained in the decommissioning planning for the MAPLE 1 and MAPLE 2 isotope reactors at Chalk River will provide an invaluable template for the CNF Decommissioning Plan.

For the CNF reactor building, including the reactor, beam hall and enclosed equipment, a two-phase decommissioning process is envisaged. The first phase would be immediately following facility shutdown, and the second phase 30-40 years hence. From MAPLE 1 and MAPLE 2 planning experience, a CNF decommissioning provision with a present value estimated in the range of \$60 - 80 million (1998 \$) would cover future facility decommissioning including fuel disposal. This will be detailed in the formal licensing submission.

*AECL has experience in decommissioning of earlier research reactors and prototype power reactors.*

