

- A CNF Project, planned to begin in 1999, would have a projected reactor start-up in 2005. The total estimated cost for the reactor and program facilities is \$388 million. The CNF reactor is estimated at \$208 million; CANDU development facilities are estimated at \$90 million, while the neutron beam facilities are \$90 million.
- Operating costs for the CNF are estimated at \$14.2 million annually, about half those of the current NRU research reactor. Operating costs for the CANDU programs will be about \$30 million annually. The operating costs for the CNF Neutron Beam Laboratory are projected to be \$8 million annually when the operation is mature in 2006/07. Operating funds will be contributed by the CNF owner/operator, the CANDU Program, and by the Beam Laboratory operator, respectively.
- AECL and NRC will produce a detailed CNF Decommissioning Plan for the AECB. 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, and will be detailed in the formal licensing submission.
- With a strategic investment in the CNF, the federal government can lay the foundation for a revitalized materials research infrastructure to support innovation, knowledge and productivity for Canada.