

Project Schedule

The CNF project schedule for the reactor and CANDU facilities has an estimated duration of 72 months, and encompasses major activities in engineering, safety and licensing, procurement, construction, installation, and commissioning. The NRC Beam facilities will be completed by month 96.

A risk analysis was carried out for the concept first developed in 1994, and it defined the major areas of uncertainty associated with both cost and schedule. Since 1995, AECL has carried out a pre-project program that focused on these areas of uncertainty. This will reduce the level of funding that the full project would need to set aside for risk and contingency. The present schedule

reflects the advances made and the risk management activities planned during the pre-project phase.

The schedule for obtaining a construction license was identified as a major schedule uncertainty. Consequently, a key pre-project activity has been an up-front licensing process with the AECL. This is focused on reaching agreement before project start that there are no fundamental barriers to licensing the CNF. A companion activity was to define the scope and consequent schedule of the environmental assessment that must be completed to confirm the acceptability of the CNF siting. Together these two initiatives have reduced the schedule risk associated with licensing.

CNF Project Milestones

Engineering Funding Approval	Month 0
Construction License Approval	Month 30
Construction and Installation Complete	Month 60
Nuclear Commissioning Complete (CNF and CANDU facilities)	Month 72
Beam Instrument Commissioning Complete (NRC Beam facilities)	Month 96