

## **OPG Assessing Feasibility of Refurbishment for Pickering B**

Ontario Power Generation has begun a business case to assess the full extent of work required to potentially refurbish the Pickering B Nuclear Generating Station and extend the operating lives of the units.

The Pickering B Nuclear Generating Station was constructed in the 1970s. It is comprised of four - 516 MW CANDU reactor units (net electrical). It has been operating since 1983 and could continue to safely operate for almost another decade before requiring refurbishment.

The business case goal is to develop an objective, fact-based assessment of the feasibility of refurbishing Pickering B for life extension and continued operation to approximately 2060.

The process for developing the business case assessment will be extensive. It will examine the safety, environmental, financial and logistical feasibility of life extension. Building on extensive industry experience in nuclear plant life extension and continued operations, the assessment will consider current plant conditions, refurbishment scope of work and refurbishment costs, as well as future operating costs and production levels will be considered. In addition, the Canadian Nuclear Safety Commission (CNSC) has indicated that before any life extension project proceeds, it will require assurance that the facility meets appropriate standards for safe and secure operation over its anticipated operating life.

This systematic, thorough review by OPG's management and Board of Directors will culminate in a decision on refurbishment, likely in 2008.

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