



Refurb Report



May 9, 2008

Refurbishment Outage Begins

We have just completed the sixth week of our refurbishment outage at the Point Lepreau Generating Station. As our timeline indicates, we are nearing the end of Stage 1 of our three-stage outage: Stage 1 – Station Shutdown and Defueling, Stage 2 – Executing the Outage and Stage 3 – Commissioning and Return to Service.



Stage 1 – Station Shutdown and Defueling

Since the refurbishment announcement in August 2005, our focus has been on detailed engineering designs, scheduling, getting the right people in the right place at the right time and bringing in the necessary supplies. It was critical that all of this work be done in advance of the outage start date so that we could hit the ground running when the outage began on March 28, 2008.

Our current focus is on defueling the reactor core by removing all 4,560 fuel bundles from the 380 channels before we turn over the fueling machine vaults to AECL so that they can begin retube activities. As of today, we are 95 per cent complete with 363 of the 380 channels defueled.

Another big undertaking is the work being done to overhaul the main generator. While most of the maintenance will be performed on site, last week the main rotor began its journey to the United Kingdom for rewinding. The rotor, a very large piece of equipment at 155 metric tonnes and over 28 metres long, will be shipped via a transatlantic vessel to the Siemens Power Generation factory in England, where it will be overhauled.



One final note – it is truly remarkable to see the team in place at the Station working together to make this project happen for the people of New Brunswick. You can feel the energy when you are onsite – more than 900 people working together. Before we know it, 18-months will have passed and New Brunswickers will once again be able to enjoy safe, reliable, clean nuclear power.