



Powering THE FUTURE

POINT LEPREAU REFRUBISHMENT

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Point Lepreau Generating Station (PLGS) Refurbishment Project Update

The Refurbishment outage is fast approaching with only four months remaining. NB Power, along with Atomic Energy of Canada Limited (AECL) and supplemental staff, continue to focus on the task at hand and are committed to working safely.

"We are very pleased with the progress of the Refurbishment Project at this time," said Rod Eagles, Refurbishment Project Director. "All of our staff and supplemental staff are working well together to achieve our goal of a successful outage."

The following activities are currently on-going:

- Engineering activities with AECL continue to progress
- Procurement of key refurbishment materials is underway. Manufacturing qualification on end fittings and calandria tubes is progressing
- Integration testing of the retube tooling is well underway at the manufacturer
- The retube tooling is starting to be packaged and shipped to the AECL office in Saint John, N.B., where the mockups and tooling will be set-up for detailed training of the retube staff

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Regional Vice-President

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Business Manager with the
International Brotherhood of
Electrical Workers (IBEW) Local 37



Some members of the PLGS Refurbishment Project team, who work closely with station staff in preparing for the upcoming refurbishment outage.



Énergie NB Power

Nucléaire Nuclear



- Refurbishment Project Engineering, Construction and Commissioning teams are working closely together to achieve the most effective outage organization
- Preparation of the site infrastructure for the project implementation is in progress including parking, construction trailers and site access improvements
- Preparation of the detailed outage plan to include activities by all contractors is continuing to be refined by the AECL and NB Power planning team
- Public consultation is on-going and includes initiatives such as public information sessions, media briefings, the PLGS Community Liaison Committee meetings, newsletters and the Powering the Future website (<http://poweringthefuture.nbpower.com>)

For further information or updates, please visit the Powering the Future website at <http://poweringthefuture.nbpower.com/en/Default.aspx> or contact Katherine French, Communications Officer, at (506) 638-5309.

DID YOU KNOW? POINT LEPREAU GENERATING STATION (PLGS) FACTS

- PLGS is Atlantic Canada's first and only nuclear generating station
- PLGS was the first CANDU 6 in the world to achieve commercial operation (1983)
- PLGS was the first commercial nuclear power plant to perform a test irradiation of CANFLEX fuel bundles
- PLGS has been ranked 12 times as a world leader for its lifetime capacity factor
- In 2001, PLGS achieved the ISO-14001 designation for environmental management. The station has always maintained a strong environmental program for all aspects of its operation
- PLGS is an important component of NB Power's diversified fuel supply, supplying approximately 30% of in-province load
- The upcoming refurbishment outage, beginning in spring 2008, will be the first refurbishment of a CANDU 6 reactor in the world and will extend the life of the station for an additional 25-30 years

EMPLOYEE PROFILE:

Martin Boucher

Implementation Safety Manager NB Power Nuclear



When considering the Point Lepreau Generating Station Refurbishment Project, a quick look outside of the administration offices tells us that even though the plant only shuts down in April of 2008, preparations are well underway. It is very exciting to see the amount of activities that have been undertaken at the station, including the construction and commissioning of new structures at the Solid Radioactive Waste Management Facility (SRWMF), construction of the new site office building, the

modification of the old administration building and the construction of a walkway to name a few.

Construction activities such as excavations, formwork and steel work present some unique challenges from regular maintenance work. In addition, we will see hundreds of supplemental staff on site during the outage completing activities involved with refurbishing the Station.

Martin Boucher, a Canadian Registered Safety Professional with 19 years of experience in health and safety at NB Power, has joined the PLGS health and safety team as Implementation Safety Manager. Martin, along with his team of safety professionals with many years of experience in construction and project related work, will be working directly with the station's highly skilled radiation control and conventional safety team.

This team's main focus is to ensure that a high standard of health and safety is maintained during refurbishment activities. They will continue to review all elements of health and safety and enhance elements where necessary to meet this standard. As an example, plans are well underway to create a unique interactive site orientation program. This has the potential to significantly raise the level of awareness related to human performance which ultimately reduces the likelihood of incidents occurring at the station.

CONGRATULATIONS

*NB Power Nuclear staff recently achieved over one
This is the fourth time the Point Lepreau Gen
Ensuring safety in everything we do provides safe*

CORPORATE PROFILE: ATCON Industrial Services

Refurbishment activities at the Point Lepreau Generating Station remain on target due to the efforts and contributions from key New Brunswick suppliers like ATCON Industrial Services of Miramichi, N.B.

ATCON Industrial Services' Machining Division is the largest capacity manufacturing facility in eastern Canada. The division is manufacturing key fuel channel training mock-up components for Atomic Energy of Canada (AECL).

ATCON delivered seven mock-up assemblies to AECL in 2006. A second order of an additional assembly is slated to arrive at the Saint John, N.B., training facility in Fall 2007. These mock-ups are being used in AECL's test facilities in Ontario to prove-out the capabilities of the 'retube tooling' and for personnel training. In Saint John they will be used in the training of refurbishment staff for replacing fuel channels at the Point Lepreau Generating Station.

ATCON is a diversified group of industrial-based companies with more than 2,000 employees working in Canada, the U.S. and Europe. Their group of companies focus on five primary sectors: heavy construction, energy, steel fabrication and machining, environmental products and services and manufactured wood products.

ATCON Industrial Services supports the nuclear industry as a qualified supplier of machined and fabricated components. The facility has been approved by AECL and is ISO 9001-2000 certified. The new relationship being formed with AECL is a good illustration of the type of successes that ATCON is counting on to fuel its future growth.

"The timely completion of the fuel channel mock-up components is a demonstration of ATCON's commitment to our industry and to the completion of the refurbishment project safely, on time and on budget," said David Scott, Regional Vice President, CANDU 6 Retube/Refurbishment. "We, at AECL, place great emphasis on high quality speciality tooling for training our employees. Wherever possible, it has been our policy to utilize New Brunswick firms who provide quality services."

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DAVID SCOTT REGIONAL VICE-PRESIDENT

On September 6, 2007, AECL announced the appointment of Mr. David Scott as Regional Vice-President, CANDU 6® Retube/Refurbishments, effective immediately.

Based in Saint John, N.B., Mr. Scott will be responsible for developing AECL's Centre of Excellence for Retubing. The Centre will be the focal point for managing, training and delivering CANDU 6 Retube/Refurbishment projects as part of AECL's growing CANDU partnership with the Province of New Brunswick. "By immediately opening the Retubing Centre of Excellence in Saint John, we will capitalize on the expertise already developed in New Brunswick for the Point Lepreau Generating Station Retube Project, and support current and future CANDU 6 projects worldwide," stated AECL's Chief Operating Officer Ken Petrunik. "Our partnership with NB Power and our successful refurbishment work at the Point Lepreau Generating Station supports making our Saint John office the centre of refurbishment for the CANDU 6 fleet."

Mr. Scott joined AECL in 1974 and over the years has gained extensive experience with CANDU design and operations. Most recently, he was General Manager of Reactor Core Projects, managing CANDU 6 refurbishing projects.

1,000,000 NS!

*million person-hours without a lost-time accident.
Generating Station has reached this milestone.
e and efficient electricity for New Brunswickers.*



For more information
on the Point Lepreau
Refurbishment Project
visit our website at
<http://poweringthefuture.nbpower.com>
or call our toll-free
project information line at
1-866-754-7727.



A MESSAGE FROM

Ross Galbraith

Business Manager with the International Brotherhood of Electrical Workers (IBEW) Local 37



In just four months, we will begin the refurbishment outage at Point Lepreau Generating Station (PLGS) and with all the hustle and bustle going on around the station as we make the final preparations for the outage, it can be easy to forget that less than two and a half years ago, we were still fighting to make sure PLGS would even have a future!

That was then, and this is now. Not only are we just about to begin the refurbishment outage, the government has also authorized a feasibility study to examine the potential for building a second unit, and

AECL is developing a retubing Centre of Excellence in Saint John. What a difference in such a short time period!

The simple fact is, it is the strength and quality of the workforce that exist at NB Power and the support of the local communities that have created these opportunities for us.

Having said that, it is also a fact that refurbishment is going to present a lot of challenges for staff to meet. The focus will shift from our normal operations mode to one that is more like a construction project. There will be hundreds of supplemental staff on site, and in many cases, their activities will take precedence over the work of regular station staff. There will be congestion and line ups, and there will undoubtedly be other issues.

As a result, I want you to know that I, along with Assistant Business Manager Gary Munn, and Point Lepreau IBEW Executive Board members Sue Dunham; Peggy Galbraith; Cathy Shea; Doug Wallace and IBEW Unit Chairperson Don Dickson, have been meeting regularly with the Point Lepreau management team, specifically to discuss refurbishment, so that we can share information and proactively deal with any issues that arise. The bottom line is that both the IBEW and NB Power are committed to a successful refurbishment; the people of New Brunswick are counting on us and we will deliver.

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CORPORATE PROFILE: ATCON Industrial Services

Khalil Asal, General Manager of ATCON's Machining Division, is proud of the business relationship that has been developed with AECL. Khalil believes the contracts with industry leader AECL will lead to more work for ATCON. "We view nuclear as the growth engine for our division. The work that we are doing for AECL is an excellent fit for our facility. We feel that we have the expertise and experience to deliver timely solutions to the newly revitalized nuclear sector". Khalil further added: "We are actively developing added capabilities to our facility to be able to take advantage of future opportunities".