

MARCH 2024

From THE Point

STATION NEWS
FOR THE COMMUNITY

PLANNED MAINTENANCE OUTAGE AT THE POINT LEPREAU NUCLEAR GENERATING STATION STARTS ON APRIL 6

Spring is outage time at NB Power and as you read this, you may be noticing an increase in traffic as contractor vehicles and tradespeople make their way to our site for the spring maintenance efforts.

Planned maintenance outages are an important aspect of our commitment to providing safe, reliable, and environmentally responsible electricity generation.



Énergie NB Power

SAFETY AND QUALITY IS PARAMOUNT

Safety is the top priority and rigorous protocols and procedures have been implemented to ensure safety for all the workers and the public as well as quality in the work that will be performed.

Regulatory requirements and standards are also set by the Canadian Nuclear Safety Commission to ensure the highest levels of safety and environmental protection.

PLANNED MAINTENANCE OUTAGE STARTING APRIL 6, 2024

While focusing on maintaining reliable operation throughout the New Brunswick home heating season, the NB Power team is carefully planning for the upcoming Point Lepreau Nuclear Generating Station (PLNGS) planned maintenance outage that is scheduled to begin on April 6, 2024, for a period of approximately three months. Some of this important maintenance work can only be done at a time when the plant is offline so that the equipment can be disassembled, inspected, cleaned, repaired and, where necessary, replaced.

Over the past years, a dedicated Outage Team have been following a meticulous assessing process in order to determine and finalize the maintenance work activities for the 2024 outage.

The team has been preparing for several years including the completion of a detailed outage schedule, ordering required parts and materials, securing contracts with external support agencies, and delivering specific site training to workers and supplemental staff. Most of these parts and services come from right here in New Brunswick, contributing to our local economy.

WORK ACTIVITIES

Crews will be conducting over 25,000 work activities on both the nuclear and conventional sides of the Station including:

- Inspections of the steam generators that are located in the reactor building (nuclear side) and inspections of the turbine and electrical generator (conventional side).
- Inspections of a selection of reactor pressure tubes. These baseline inspections will allow NB Power to continue to operate safely and to meet the Canadian Standards Association (CSA) requirement for mandatory inspection and condition surveillance to ensure the equipment is performing as expected.
- Installation of a new primary heat transport pump and motor. The heat transport pump is a 9000 horsepower vertical, centrifugal motor-driven pump which brings the heat produced by the reactor to the steam generators.

All of this work represents a significant investment in the long-term health and reliability of PLNGS. Much like maintaining a house, ensuring the optimal performance of our Station through regular maintenance gives the best return on investment for all stakeholders.

In the days that follow the planned maintenance outage, post-maintenance testing and regular run-up activities will progress until the plant reconnects to the grid and returns to high-power operation.



PEOPLE ARE OUR STRENGTH

While we have a dedicated team of skilled workers at the Station, certain maintenance tasks may require additional human resources or specialized skills that are not readily available locally. Workers with specific trade and /or skillsets come from across New Brunswick and other parts of the country to help with this effort. This team of nuclear professionals and their unwavering commitment to Safety and Quality will make this outage a success.

OUR COMMUNITY *Thank you for your continued support*

It's no secret that Point Lepreau and its surrounding communities hold a special place in the hearts of many, not only for its natural beauty but also for the sense of community that is demonstrated here.

We often hear from individuals, who travel from various parts of the country to work at the Station, about the positive experiences they have had while staying in the area. From friendly conversations at local establishments to acts of kindness extended by neighbours, the sense of belonging and camaraderie they feel here is unparalleled. Your willingness to embrace newcomers and make them feel at home speaks volumes about the character of this community.

Thank you for your continued support in helping us generate electricity and in doing so, helping to power the lives of the people who live and work in New Brunswick.

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