



Supplementary Information

Presentation from the Saint John Naturalists' Club Inc.

In the Matter of the

**New Brunswick Power Corporation,
Point Lepreau Nuclear Generating Station**

Application for the renewal of NB Power's
licence for the Point Lepreau Nuclear
Generating Station

**Commission Public Hearing
Part 2**

May 10 10 12, 2022

Renseignements supplémentaires

Présentation du Saint John Naturalists' Club Inc.

À l'égard de la

**Société d'Énergie du Nouveau-Brunswick,
centrale nucléaire de Point Lepreau**

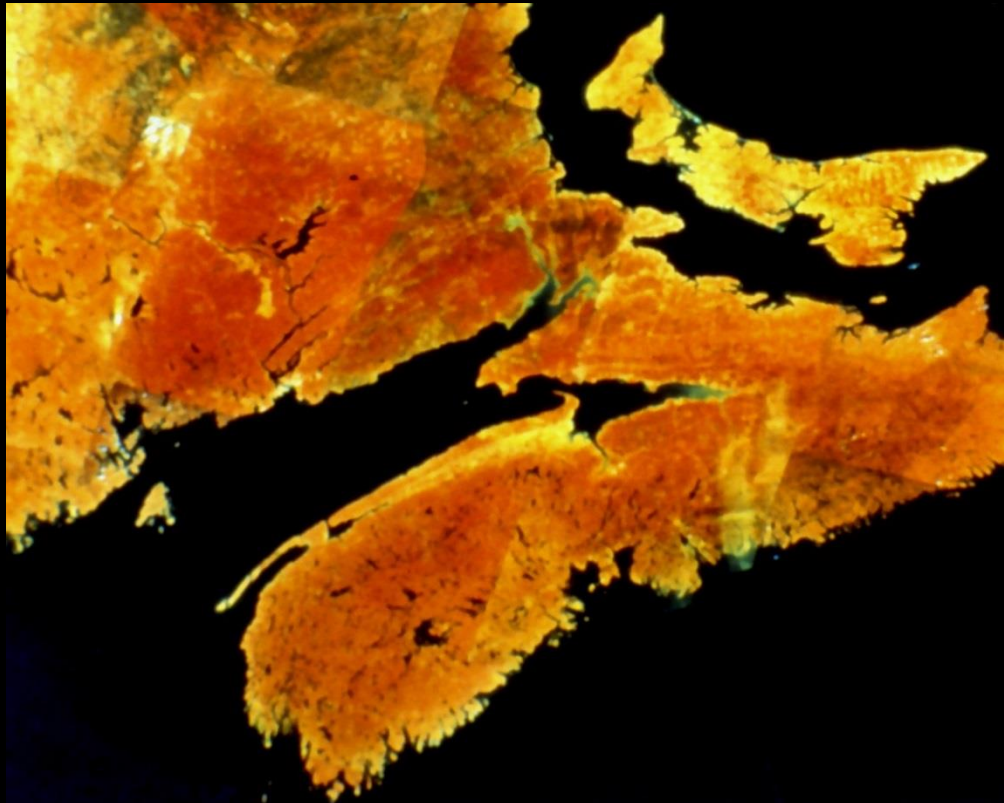
Demande de renouvellement du permis
d'Énergie NB pour la centrale nucléaire de
Point Lepreau

**Audience publique de la Commission
Partie 2**

10 au 12 mai 2022

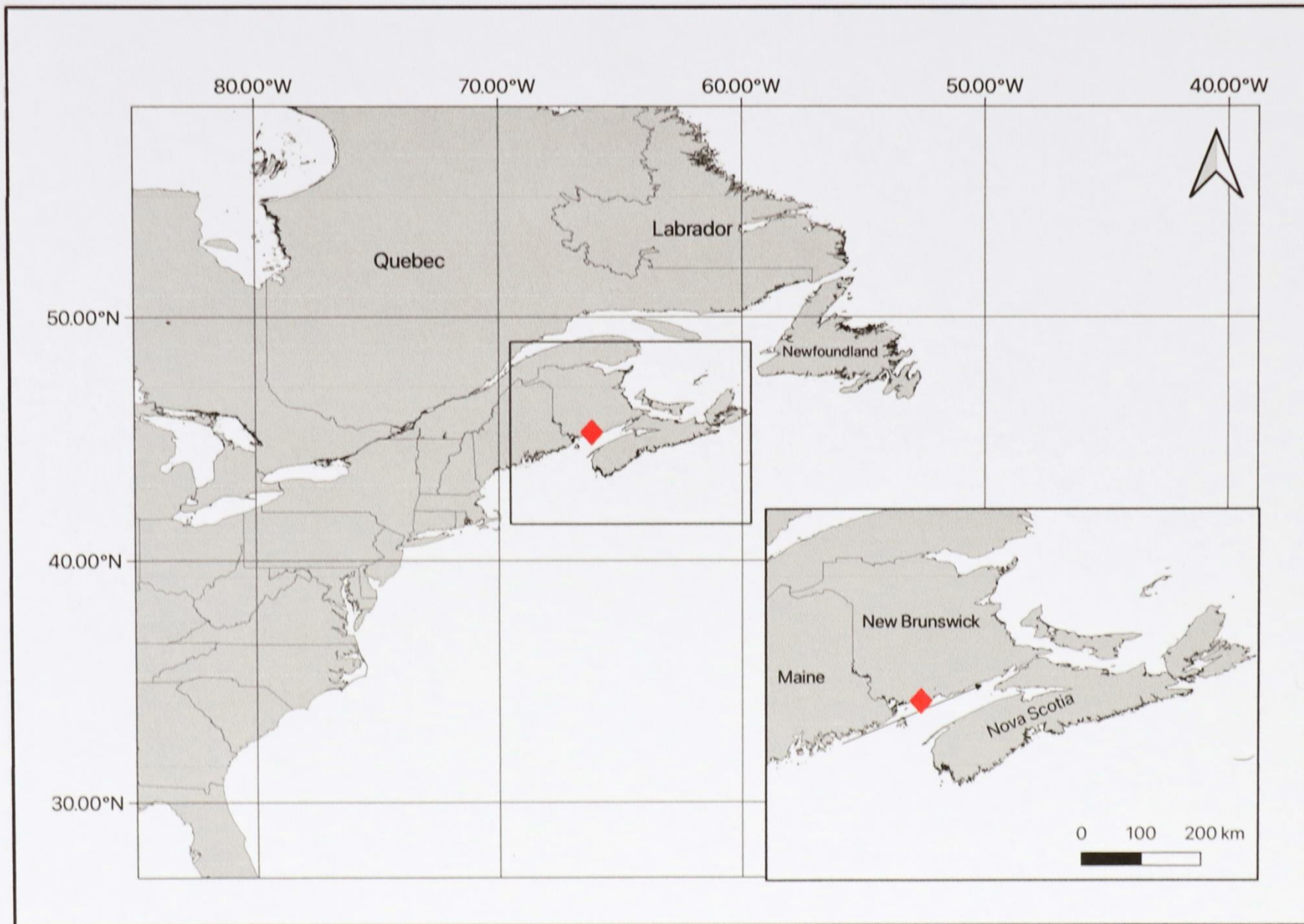
The Saint John Naturalists' Club

Point Lepreau Bird Observatory









◆ Point Lepreau Bird Observatory



Common Eider ducks

Important Bird Area



In 2001 Point Lepreau & Maces Bay were designated a globally significant Important Bird Area by Bird Life International, in recognition of their critical importance to large numbers of migrating seabirds. This site now part of an internationally-recognized IBA network.



2011 MONARCH WATCH TAGGING

PAGE 1 OF 8

TAGS PURCHASED/RECEIVED FROM: MONARCH WATCH - UNIVERSITY OF KANSAS

PHOTOCOPY THIS SHEET IF NECESSARY; YOU MAY ALSO DOWNLOAD IT FROM OUR WEBSITE - WWW.MONARCHWATCH.ORG

TAGGER NAME: JIM WILSON

PLEASE RETURN ALL COMPLETED DATASHEETS AND

ADDRESS: 2 NECK ROAD

UNUSED TAGS BY DECEMBER 1, 2011 TO:

CITY, STATE, ZIP: QUISPAMISIS, NEW BRUNSWICK, CANADA

MONARCH WATCH • UNIVERSITY OF KANSAS

PHONE AND/OR EMAIL: 506-847-4506 / j.wilson@net.nb.ca

1200 SUNNYSIDE AVENUE • LAWRENCE, KS 66045

Tag Code (6 symbols)	Date (mm/dd/yy)	(M)ale/(F)emale	(R)earred/(W)ild	Tagging Location (City, State, Zip)
Example: PTA 123	09/15/11	F	W	Lawrence, KS, 66045
PBA 525	09/4/11	M	W	QUISPAMISIS, NEW BRUNSWICK CANADA!
PBA 526	09/4/11	F	W	↓ ↓ ↓
PBA 527	09/7/11	M	W	↓ ↓ ↓
PBA 528	09/16/11	M	W	↓ ↓ ↓
PBA 529	09/16/11	F	W	POINT LEPREAU, SAINT JOHN NEW BRUNSWICK, CANADA
PBA 530	09/18/11	F	W	POINT LEPREAU, SAINT JOHN NEW BRUNSWICK, CANADA
PBA 531	09/18/11	M	W	QUISPAMISIS, NEW BRUNSWICK CANADA.
PBA 532	09/16/11	F	W	↓ ↓ ↓
PBA 533	09/16/11	M	W	POINT LEPREAU, SAINT JOHN NEW BRUNSWICK, CANADA
PBA 534	09/18/11	M	W	↓ ↓ ↓
PBA 535	09/18/11	M	W	↓ ↓ ↓
PBA 536	09/18/11		W	↓ ↓ ↓
PBA 537	09/18/11		W	↓ ↓ ↓
PBA 538	09/18/11		W	↓ ↓ ↓





ONE TEAM. ONE PLAN.

EVERY TASK. EVERY DAY.

InBusiness



Hon. Jocelyn Roy-Vienneau, 2017



Hon. Brenda Murphy, 2020

Certificate of Appreciation

Congratulations! A monarch butterfly tagged by

Saint John Naturalists' Club

as a part of Monarch Watch's large-scale mark and recapture study of the monarch's migration was recovered/sighted after its release.

Tag Code: RAT-935

Tag Date: August 30, 2012

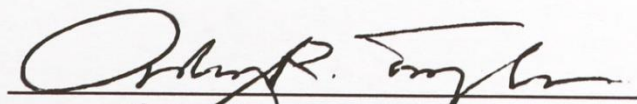
Tag Location: Point Lepreau, New Brunswick, Canada

Report Date: February 27, 2013

Report Location: El Rosario Sanctuary, Mexico

Distance Traveled: 4,251 kilometers (2,642 miles)

Your cooperation helps to further our knowledge of monarch butterflies!



Chip Taylor, Director
Monarch Watch



www.MonarchWatch.org

Goldenrod





Final Report of the PLBO Planning Sub-Committee
“Findings, Ideas and Recommendations”
Fall 2021

Executive Summary

For more than 25 years, the Point Lepreau Bird Observatory (PLBO) has been gathering and recording research-grade migration and population data on a number of species of seabird - species that Canadian Wildlife Service and US Fish & Wildlife consider to be important indicators of the health of ecosystems between the Eastern Seaboard of the US and the boreal forests of Canada. PLBO data has been used in several research papers and is in the process of being made available online and free of charge as part of Canadian Wildlife Service’s Canada Digital Data library.

PLBO’s observatory building is owned, operated and financed by volunteers from the Saint John Naturalists’ Club (SJNC) with access through the site of NB Power’s Point Lepreau Nuclear Generating Station. The annual cost of operating the observatory, including the cost of the Official Observer, is currently just over \$10,000. This does not include the approximately \$15,000 value that could be attributed to the average of 750 hours of volunteer time per year.

This Sub-Committee strongly believes that PLBO’s work, in addition to being vital in assessing seabird populations in North America, plays an important role in monitoring the environmental health of the Bay of Fundy. The Sub-Committee also believes that continuing this work under PLBO’s current structure, which is highly dependent on a single volunteer, is unsustainable.

The Sub-Committee believes that SJNC should (i) investigate obtaining charitable status for PLBO, (ii) identify a long-term sponsor for PLBO, likely from one of the entities with a strong commercial and/or conservation interest in the Bay of Fundy and (iii) contract an Observatory Director to manage day-to-day and year-on-year operations. This report explains why the Sub-Committee has come to these conclusions and, in addition to making several recommendations on operational aspects, lays out a path to achieving these goals.



Female and male Black Scoters in breeding plumage

Black and Surf Scoter ducks are nowhere near as well-known as their Mallard cousins who inhabit almost every city park, but they are an important indicator species for the health of several ecosystems between the Eastern Seaboard of the United States where they over-winter and the boreal forests of Canada where they raise their young – including the Bay of Fundy. Black Scoter is the most abundant seabird counted annually at the PLBO.