



Preserving Canada's Nuclear Heritage NEWSLETTER

No. 6

November 2020

Deep River, ON

Society continues to advance despite pandemic constraints

The Society has continued to make steady progress since our last newsletter in May.

On June 29, AECL President Richard Sexton and CNL President Joe McBrearty toured our interim storage facility at 51 Poplar St. in Deep River. We have since updated our strategic plan in preparation for discussions with AECL and CNL about future long-term relationships among the organizations.

Despite the limitations imposed by the COVID-19 pandemic, Society members continue to give safe tours. Visiting groups in September included the Seniors Friendship Club (two groups!) and the staff of the Deep River Public Library. Due to a serious leak at 51 Poplar, Canadian Nuclear Laboratories has had the roof replaced. As well, the doors in the rear of the building are slated to be replaced in the near future so we can bring larger artifacts into the building.

The Society's Annual General Meeting was held on Zoom on October 7. The Board reported on progress and the proposed next steps. The members approved the financial statement, approved minor changes to the By-Laws and renewed the Board membership. Documents from the meeting are posted on our website.

On October 20, Morgan Brown presented a virtual Zoom seminar celebrating the 75th anniversary of the first criticality of ZEEP organized with the Deep River Branch of the Canadian Nuclear Society.

Jim Ungrin continues to write his series of articles in the North Renfrew Times on the artifacts and photographs entering our collection. We have now contributed 50 stories, which are also saved on our website for your perusal.

We have recently submitted an application to the Canadian Museum of History for a substantial grant to create the bilingual virtual museum part of our overall objectives.

We have begun issuing monthly email updates to Society members to keep everyone better informed and to invite them to help with current projects.

We are currently working towards producing SPCNHI merchandise.

How you can get involved

We are currently looking for help to:

- Catalogue, research, and write the history of individual artifacts
- Clean up, repair, organize artifacts for display
- Prepare library displays
- Do minor building maintenance
- Assist with running our website
- Help write articles for the website, newspapers and newsletters
- Investigate options for a permanent home
- Prepare grant requests and reports, and contact potential sponsors to put sustainable funding in place

If you belong to a group that would like a tour of 51 Poplar, or would like to have a Society member make a presentation on our activities, contact Michael Stephens (613-584-9210) or Jim Ungrin (613-584-3055) to make arrangements.

SPCNH Executive

Michael Stephens	Board Chair, President
James Ungrin	Board Vice-Chair, Vice-President
Allan Symons	Membership
Morgan Brown	Secretary
Don Barrington	Treasurer
Tom Alburger	Cataloguer
Dave Cox	Director
Sourena Golesorkhi	Communications
Abra O'Leary	Public Affairs

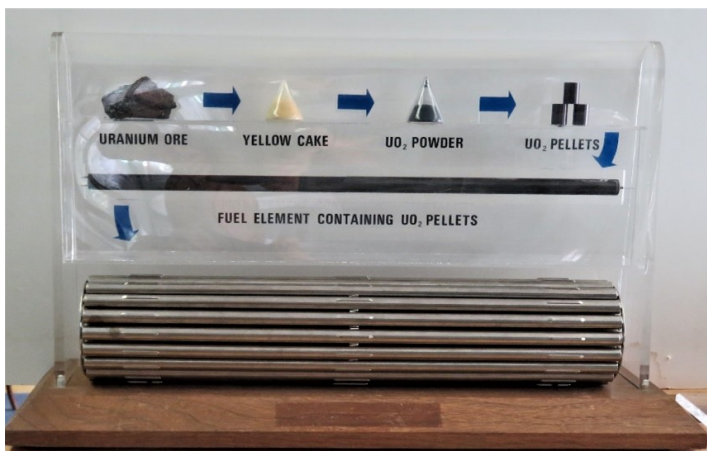
New Items in our Collections

In our third year of activity, our collections continue steadily to expand. We now have more than 450 documented artifacts, over 990 catalogued books and pamphlets, and over 20 linear m of documents awaiting archiving. Items we have recently received include:

- one of the solid rocket booster seals, developed with significant AECL input, that were used in the US space shuttles, kindly donated by Northrop Grumman
- a “shadow box” illustrating the steps involved in processing uranium ore and fabricating CANDU fuel, along with two fuel bundles
- sections of test fuel sheath used in developing CANLUB fuel
- three research reactor “rabbits” (sample irradiation capsules from NRU and WR-1)
- a souvenir T-shirt and AECL report on the “Morning Light” operation to recover debris from the crash of the COSMOS-954 satellite in northern Canada
- a large collection of documents and vintage CRNL staff photographs from the estate of Iain Crocker

Items expected soon include:

- NRU calandria repair inspection tool
- 1940’s photographs and artifacts from Port Hope
- Models and fuel display from the NRX lobby



“Shadow Box” Display: Transforming Uranium Ore into a CANDU Fuel Bundle



NRU and WR-1 Sample “Rabbits”

If you have something you may be able to donate, please call Jim Ungrin (613-584-3055), Michael Stephens (613-594-9210), or Morgan Brown (613-717-1588).

We are particularly looking for:

- A dummy Pickering, Bruce or Darlington fuel bundle.
- Lab clothing (red underwear, respirator, tyvec suit, gloves).
- Artifacts from Health and Environmental Sciences, Chemistry and Waste Management.
- Artifacts and publications from all current and past AECL facilities, including Whiteshell Laboratories, Power Projects, Commercial Products, Prototype Power Reactors (NPD, DP, G-1), Port Hope, Glace Bay, etc.
- Artifacts and publications from CANDU sites in Canada and abroad.
- Canadian nuclear artifacts and publications from universities, mines and mills, industry, and other nuclear organizations.
- Canadian nuclear periodicals are important historical resources. Members and others have donated a number of issues, but there are many gaps in our collection, which you may be able to fill. See the list of titles and issues we need on our website.