

CHEMISTRY CLUB GOES NUCLEAR

by Kate Dixon

U.P.E.I.'s Chemistry Club undertook their first field trip of the year, when on Feb. 29th, the group visited the Point Lepreau Generating Station in New Brunswick. After leaving U.P.E.I. at 4:45 in the morning, the van arrived at the station by 11:00 a.m.

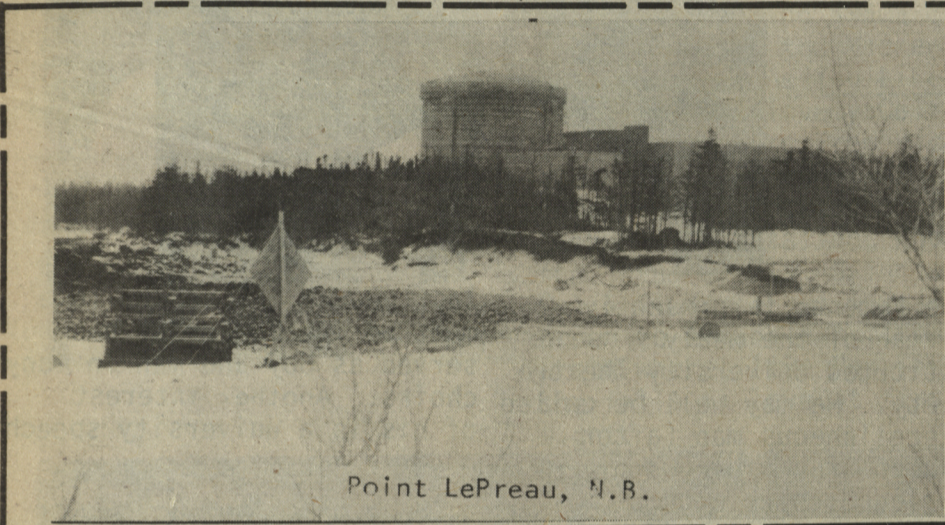
The site of the station is a treed, sparsely settled peninsula which projects into the Bay of Fundy; a huge, cylindrical reactor building dominates the site.

enough to store ten year's worth of used fuel bundles. At that time, either another pool will be built, or the fuel will be permanently stored elsewhere.

The next major structure that the group saw was the face of the calandria or the actual reactor. Into the 380 horizontal fuel channels of the calandria, giant fueling machines will push fuel bundles of uranium oxide, and simultaneously remove spent bundles. These processes occur while the



From left to right: Darlene McNevin, Geraldine Johnston, Jeff Szabo, Barbara Foster, Twila Shea, Janet MacKinnon, Dr. L.F. Loucks, Katherine Dixon, Bob Pharoah, Steve Dixon, Peter Wentzell.



Point Lepreau, N.B.

The tour began with the storage facilities for the end product of the nuclear process, the spent fuel bay. The water-filled bay, or "swimming pool", is large

reactor is "on power".

Throughout the tour, the guides emphasized the many safety features of the station; all the buildings on the site were designed to withstand

an earthquake of magnitude 7 on the Richter scale. The strongest previous earthquake in geologic history to occur in this area was on magnitude 6. The control room of the station will monitor every part of the process. There will be two safety shut-down systems in case of an emergency.

The tour took the group through the enormous building that houses the turbines and generators; this part of the plant is essentially no different from any other type of power plant. Cooling water for the turbines will

be obtained from the Bay of Fundy. Environmental studies have shown that a variance in discharged water temperature up to eleven degrees Celsius will not have a significant effect on the wildlife of the Bay.

The station will have a net output of 630,000 KW when completed, supplying one third of the energy needs of New Brunswick.

The members of the Chemistry Club owe Professor Loucks their thanks for spending his time and his patience to make the trip to Point Lepreau a success.



Letters



OBJECTIVITY?

Dear Sir,

On February 28th, the day which marked the beginning of the upcoming Student Union presidential campaigns, the SUN published an article featuring Philip Brown, a candidate for the position of President, as being a former student of Colonel Grey High School. This article, however, did not leave it at that. It included a format of his

policies and an obviously biased statement regarding his personality qualifications for this position. Also, the quote "Ivan Who" in the Rumor Hath It column and the comment in the article on Rory Beck as being a supporter of Brown are equally biased. Since Brown is a member of the SUN staff, and a recent one at that, the student body, who incidentally pay for this news-

paper, can only assume that the SUN has deteriorated into an instrument of campaigns.

Since the damage is already done, the SUN is obligated to feature an article on Ivan MacArthur, the other presidential candidate, in order to uphold the objectivity of journalistic standards that apply to any newspaper.

Yours truly,
Ginny Bulger

From the hysteria about the Pigs bad performance this semester, one is inclined to think that the S.U. is not too sure whether the Pigs main purpose should be to provide good entertainment for the students or a big revenue source. Therein lies the problem! I should imagine that the Student Union cannot make the Pigs fulfill both functions - at least not with the type of bands that play.
Sincerely
Chinedu Ibeanusi
311 Blanchard

THE PROBLEM WITH PIGS

Dear Editor,
PIG 'N WHISTLE FOR SALE EH!
The decline in attendance at the Pigs, to many, did not come as a surprise. For one thing, perhaps it is an eloquent testimony of the rejection of the only monotonous social event on the campus.

KEEP CIMN

Dear Editor,
This article is being written to give an optimistic look at the question "Should CIMN Continue?". During the past two years I have been a devoted reader of the UPEI Sun Newspaper. There are two articles which I will refer to.

