



mugwump
journal
By Bob Macmillan

To summarize the past year in a very short space has got to be the impossible dream. Many have dreamed for much more, but have received much less. So the Brunswickan has the answer for everyone's dreams. It is to publish a 48 page paper. This special edition will consist of 40 pages of regular Brunswickan features, plus an 8 page supplement. This supplement spoofs a local, or national, paper the way we see it. This years paper will be unlike anything you have ever seen. Last year we put out a paper that resembled the now defunct sun.

We will be looking for an abundance of news material, so if your club or organization would like to have some space for the opportunity to comment on your years activities then please forward any information to the Brunswickan office in the SUB. If your summary is type written then all the better, but if it is legible then no problem. We will be more than happy to print your article.

At this past week's SRC meeting a motion was passed that could cause a hassle for many of the other clubs and organizations at UNB. The motion allowed two SRC members to be present at all of CHSR's meetings. This move has the potential to spread out to other clubs, like the Brunswickan. This move can lead to censorship of the media. There can be no other just reason for the SRC to attend the meetings of CHSR. The SRC has the capability of observing all CHSR's spending activities. This has got to be the greatest threat to the SRC. The SRC has a copy of their constitution so they know what the radio station has the power to do, so their can be many questions asked as to why this motion went by. Although it was a close vote 11/9/2 it still happened. Please read the editorial to get a full understanding of this motion.

Just a special thanks to Beaver Foods for their kind gesture of giving us a bowl of milk for a kitten that we found. Thanks again.

Wednesday night's mishap at Keirstead Hall was the worst in a series of fires that have struck the building this year. We are not certain yet if the fire was the result of an arsonist, however, I find it strange that the blaze began in Dr. Nicki's office (room 208) while he was teaching a class on the first floor of Keirstead. I find it equally strange that another fire "mysteriously" started on a Bill Board directly across from the classroom shortly after the first fire began. If it is the "mad bomber", his or her little pranks are becoming dangerous.

Unfriendly atmosphere

Dear Madam:

Once upon a time there was a place where the students of UNB and STU could meet for lunch and intelligent conversation in the small but friendly confines on the sunny 3rd floor of the SUB. Members were assured that the move to the basement could only magnify this contentment. So, what happened? The new CHSC now generates an unfriendly atmosphere whose policies reflect no understanding of current social life on campus. The single 20" x 40" window hardly shed any light on this problem.

Why did the move take place; to provide enough room for the surplus ticket sales. The club is

never full now because of strictly enforced membership rules. The largest crowds are present when there is entertainment, which brings to mind another concern. I'm sure that there are enough talented musicians at this university that need money and could probably play for far less money, if given the chance, than the presently contracted acts at the club.

The CHSC should be operated in the interests of the students of this campus, and if a management that realizes this can't be found, a student body should form the management. Its your club.

A society of angry long-standing members

Dear Editor:

I am writing in regards to the letter that appeared in the Bruns of March 23, 1979 by Mr. John Rouse entitled, "NDP too small?"

I am sorry, John, if our party spends too much time in its concern about people but that is a great part of our platform. "People Matter More," is one of our main campaign slogans. I guess somebody has to look out for people since the other parties do not seem to be doing a very good job of it. All political parties have their vested interest and ours, my dear John, is People.

We, however, do not neglect the economic problems and in fact much of our present federal campaign is being run on economic issues.

We realize that really there is no shortage of investment funds in Canada. We saw in the fourth quarter of 1978 that profits of publicly owned firms in Canada were up by horrendous amounts (Globe and Mail, March 20, 1979). Some mines were up by 170 and 180 percent and the overall gain over fourth quarter 1977 figures was 46 percent. We have also seen that certain firms in Canada have been so hungry for investment opportunities that they have been buying out each other.

We have a problem here that can be dealt with if the government makes it a priority

and is willing to stand up to the powers of big business. We can prevent price grouping and the conglomeration of Canadian business.

Many of the economic forecasts of the NDP have proven to be true. One of these was that wage controls without price controls would mean a rise in inflation while wages lagged behind. This has been proven true.

One program of the New Democratic Party involves the Canadian Development Corporation being used properly to provide jobs in Canada. This Canadian Crown controlled corporation employs more people outside of Canada than within. It develops mines and other industries for Canadian multi-nationals in such hot spots of democracy like Chile and Nicaragua while costing Canadian jobs. One of these projects led to the lay-off of 350 workers in New Brunswick. Should this be allowed? The Canadian Development Corporation does not have one employee in the Maritimes! When a crown controlled corporation sets out to destroy our economy at the benefit of the multi-nationals the question must arise as to who controls the Canadian government.

These are some of the things that I am sure the NDP would be concerned about. Many economic programs have been tested in NDP

controlled provinces and work quite well. Despite the current business propaganda Saskatchewan has not had problems getting investors even though all investors will have the government (i.e. the people) as a partner. There are many innovative and good programs that can be tried if the government is willing to stand up to the multi-nationals. The NDP governments in our province have shown they are not afraid to do this.

The NDP has made many contributions to the people of Canada. It was a CCF (NDP's forerunner) balance of power that forced universal old age pensions on a Liberal government! It was the CCF who brought in the first medicare program in North America! It was an NDP minority that forced Petrocan on an unwilling Liberal government! It is ironic that this last item is being used as part of the Liberal platform.

We do have an economic program and it is a people oriented program because that is who has to live with the decisions of government. The multi-nationals and large Canadian conglomerates at present exert too much control. They are the vested interest of the two old line parties. We have, of course, our own vested interest: people.

Lester Brown
BBA 3

'People matter more'

MARCH 30, 1979

sound-off

Nuclear vs. wood burning

Dear Editor:

Although Steve Heckbert's article "Nuclear Energy at Point Lepreau" was presumably not intended as an in-depth analysis of our energy options, he did advocate building wood-burning generating stations to replace those fired with non-renewable resources such as oil, coal and uranium.

I amused myself for an hour or so by working out some of the implications of this, and your readers might be interested in what I found. Consider the Saint John area alone.

1. DATA

There are three generating stations near Saint John, namely Courtenay Bay, Coleson Cove and Point Lepreau. Together they will have a net electrical output of 1900 MW. To produce it requires an input of 6120 MW of thermal energy, or 20,900 million BTU/h (MBTU/h).

A mixed cord of hardwood, freshly cut, will provide roughly 20 MBTU.

2. ANALYSIS

The number of cords required per hour is 20,900 MBTU/h equals 1045 20 MBTU/cord cords/h equals 17.4 cords/minute (or 64 cubic metres a minute)

The capacity of a typical pulpwood flatbed truck is 6 cords. Therefore we need 3 trucks/minute or 20 seconds between truckloads!

If the average distance from Saint John to the point of loading

is 200 miles (corresponding to a point roughly halfway between Fredericton and Chatham), and if we assume that the trucks average 40 mph, the journey will take 5 hours. Since we 3 trucks/min or 180 trucks/h, we will require 900 trucks. This means that there will always be 1800 trucks on the road, 900 loaded and 900 coming back empty. If we assume that each driver works a 40 hour week, or 2000 hours per year, the number of drivers required is: 1800 x 8760 h/y / 2000 h/y equals 7884

Assume that the trucks are diesel powered. Fuel consumption is roughly 5 miles/gallon. On an hourly basis, each truck will require 40 mph/5 mpg equals 8 gallons/h. The fleet will therefore consume 1800 x 8 equals 14,400 gallons/h (or 3 1/2 million barrels per year).

With a fuel value of 175,000 BTU/gallon, this corresponds to a consumption of 2520 MBTU/h or 738 MW of thermal power. If this fuel were used to produce electricity in Coleson Cove the electrical power generated would be 240 MW.

Since dried or at least partially dried wood would increase efficiency, it would be advantageous to stockpile the wood for about a year before it is burnt. At 1045 cords/h, we need to stock 9.2 million cords. If we stack the wood by the cord and lay them end to end, we have a pile of wood 4 ft x 8 ft x 3,000 miles. Not very

practical. If we stacked them 10 feet high in a field of 100 yds by 100 yds, we'd need 1300 such fields.

I am told that a good man can cut 3 cords of wood per day. For safety reasons, let us assume that we only cut wood during the daytime, but that we can cut every day. Each man works 5 days per week, or 50 weeks/year or 250 days/year, cutting 750 cords/year. Therefore we need 9.2 million/750 equals 12,300 men to cut the wood.

Presumably the trucks would be loaded mechanically. Assuming each loader can handle the production from 10 cutters, we need 1230 men to load the trucks. With another 1230 to unload them and feed the wood to the burners, we now have 12,300 wood cutters, 2460 loaders and 7884 truck drivers. This is a cost of 22,644, and doesn't include the skilled men needed to maintain all the equipment. If we were to stockpile the wood, we'd need more men still.

N.B. Forestry experts tell me that the current N.B. hardwood stands amount to 165 million cubic metres. The allowable annual cut is 2.6 million m³, equivalent to 718,000 cords per year (i.e., the wood is assumed to grow back at this rate). With a need for 1045 cords/h, the fuel would be available for 687 hours per year, or just less than 29 days. Of course this assumes that N.B. Power gets

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