

# \$ 1,000,000 worth of pollution

This is the first of two articles on the Central Heating Plant, opened in December. The old campus-located plant caused much controversy because of the polluting problem it presented. The second part is on pollution from the new building.

White smoke drifts out of the stack at the newly constructed one million dollar Central Heating Plant located on Montgomery street.

Black smoke and debris gushed out of the old heating plant located on campus.

Although the old plant was built in 1958 at a cost of \$600,000, it has been operating at almost full capacity for the last couple of years, with no room for expansion. The new plant is not as great a pollutant mainly because it is large enough to have efficient com-

bustion. With proper combustion enough air and steam is mixed with the oil to supply oxygen to burn all the oil with little wastes.

An estimate of the ultimate development of the campus grounds from the lower entrance gates to the trans-Canada Highway was used in designing the building.

The plans were formally begun in 1969 and at that time it appeared that a new Frederickton city hospital would be built on University property at the corner of Regent St. and Montgomery St. The hospital was allotted 30,000 to 40,000 pounds of steam per hour. The Research and Productivity Council on Montgomery St. will eventually connect to the heating plant, and plans are in the offing for the Fire Station to hook on.

The Montgomery Street Co-ops have a separate heating plant, but will eventually join the central plant. The Co-op was considered in the original estimate, but since construction of the Co-op began before the Heating Plant, a separate heating system had to be installed.

The Central Heating Plant presently steam heats all the University of New Brunswick buildings, Saint Thomas University and Teacher's College.

Besides the \$1,000,000 spent on the building itself, another \$400,000 was spent on underground connections with the existing pipes.

A system of underground tunnels inter-connects all the buildings to carry the pipe lines. There is one large pipe carrying the hi-pressure steam to the radiators in the buildings and a smaller pipe bringing the

condensate back to the plant.

These tunnels are about eight feet high and five feet wide and leave ample space for the maintenance department to check and repair the pipes. Saint Thomas, keeps the doors to the tunnel locked to prevent couples from taking strolls along the pipe lines, according to one of the service men.

The water used by the plant is re-cycled and city water is only added when the water level gets low. The water is purified to protect the pipes from rust, pitting and scale build-up. The waste is stored and gradually diffuses and so does not have to be discarded.

An \$18,000 control panel of graphs and dials allows the operator to always know what

the machines are doing. Most corrections are made by pneumatic - air-operated controls. The water level, for example, is maintained automatically. For problems like low oil supply or disorders needing the care of a craftsman, an electric alarm rings until the problem is solved.

When a technical problem arises in the functioning boiler, it is turned off and the other boiler carries the load. Although the pipes clear of steam in half an hour, no difference in temperature can be detected in the building for several hours because of residual heat in the building.

## From page 1 SRC Meeting Burdened With Trivia

Throughout the discussion councillors shouted back and forth at one another; calling one another names and making vain attempts to conceal their mirth.

The Constitution Committee Chairman then made three proposals with regard to the powers of the President. The committee advanced that the President should assume the duties of the finance chairman. This motion was defeated. The committee then proposed that the President present a bi-weekly report of his activities in connection with his position on the SRC. This motion was passed.

Most of the discussion centered on the proposal of veto powers for the President. The chairman of the Constitution Committee said that he was "adamantly opposed to the President of the SRC having the power of veto." Rick Fisher, the Business Rep on the SRC asked Stevenson, the chairman, to read the motion verbatim. "I did read it verbatim for God's sake!", said an exasperated Stevenson.

At this point, the whole meeting erupted in raucous laughter. After the noise subsided, debate continued on the question of the Presidential veto. Many councillors disagree with the motion, whose only proponent was the President, Stephen MacFarlane. "Everyone has the right to disagree unless they're wrong," commented an enlightened MacFarlane, who was correcting an erroneous statement made by a councillor.

Speaking on the proposal itself, Rick Fisher said that he regarded "these four (referring to the President, Vice-President, Comptroller, and Finance Chairman) as very honest." The laughter began again.

The Vice-President, Don Olmstead, immediately rose to his feet and took a bow, acknowledging Fisher's compliment. "Thank you", he said, laughing.

Fisher went on, stating that other executives in the past hadn't been so honest. MacFarlane interjected, stating that Fisher was inaligning an old friend. He requested "a point of poersonal privilege" from the chairman of the meeting, stating that he had been insulted by Fisher's remark.

"Correction," said Fisher, "friends."

Once again the room heaved with merriment.

"Have you got that, Edison?" shouted Vice-President Olmstead to the Brunswickan reporter at the back of the room.

After the council resumed at least reasonable sensible discussion, the Comptroller, Jim Muir stated that he "fundamentally" disagree with the motion. "Jim has spoken exactly how I feel about it" commented Finance Chairman Fenety.

Jim Love, a councillor, foresaw the day where the President might be elected by acclamation, and would have enormous power.

Some difficulty arose over the interpretation of the motion. Some councillors saw the motion in one light, others interpreted it differently. Vice-President Olmstead explained the motion to council.

Fisher interjected, saying "But that is interpreting it your way."

"Right,!" shot back Olmstead, without realizing what he had said.

Council burst into laughter (again) over the paradox.

At this point the meeting was interrupted when President MacFarlane was called to the door. They stopped, waiting for the President to return to his seat.

Finally the chairman could wait no longer. "Would you close the door please, or come into the meeting?" he questioned. The President then returned to his seat.

With the resumption of the meeting, councillor Stevenson attempted to continue his report of the Constitution committee, but couldn't

"What was I saying?" he queried. Finally he remembered his place in the report, and resumed.

Before the final vote was taken on the motion, some difficulty arose over the lettering of the motions. (ie m and o) "I object, Mr. Chairman," said MacFarlane emphatically. "Its going to be impossible to read the minutes if you screw around with the letters like that." The now common and acceptable laughter erupted once more.

The meeting broke up shortly after.

## NOTICE

At the S.R.C. meeting of January 17 the Constitution Committee Chairman gave Notice of Motion for the following Constitutional Amendments:

1. That Articles 4(a) (1), 4(b) (5), 4(c) (1), and 4(c) (3) of the Constitution be repealed.
2. That Article 4(b) (1) of the Constitution be amended to read:

(1) The President, who shall have completed at least one year at a recognized University before running for office. The President may not succeed himself.

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