

SECY.

Ottawa Valley

(CHAPTER)

I. Paterson

PRES.

Send blue copy, together with white form on chapter attendance record, to Membership Division, ASHRAE United Engineering Center, 345 East 47th Street, New York 17, N. Y.

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.

A CHECK LIST OF ITEMS TO BE REPORTED

- 1. PRESIDING OFFICER
- 2. CALL TO ORDER (TIME & PLACE)
- 3. ROLL CALL
- 4. APPROVAL OF MINUTES
- 5. REPORTS
- 6. ELECTION MEMBERS OFFICERS
- 7. OLD BUSINESS
- 8. NEW BUSINESS
- 9. SPEAKER (TITLE) (BUS.) (CITY) SUBJECT
- 10. DISCUSSION
- 11. MOTIONS
- 12. RESOLUTIONS
- 13. OTHER FEATURES
- 14. LIST ON SEPARATE FORM NAMES OF GUESTS AND BUSINESS ADDRESSES AND MEMBERS IN ATTENDANCE.

The regular February meeting of the Chapter was held at the Cathay Restaurant on Tuesday, February 18, 1964 with President, Ian Paterson presiding.

The meeting was called to order at 7:00 p.m. with 46 members and 6 guests in attendance.

The minutes of the January meeting were read by the secretary.

Motion by Victor Hossack, seconded by Bob Legare "that the minutes be accepted as read" - motion carried.

W. W. Miller was thanked by President Paterson for his efforts in the organization of local curling bonspiel at the Hunt Club last month.

The Regional Conference Chairman, Bill Robinson, reported more progress by his committees and announced that one of the events on the entertainment programm had been arranged. This would be a Dinner-Dance at the Hunt Club on Friday, May 8, 1964. All members were asked to make note of this date and plan to attend.

President Paterson announced that Dr. Ruptash had been notified of our Chapters intent to once again offer a grant to Carleton University students for a technical paper on a Heating, Ventilating or Air Conditioning topic.

President Paterson read an invitation and outlined the details of the Ontario Chapter Annual Technical Semminar to be held in the Park Plaza Hotel in Toronto on their regular meeting day of April 6, 1964. The topic is "Energy Concepts for Buildings of the Future".

President Paterson presented the National ASHRAE Financial Statement to the Chapter members. Following the usual break Al Oakes introduced the guest speaker for the evening, Mr. R. T. (Bob) Tamblyn.

Mr. Tambllyn's topic was "Air Conditioning of Schools" and during his talk he outlined the results of some research programmes on the value of environmental control of classrooms. In general it would appear that the increase in learning efficiency in the controlled environment school would pay for the additional cost of mechanical equipment involved.

Mr. Tambllyn outlined in more detail some schools where they have been directly involved in design and illustrated some of the concepts by slides.

Mr. Tambllyn extended his talk for the evening to discuss the internal source heat pump for commercial buildings that he and his firm promoted in the past months. In brief the concept is to transfer the heat from the interior of a building to the exterior by the heat pump principal. During the night and peak periods of heating, electrical energy is used but within the power limits of peak demand. Energy costs as low as 47 cents per million BTU up to 86 cents per million BTU's are reported. The higher value is for a system not having a storage tank heat accumulator.

The speaker was thanked by Charlie Watson.

Motion by Terry Allum seconded by Soli Dudash "that the meeting adjourn" -- motion carried. Meeting adjourned at 10:00 p.m.

CHAPTER ATTENDANCE RECORD

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.

CHAPTER Ottawa Valley
SECRETARY G. Goodkey
DATE February 18, 1964

ATTENDANCE: MEMBERS 46
GUESTS 6
TOTAL CHAPTER MEMBERS _____

Return this form to Membership Division, ASHRAE, 345 East 47th Street, New York 17, N. Y.

CHAPTER GUEST ATTENDANCE RECORD

Guests are requested to give their business addresses in full

NAME	COMPANY	STREET	CITY
Jack Wright			Toronto
John Mikulec	American Air Filter		Montreal
Frank Mallozzi	A. A. F.		Montreal
H. N. Jackson	Eclipse		Toronto

Use other side if necessary