

SECY.

Ottawa Valley

(CHAPTER)

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.

I. Paterson

PRES.

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 November meeting of the Chapter was held at the Cathay Restaurant on Tuesday, November 19, 1963 with President Ian Paterson presiding.

The meeting was called to order at 7:05 p.m. with 46 members and 6 guests in attendance.

Mr. McKeen acted as Recording Secretary in the absence of Secretary Goodkey. The minutes of the October 15th meeting were read.

Motion by Tom McLorg seconded by Bob Legare "that the minutes be accepted as read" - motion carried.

President Paterson reviewed the Fall Golf Tournament and declared it a big success.

Bill Robinson reported as chairman of the Regional Conference. Committee chairmen have been appointed. A big job lies ahead for these people and he urged the chapter members to give their assistance and support when called upon.

Don McKeen reported that the Christmas Party arrangements are made for Tuesday, December 17, 1963. Tickets will be available at \$4.50 each.

President Paterson introduced Dr. Neil Hutcheon who spoke briefly on a renewed effort by the National ASHRAE Society to meet the commitments of the United Engineering Center Fund. The Engineering Building in New York has been constructed at a cost of \$13,000,000.00 and a large number of engineering societies have contributed to a joint building fund. ASHRAE is the only member society that has fallen far short of its obligations to the fund. The local Ottawa Chapter has contributed only 35% of the established quota and this portion has come from less than 25% of the membership. Dr. Hutcheon requested the chapter members to reconsider their individual obligation to this matter. To meet our quota individual donations must average \$15.00 per member.

President Paterson introduced the appointments to the 1963-64 Nominating Committee as follows:

Charles Watson
Ed Scheonherr
Warren Miller
Ev Loen

President Paterson introduced W. W. Miller who is in charge of our local Curling Committee and is arranging a local Bonspiel for next February.

President Paterson congratulated our local curling team which entered the Toronto Bonspiel on November 15th and came back with the trophy for the second year in a row.

Following the usual break period, J. Klassen introduced the guest speaker, Mr. T. G. Gerendas, the Associate Director of Applications of Frigistors Limited, Montreal.

Mr. Gerendas was a last minute replacement for Mr. K. Keen who was the scheduled speaker but was unable to attend.

The topic was "Thermo Electric Cooling" and a presentation was made in three parts; namely principles, applications and devices or types. General advice was given on what equipment is available and its limitations and what might be expected in the future.

Although many believe the equipment to be a laboratory toy thermo electric systems are practical and fully developed at this time. The biggest problem is the lack of mass production which creates a high price for the system of components. Canada has become a leading country in thermo electric development.

Presently thermo electric systems are used for small storage unit coolers in the half to two cubic foot size and for other special uses where conventional systems are not practical.

Mr. Gerendas stated that thermo electric systems will not replace conventional refrigeration systems but will supplement them.

Following a question and answer period the speaker was thanked by Mr. Noel Kirby.

Motion by J. Dugan seconded by R. Soderland "that the meeting adjourn -- motion carried.

Meeting adjourned at 10:00 p.m.