

M I N U T E S  
of the Fifth Meeting  
of  
The Canadian National Committee on Illumination  
held at the National Research Council  
Ottawa  
21 October, 1960

PRESENT:           Mr. J. W. Bateman  
                  Mr. J. M. Chorlton  
                  Mr. G. E. Davidson  
                  Mr. W. F. Elliott  
                  Dr. W.E.K. Middleton   (President)  
                  Mr. G. A. Watters  
                  Dr. G. W. Wyszecski   (Secretary)

GUEST:            Dr. C. L. Sanders

ABSENT:           Mr. G. D. Mills

1. Call to order

The president opened the meeting at 10:10 a.m. with all members present except Mr. Mills, who earlier had phoned the secretary to advise that because of other business, he might not be able to be in Ottawa in time for the meeting. Dr. Sanders was invited by the president and secretary to attend this meeting as a guest.

2. Minutes of last meeting

After the secretary had read the minutes of the last meeting, Mr. Davidson proposed an amendment to correct the content of the last few lines of page 2 of the minutes. The correct version reads as follows:

" . . . Mr. Chorlton, together with D.M. <sup>Finch</sup> Frick  
(from the U.S.A.) and H.F. Davidson (from Canada)  
on 'The Effect of Reflected Glare on Visibility'  
and . . . "

With this amendment, the minutes were adopted unanimously by the committee.

3. Secretary's report

The secretary gave a brief report on the major items of business which had arisen since the time of the last meeting of the committee.

- a) The annual fee of \$272 has been paid by NRC to the treasurer of the CIE.
- b) The following persons appointed at the last meeting to represent the CNC at various CIE committees have

accepted their appointments:

Miss M. G. Currie (E-4.1.1)

Mr. M. Galbreath (E-3.2)

Dr. J. C. Ogilvie (E-1.4.2)

Dr. Sanders' acceptance to serve on E-1.3.2 and S-1.2 had already been obtained at the last meeting.

Mr. Wright (E-3.1.9.2) was replaced by Mr. Frick from CBC at the special request of the Canadian Broadcasting Corporation. This change was unanimously approved by the committee in a letter ballot sent out by the secretary in February, 1960.

Mr. Frick's mailing address is as follows:

Mr. D. Frick,  
Plant Department,  
Canadian Broadcasting Corporation,  
Box 806,  
Ottawa, Ontario.

(Note: CNC members are requested to make the proper change in the "List of Delegates for CIE Expert Committees" attached to the last minutes.)

- c) The letter ballot sent out in February, 1960, also concerned a change in by-law No. 5, the last sentence of which now reads:

"There shall be an annual meeting in  
October of each year."

The committee adopted this change unanimously.

- d) At the request of the Public Relations Office of the

NRC, the secretary prepared a brief report on the activities and membership of the CNC which will be published in the NRC Review 1960.

- e) A new committee on the Colour of Signal Lights (E-1.3.3) was proposed by the Scope Committee of the CIE.

Mr. Chappat inquired whether Dr. Middleton or Dr. Wyszecski would be able to accept the chairmanship of this new committee. Both Dr. Middleton and Dr. Wyszecski declined this offer on the grounds that their present research activities are only vaguely related to the terms of reference of this committee.

- f) The Proceedings (4 volumes) of the CIE Congress held at Brussels in 1959 have been published. A number of copies have been purchased by the NRC and were distributed among the members of the CNC. Some single volumes were sent to other Canadian delegates appointed to CIE committees.

4. New Committee E-2.3

Dr. Middleton drew attention to a letter he had recently received from the Central Bureau of the CIE regarding a proposal by the Scope Committee to form (provisionally) a new Expert Committee E-2.3 on "Photometric Requirements of Luminaires". After a brief discussion, the committee agreed unanimously to this proposal. (Mr. Bateman's motion was seconded by Mr. Watters.) Mr. Davidson was appointed Canadian delegate to E-2.3.

5. Annual Fee Increase

With regard to an increase in the annual fee (see item 8 of the last minutes) the following decision has been made by the Central Bureau of the CIE:

The new rate of dues (increase from U.S. \$17 to \$22 per million inhabitants) would be applied only after the Vienna Session, and, in the meantime, it would be reduced to U.S. \$20. Consequently, the dues for 1961, 1962 and 1963 will be established on the basis of U.S. \$20 per million inhabitants.

No vote on this modified arrangement was required by the CNC.

6. New members for CNC

Dr. Middleton suggested that Dr. Sanders should be appointed a member of the committee. Dr. Sanders is actively engaged in the work of E-1.3.2 (Colour Rendering) and S-1.2 (Measurement of Light) and has become an Expert of E-1.3.2 in recognition of his work. Mr. Bateman's move to appoint Dr. Sanders to the committee was seconded by Mr. Elliott, and the committee agreed unanimously. The secretary will write to the National Research Council for formal approval of this appointment in accordance with the by-laws.

Mr. Chorlton suggested that the membership of the CNC should be further increased to obtain a wider representation of Canadians in the committee and thus to further the work of the CNC. After more discussion, particularly by

Mr. Bateman and Dr. Middleton who both reported on their past experience with large committees, it was agreed to increase membership slowly and only after it has been made certain that the risk of appointing "passengers" is small.

Mr. Chorlton also raised the question of whether it would be advisable to ask the IES to contribute to the annual fee now paid fully by NRC. He estimated that the IES would be prepared to contribute about \$60 annually. With such a contribution, a closer relationship between the CNC and IES might be established. Discussion on the matter, however, resulted in the agreement that no such approach should be made to the IES. It was felt that such an arrangement would be impossible to materialize administratively and very likely would not improve the effectiveness of the CNC.

7. Dr. Middleton resigns as president

Dr. Middleton proposed his resignation as president of the CNC, though remaining a member of the CNC, and suggested that Dr. Wyszecski become the new president and Dr. Sanders the new secretary. Dr. Middleton explained his proposal by pointing out that his research work has recently been diverted to the field of History of Science and consequently, has very little bearing on the work of the CNC. Moreover, it is very likely that he will leave the country in the not too distant future in order to carry out his new assignment.

Great regret was expressed by all members present and words of sincere thanks were spoken by Mr. Chorlton

for the important contributions Dr. Middleton has made to the formation of the CNC. Mr. Chorlton finally moved to accept Dr. Middleton's resignation, which was seconded by Mr. Bateman. After the committee agreed unanimously, a motion was made by Mr. Bateman, seconded by Mr. Watters, that Dr. Wyszecski become the new president and Dr. Sanders the new secretary of the CNC. The committee agreed on this motion unanimously. Dr. Wyszecski was asked to write a letter of thanks to Dr. Middleton and inform the National Research Council of these decisions, asking the Council for formal approval.

8. Canadian Standards Association

Mr. Watters pointed out that it would be highly desirable that an official representative of the CSA be included in the CNC. All members were very much in favour of such an addition. Dr. Middleton, however, reported that previous attempts to contact the CSA with regard to this matter have failed. A new approach would nevertheless be desirable. No decision was made by the committee on how this approach should be made.

9. Publishing work of CNC

Mr. Watters and Dr. Sanders pointed out that there is an urgent need to familiarize Canadians with the work of the CIE and CNC. After considerable discussion, during which all members agreed to publicize the CNC activities throughout Canada, two motions were proposed:

- a) Mr. Watters moved, seconded by Mr. Elliott, that a Press Release should be prepared to give notice of

this meeting of the CNC. The Journal of the IES should be included in this release.

- b) Mr. Bateman moved, seconded by Mr. Davidson, that a booklet be prepared outlining the activities of the CIE and CNC and distributed among Canadians concerned with illuminating engineering. About 1,500 copies would be required. Dr. Wyszeci was asked to prepare the first draft of this booklet.

Both motions were adopted by the committee unanimously.

10. Committee reports by CNC members

Mr. Watters submitted a resume on the work of committee E-3.3.1 and agreements reached by the committee. Mr. Watters also reported that he had given a talk on this subject before the CEA Lighting Section - Eastern Zone, which met on October 12, 1960, at Montreal. The president congratulated Mr. Watters for his fine report.

Dr. Middleton, Mr. Davidson, and Dr. Sanders briefly reported on the work of the committees to which they have been appointed delegates.

It was then pointed out that such reports should become a regular item on the agenda of the annual meeting of the CNC, and the following motion was made by Mr. Chorlton, seconded by Mr. Watters:

The secretary shall ask all Canadian delegates to regularly submit brief reports (abstracts) on the work of those CIE committees to which they have been appointed. The first of such reports shall be



submitted soon covering the period October, 1959, to October, 1960. Each succeeding report shall be submitted shortly before each annual meeting and shall cover the period of the preceding year. Copies of these reports are to be distributed among all delegates of the CNC, possibly together with the <sup>tentative agenda</sup> minutes of each annual meeting. *in order that the reports may be discussed at the annual meeting.*

11. Other business

Mr. Watters pointed out the desirability of including a representative of Western Canada in the membership of the CNC. He emphasized that illuminating engineers in the West are also very active, but there seems to be a very regrettable lack of contact between the East and West. This unfortunate situation was fully realized by all members of the CNC. At present, however, no helpful solution could be offered to the problem of having a suitable representative from the West added to the CNC. The problem was deferred to the next meeting.

Mr. Chorlton revived the problem of providing a Canadian chairman for the CIE committee on the Colour of Signal Lights, mentioned under item 3.e) of these minutes. He said that Dr. Guth particularly, as a member of the CIE Scope Committee, had strongly recommended that the CNC take over the responsibility for E-1.3.3. After some discussion of the matter, Dr. Middleton agreed to write to Dr. Guth explaining the circumstances which led him to

decline the chairmanship of E-1.3.3.

12. Adjournment

On a motion of Mr. Davidson, seconded by Mr. Bateman, the meeting was adjourned at 12:15 p.m.

*G. W. Wyszecski*

G. W. Wyszecski,  
Secretary.