

MINUTES OF THE 26TH ANNUAL MEETING OF THE
CANADIAN NATIONAL COMMITTEE OF THE CIE

Held in the Physics Building, National Research Council, Ottawa, 4th of November, 1981.

Present

Prof. W. Adrian (University of Waterloo)
Prof. M.G. Bassett (University of Toronto), President
Mr. W. Budde (National Research Council)
Mr. G.H. Cornish (City of Calgary)
Mr. G.F. Dean (Consulting Engineer)
Mr. D.W. Frick (Consulting Engineer)
Mr. R.E. Jennings (Public Works Canada)
Mr. B. Jordan (Paprican)
Mr. A. Ketvirtis (FENCO Consultants Ltd.)
Dr. A.W. Levy (Engineering Interface Ltd.), Secretary
Prof. P. Manning (Technical University of Nova Scotia)
Mr. S. Mahanti (D.W. Thomson Consultants)
Mr. S.W. McKnight (Westinghouse Canada)
Dr. H.F.L. Pinkney (National Research Council)
Dr. M. Rea (National Research Council)
Dr. A.R. Robertson (National Research Council)
Mr. G. Szeker (Philips Electronics Industries Ltd.)
Prof. R. White (Concordia University)
Mr. E. Wotton (Consulting Engineer)
Dr. G. Wyszecski (National Research Council)

1. Call to order and approval of agenda

The President opened the meeting at 10:00 a.m. The order of the agenda was approved. Apologies for absences had been received from those on attached list.

2. Minutes of 25th Annual Meeting

The Secretary read the minutes. Dr. Robertson moved that minutes be approved, seconded by Mr. Jennings.

NOT ATTENDING

Robert Day

Gary Albach

E.C. Rowsell ✓

Eric Thrun ✓

D. Trotter ✓

Z. Subotich ✓

D.T. Prohaska ✓

C.J. Courtney ✓

D.G. Pearce ✓

G.L. Snider ✓

R. Shortreed ✓

J.M. Chorlton ✓

Armand Lafontaine ✓

D. Hoogeveen ✓

E.C. Rowsell ✓

Irwin Davis ✓

V.A. McCullough ✓

T.C. Nutt ✓

P. Kaiser ✓

A.T. Orr ?

C. Labrecque ✓

G.E. Mulvey ✓

S. Fraser ?

3. Secretary's Report

The Secretary read his report, which is attached to these minutes. Professor Trotter (McGill University) will be the new Secretary in 1982.

The date of the Warsaw meeting is now 27th June to the 7th July, 1983.

The Secretary's report was approved, motion moved by Mr. Frick, seconded by Mr. Cornish.

4. President's Report, CIE Executive Committee

The report is attached to these minutes. Dr. Kerwin (President, NRC) had replied to the President's letter of 21st November, 1980 concerning the prospects for future lighting research in Canada. His reply was read to the meeting.

Dr. Wyszecski expanded on the re-organization of the CIE, indicating that a firm timetable had been set. National Committees will have between February and June to comment on the proposals. Their comments will be discussed at a CIE Board Meeting in New York City in August, 1982. A final decision is required before the Warsaw meeting.

Mr. Dean moved that the President's report be approved, seconded by Mr. Ketvirtis.

5. Reports from Delegates to CIE Technical Committees and Study Groups

The reports are attached to these minutes.

- T.C.-1.1. Mr. Frick announced his resignation. 1.1 is active but not in Canada. Brian Davey, Ontario Hydro, was suggested as the new Canadian delegate.
- T.C.-1.2. Verbal and written report from Mr. Budde.
- T.C.-1.3. Verbal and written report from Dr. Robertson,
- T.C.-1.4. Written report from Prof. Kaiser.
- T.C.-1.5. No report available.
- T.C.-1.7. Verbal report from Mr. Budde. Little activity reported nationally or internationally.
- T.C.-1.8. Verbal report from Mr. Szeker.

Information is being collected on light sources used in plant growth. Information has been sent to the chairman in Moscow.

A Canadian sub-committee may be formed in the near future.

Results of experiments concerning plant growth in the Arctic and in mine shafts were presented.

- T.C.-2.1. No report.
- T.C.-2.2. Verbal and written report from Mr. Budde.
- T.C.-2.3. Verbal report from Dr. Jordan. This committee is active.
A report on polarisation has been completed and balloted.
A report on gloss is being prepared.
The Berlin meeting was attended by Dr. Robertson.
- T.C.-2.4. Written report provided by Mr. Subotich.
- T.C.-3.1. Verbal and written report from Dr. Rea.
- T.C.-3.2. Verbal and written report from Dr. Robertson.
- T.C.-3.3. Verbal and written report from Mr. Mahanti.
- T.C.-3.4. Verbal report from Prof. Adrian. Written report to follow.
Prof. Adrian explained that lack of travel funds prevented his presence at a number of meetings outside of Canada.
- T.C.-3.5. Verbal and written report from Prof. Manning.
- T.C.-4.1. Verbal and written report from Mr. Dean.
- T.C.-4.2. Verbal and written report from Dr. Levy.
Prof. White reported on Dr. Ne'eman's visit to Canada, and Mr. Jennings reported on the meeting he attended in Granada, Spain.
- T.C.-4.3. Mr. Frick reported on behalf of Mr. Nutt.
- T.C.-4.4. Verbal and written report from Mr. McKnight.
- T.C.-4.5. Verbal report from Mr. Szeker.
- T.C.-4.6. Verbal and written report from Mr. Ketvirtis.
- T.C.-4.7. Dr. Pinkney reported on behalf of Mr. Subotich. A written report was provided.
A diagram of the various committees involved in automobile lighting was presented (enclosed).
- T.C.-4.9. No report.
- T.C.-4.10. No report.
- S.G.-1. Verbal and written report from Prof. White.

Information has been sent to the Chairman regarding the Canadian situation vis à vis Lighting Education and Information.

7. Matters raised by the CIE Central Bureau

Dr. Wyszecski reported on the Warsaw 1983 meeting. A request for photographs for a lighting exhibition and papers for the technical sessions was made.

8. NRC Office of Lighting Research

Dr. Wyszecski summarized the history and progress of the Office to date.

The R. & D. Experts Directory is now published and will be distributed to interested parties across Canada. The Office's budget remains small but a Research Associate position has been allocated.

No report was available from Prof. Kaiser's ad hoc committee, established at the 1980 Annual Meeting.

9. Appointments and Re-appointments

Prof. Trotter was appointed Secretary, effective January, 1982. All members were automatically re-elected to their Executive positions.

10. Other Business

Dr. Levy mentioned that his company was carrying out a technical and economic feasibility study on behalf of Public Works Canada concerning a national Testing and Evaluation Lighting Laboratory.

Dr. Rea informed the Committee that a Canadian Electrical Association fellowship in lighting had been established.

Dr. Pinkney outlined the status of the NAE lighting facility. (See enclosure.)

There being no further business, the meeting was closed at 16:40 hours.



A.W. Levy

AWL:ds


Secretary's Report to the
Canadian National Committee of the CIE

October 1981

1. The 1981 annual dues of \$2,338.00 (U.S.) for Canadian membership of the CIE were paid by the National Research Council in February of this year.
2. The administration of the purchase and sales of CIE Publications have been coordinated between Yvette Le-Breton (DBR/NRC), CISTI, NRC Publications and the Secretary. A copy of the current inventory is attached.
3. CIE Bulletin No. 40 and CIE Newsletter Nos. 13, 14, 15 and 16 were received from the Central Bureau and distributed to members.
4. Four new CIE Publications were announced this year. CIE Publication No. 50 (Proceedings of the 19th Session of CIE), No. 48 (Light Signals for road traffic control), IAU/CIE No. 1-1980 (Guidelines for minimizing Urban Sky Glow near Astronomical Observatories), No. 19/2 (An analytical model for describing the influence of lighting parameters upon visual performance).
5. A number of CNC/CIE members attended Lux Europa in Granada, Spain in April. During the conference CIE meetings were attended by Canadian delegates; their reports will be included in the annual reports of delegates as per the agenda.
6. Changes in the Chairmanships of the following CIE Technical Committees were as follows:
 - TC-1.2 Photometry and Radiometry
Dr. F. Rotter (Austria)
 - TC-1.7 Actinic effects of optical radiation
Prof. L.R. Ronchi (Italy)
 - TC-3.5 Visual Environment
Mr. E. Barthés (France)
7. The present secretary submitted his resignation to the President on March 5, 1981, expressing the desire to continue as a member of the CNC/CIE and as a delegate to TC-4.2 Daylighting.
8. A proposal was received from the Central Bureau regarding the re-structuring of the CIE in terms of the format of the quadrennial conference, the organization of technical committees and the prospects for a CIE Journal.

The President will report on the outcome of these proposals.

9. A request from the Canadian Society for Color to the CNC/CIE to publicize the CSC was agreed to and an article appeared in the CNC/CIE March 18, 1981 circular.
10. Invitations to attend the following conferences were received:
 - (a) "Common Convention on Lighting", Lugano, Switzerland
June 16-18, 1982.
 - (b) "Illumination - Power Economy" - 14-17 September, 1981,
Budapest, Hungary
11. The 20th CIE Session will take place in Warsaw, Poland between 15 and 23 June, 1983.
12. Argentina is now a member of the CIE.
13. New members: Mr. Brian Davey, Ontario Hydro
Mr. H.P. Gibault, City of Vancouver.


A.W. Levy,
Secretary CNC/CIE

Purchase and Sale of CIE Publications 1980 - 1981

<u>CIE Pub. #</u>	<u>Bought</u>	<u>Sold</u>	<u>In Stock</u>
2.2	-	0	1
8	-	0	0
9	-	1	4
12.2	-	1	12
13.2	3	0	3
14	-	0	0
15	-	1	31
15(Suppl.1)	-	0	151
15(Suppl.2)	-	0	17
16	-	0	3
17	6	1	3
18	-	2	10
19	-	1	4
20	-	0	4
21B	-	0	6
22	-	0	1
23	-	2	18
24	-	0	3
25	-	1	0
26	-	1	4
27	-	0	2
28	-	0	9
29	10	0	5
30	3	3	0
31	-	1	8
32A	-	0	12
32B	-	0	12
33A	-	1	12
33B	-	1	12
34	-	2	10
35	-	1	16
36	-	0	4
37	-	0	10
38	-	0	8
39	-	1	11
40	-	1	18
41	-	1	5
42	-	1	10
43	25	1	14
44	15	1	6
45	25	1	20
46	15	2	7
47	29	2	22
48	10	0	10
19/2	20	0	20
50	12	2	7
IAU/CIE No.1	12	0	12

Report of the President, CNC/CIE

November 4, 1981

1. At the annual meeting of the CNC/CIE held in October 1981, the President was asked to write to the President of the National Research Council, Dr. L. Kerwin, about the prospects for the future of lighting research in Canada. A letter was sent on November 21st, 1980 and a reply was received on December 9th, 1980. Dr. Kerwin assured us that R and D in light and lighting was being considered in NRC's detailed research planning for the next few years. He was pleased to hear that the CNC/CIE was forming an ad hoc committee to monitor the lighting research needs of the lighting community in Canada and looked forward to receiving input from us to help NRC with its future R and D plans.

2. A mid-term meeting of the Executive Committee of the CIE was held in May 1981 in Granada, Spain. The National Research Council very kindly supported my attendance at the meeting.

The proposed restructuring of the CIE was the major item discussed at this meeting, and it was very helpful to hear the views of all the other National Committees about the changes suggested. Many details of the proposals were very controversial and were to be discussed again by the Board of Administration and Action Committee before they were to be officially sent to the National Committees for their consideration.

Dr. Wyszecski has just returned from CIE meetings in Europe and will report on the present state of the negotiations.

There was also considerable discussion and controversy over a request from several countries (notably Australia) for the CIE financial accounts to be audited. A compromise trial audit will be initiated.

3. An invitation was sent to Mr. Franc Grum, President of the USNC/CIE to attend our annual meeting. Unfortunately Mr. Grum is not able to attend as he has a meeting in Washington.

M.G. Bassett,
President.