Mr. T. Hogg, of the Engineering Society, dwelt upon the unsuitable accommodation and insufficient course provided for those wishing to secure technical education.

The toast to "The Press" was responded to by E. A. James of The Canadian Engineer.

During the evening several songs were given by W. Paris and R. A. L. Gray, with J. F. B. Vandeleur at the piano. The banqueting-room was beautifully decorated with bunting and electrical effects under the direction of R. A. L. Gray, while the whole affair was superintended by W. J. Fuller, chairman of the rooms committee.

## CANADIAN SOCIETY OF CIVIL ENGINEERS.

Herewith we give the result of the December ballot for the election of new members and the transfer of members in the Canadian Society of Civil Engineers. It is not likely that the results of the next ballot will be announced before March:—

Honorary Member.—John Kennedy, Harbor Commissioner, Montreal.

Members.—T. S. Armstrong, Nepigon, Ont.; F. H. Balfour, St. John's, Newfoundland; T. J. Brown, Sydney Mines, N.S.; W. Lyon Browne, New Carlisle, P.Q.; A. R. Goldie, Galt, Ont.; H. U. Hart, Canadian Westinghouse Co., Hamilton, Ont.; H. B. Muckleston, Box 530, Calgary, Alta.; G. R. Smith, Thetford Mines, P.Q.

Associate Members.-K. L. Aitken, 1003 Traders Bank Building, Toronto; J. J. Aldred, Box 394, Deseronto, Ont.; J. A. Beatty, 80 St. Francois Xavier Street, Montreal; G. L. Brown, Morrisburg, Ont.; W. R. Chisholm, Hervey Junction, P.Q.; E. P. Clarkson, 609 Jarvis Street, Toronto; G. B. Dodge, Department of the Interior, Ottawa; W. E. Douglas, 575 Huron Street, Toronto; G. E. Evans, Confederation Life Building, Toronto; J. A. Ewart, 193 Sparks Street, Ottawa; F. A. Gaby, Hydro-Electric Power Co., Toronto; J. C. Galway, New Canadian Co., Port Daniel Centre, P.Q.; J. Garrett, G.T.P. Railway, Saskatoon, Sask.; N. R. Gibson, care C. B. Smith, Esq., Winnipeg; R. J. Gordon, Lethbridge, Alta.; C. Holden, Carnegie Library Building, Winnipeg; H. A. Icke, C.P.R. Irrigation Department, Strathmore, Alta.; S. B. Johnson, Britannia Bay, Ont.; M. Kimpe, Edmonton, Alta.; R. J. Lecky, care of Peter Lyall & Sons, Montreal; A. J. Macdonald, T.C. Railway, St. John, N.B.; J. R. MacKenzie, St. Stanislas, P.Q.; J. R. C. Macredie, Box 63, Kenora, Ont.; B. T. McCormick, Allis-Chalmers-Bullock Co., Montreal; E. L. Miles, Bala, Muskoka; D. C. Raymond, Concrete Engineering and Construction Co., Toronto; B. Ripley, C.P.R. Viaduct, Lethbridge, Alta.; F. N. Rutherford, Box 762, St. Catharines, Ont.; R. Simpson, Haileybury, Ont.; F. E. Sterns, care of Isthmian Canal Commission, Mills Building, Washington, D.C.; H. A. Terrault, Sorel, P.Q.; J. R. Todd, care of MacKenzie, Mann & Co., St. Stanislas de Champlain, P.Q.; A. F. Wells, 158 Madison Avenue, Toronto.

Associates.—W. C. Bate, Fairview, B.C.; F. D. Gillies, 160 McCord Street, Montreal.

Transferred to the Class of Member.—W. I. Bishop, Room 30, 107 St. James Street, Montreal; A. R. Decary, Department Public Works, Quebec; J. Ewing, Engineering Department C.P.R., Montreal; J. B. Goodwin, McCall Ferry Power Co., Bonview, Pa.; J. F. Guay, Morin Building, Quebec; F. C. Laberge, 71 St. James Street, Montreal; C. S. Leech, Assistant Engineer C.P.R., Montreal; D. O. Lewis, 186 Cottingham Street, Toronto; J. W. Orrock, C.P.R., Montreal; P. E. Parent, Department of Marine, Quebec; F. H. Pitcher, 62 Imperial Building, Montreal; A. V. Roy, 425 St. James Street, Montreal; W. G. Skaife, 70 Sherbrooke Street West, Montreal.

Transferred to the Class of Associate Member.—A. A. Belanger, 127 Beaudry Street, Montreal; R. W. Bishop, C.P.R., Ottawa; H. V. Brayley, Hamilton Powder Co., Belœil Station, P.Q.; C. E. Cooper, 645 Burrard Street, Vancouver; A. Ferguson, T.C. Railway, La Tuque, P.Q.; J. Handley, 128 Slater Street, Ottawa; H. F. J. Lambart, Vine Lynn, New Edinburgh, Ottawa; A. C. Mackenzie,

Merrickville, Ont.; F. H. Peters, P.O. Box 560, Georgian Bay Ship Canal, Ottawa; F. M. Rutter, Woodstock, N.B.; D. Sinclair, Stratford Station, Ont.; A. Surveyer, Box 1069, Department Public Works, Ottawa; G. L. Watson, Engineers' Club, Philadelphia, Pa.

## ORDERS OF THE RAILWAY COMMISSIONERS OF CANADA.\*

C.P.R. and C.N.R. connect at Sudbury.

G.T.R. and C.P.R. order to make better connections at Brockville.

4277—Jan. 30—Authorizing the chairmen of the Official, Western, and Southern Classifications to file with the Board copies of each of the said classifications and supplements on behalf of the railway companies, which file with the Board International Freight Tariffs, subject to these classifications. Such authority to be by power of attorney.

4278—Jan. 29—Authorizing Bell Telephone crossing Grand Trunk Railway near Lachine Station, P.Q.

4279—Jan. 31—Authorizing Bell Telephone crossing Grand Trunk Railway at private road three-quarters of a mile west of Weston Station.

4280—Jan. 28—Authorizing branch of the Brandon, Saskatchewan and Hudson's Bay Railway Company to open for carriage of traffic its transfer track connecting the C.P.R.'s main line between Eighteenth and Twenty-sixth Streets, Brandon, Man.

4281—Jan. 28—Authorizing the C.P.R. to construct its railway across the highway on its Hudson's Bay Mining Company's spur at Bienfait, in the Province of Saskatchewan.

4282—Jan. 29—Approving revised location of G.T.P.R. Pheasant Hills branch between old mileage, 528 to mile 543.3.

4283—Jan. 29—Approving revised location of C.P.R. main line, at mileage 85.4 east of Sparwood.

4284—Jan. 31—Authorizing C.P.R. to construct spur to premises of the Alexander Black Lumber Company, Winnipeg, Man.

4285—Jan. 31—Authorizing the C.P.R. to construct spur to the premises of the Keewatin Lumber Company, Winnipeg, Man.

4286—Jan. 29—Authorizing the C.N.R. to construct spur in the town of Virden, Man., to a point, Lot Eight, to the intersection of the boundary line between lots Eight and Nine, Block 76, being more generally known as the spur along Princess Street.

4287—Jan. 31—Authorizing C.N.R. to take part of Lot Five, Concession Four, in the Township of McKim and District of Nipissing, for the purpose of constructing a transfer track to connect its track with the track of the C.P.R. in the town of Sudbury, Ont., at the intersection of Albion and Murray Streets.

4288-Jan. 31—Authorizing the C.P.R. to construct a spur to the premises of Page Hersey Iron and Tube Company, in the city of Guelph, Ont.

4289—Jan. 31—Authorizing the C.P.R. to construct a spur to the premises of R. H. Hill, on the west half of Lot Twenty-nine, Concession One, west of Township of Caledons County of Peel, Ont.

4290—Jan. 31—Authorizing the C.P.R. to construct spur to the premises of Messrs. R. & H. Shortreed, Township of Medonte, County of Simcoe, Ont.

4291—Jan. 31—Authorizing the C.P.R. to construct branch line or spur to the premises of the Wabasso Cotton Company, Limited, in the city of Three Rivers, Que.

4292—Jan. 31—Granting certificate to the Vancouver, Victoria and Eastern Railway and Navigation Company to

(Continued on Page 115.)

<sup>\*</sup>Full text of these orders may be secured from the Canadian Engineer for a small fee.