

assistance if a central bureau were established where municipalities could get information concerning the fire-resisting qualities and strengths of different materials used in buildings.

St. Malo, Que.—A new power house under course of construction at the National Transcontinental car shops is practically completed. It comprises two engines, which, including the boilers, were supplied by the Goldie and McCulloch, Co., Limited. These are 750-h.p. engines, direct connected to 588-kw. A.C. generators. Another 200-h.p. engine drives a D.C. generator. In addition to the main units there are three 400-h.p. motor generator sets to drive variable speed machine tools. The electrical equipment was supplied by the Canadian General Electric Co., and installed by the local firm of Goulet and Belanger. Mr. S. Darnborough is electrical engineer in charge of the installation.

Hamilton, Ont.—The report of Messrs. Kerry and Chace, Limited, on the waterworks and hydro departments of the city has been under consideration at several recent meetings of the council. The report recommends a new reservoir with a minimum capacity of 50,000,000 Imperial gallons, with provision for enlargement, to be situated at an elevation providing suitable pressure for fire service. Mr. A. F. Macallum, city engineer, while not opposed to the construction of a reservoir, is not in favor of its construction at the present time, intimating that in his estimation pumping plant improvements are more urgent. The proposition will be further considered at a future meeting.

PERSONAL.

Capt. L. W. MALCOLM, formerly professor of civil engineering at Queen's University, Kingston, has been promoted to the rank of Major and placed in command of the Sixth Field Company, Canadian Engineers. He was for some time assistant city engineer of Stratford and also of Guelph. He went to the front with the second contingent.

F. F. PICARD, a mechanical engineer of wide experience and recently with the Canadian Marine Department at Victoria, B.C., has accepted the position of engineer in charge of workshops with the Canadian forces at Mesopotamia. Mr. Picard was formerly connected with the Indian Government service.

H. A. ENGLISH has been appointed master mechanic of the central division of the Canadian Northern Railway, with headquarters at Winnipeg. C. H. HEDGE has been appointed master mechanic of western lines.

HENDERSON MOWAT, formerly acting city engineer at Guelph, prior to the appointment of Mr. F. McArthur to the position of city engineer, has been appointed assistant engineer on the Ottawa division of the Grand Trunk Railway System with headquarters at Ottawa. Mr. Mowat was formerly connected with the construction of the Grand Trunk Pacific Railway.

H. T. RUHL has been appointed division engineer over Districts 1 and 2 of the Intercolonial Railway and District 5 of the National Transcontinental Railway, with headquarters at Moncton, N.B. A. R. MacGOWAN has been appointed division engineer of Districts 3 and 4 of the Intercolonial Railway and also of the Prince Edward Island Railway.

J. T. BROWN has succeeded Mr. B. T. Chappell as superintendent of the Canadian Northern Railway at

Saskatoon. Mr. Chappell's promotion to the Kamloops division was recorded in our issue of last week.

W. R. CURROR was appointed municipal engineer of West Vancouver.

G. C. BATEMAN, formerly in charge of the Toronto office of the Canadian Mining and Exploration Co., is now field engineer for the La Rose Con. Mines Co.

GEO. L. GUY has been appointed consulting electrical engineer to the Public Utilities Commission of the province of Manitoba.

OBITUARY.

The death occurred at Vaudreuil last week of Mr. Carl Shurch, civil engineer, 27 years old, in the employ of the Canadian Explosives Co., Limited. The deceased was struck by a locomotive and died in the hospital a few hours later.

As announced in a closing page of last week's issue, a recent casualty list contains the name of Major Georges Janin, formerly chief engineer of the city of Montreal. The deceased, who was 62 years of age, has been a resident of Canada since 1892, a member of the Canadian Society of Civil Engineers and a member of the Engineers' Club of Montreal. Last fall Major Janin raised a company of engineers for overseas service, and left Canada in April. During the summer his command was engaged in the construction of railways and bridges. He himself was on leave of absence and was a passenger on the "Anglia," which was sunk by a mine in the English Channel.

UNIVERSITY OF TORONTO ENGINEERING SOCIETY.

To fill the vacancy caused by the recent resignation of Mr. C. E. Hastings, president, a special meeting was held last week at which Mr. W. L. Dobbin was elected president by acclamation.

UNDERGRADUATE SOCIETY OF APPLIED SCIENCE, MCGILL UNIVERSITY.

The officers of this Society for the academic year 1915-16 are: President, W. S. Sutherland; vice-president, N. M. Binks; secretary, J. Shanly; treasurer, C. H. Balin.

COMING MEETINGS.

AMERICAN SOCIETY OF MECHANICAL ENGINEERS.—Annual meeting to be held at New York December 7th to 10th. Secretary, Calvin W. Rice, 29 W. 39th Street, New York.

INTERNATIONAL ROAD CONGRESS.—To be held at Worcester, Mass., December 14, 15, 16 and 17, 1915. General Secretary, Herbert N. Davison, Chamber of Commerce, Worcester, Mass.

AMERICAN FORESTRY ASSOCIATION.—Annual meeting to be held at Boston, Mass., January 17th and 18th, 1916. Secretary, P. S. Ridsdale, Washington, D.C.

CANADIAN NATIONAL CLAY PRODUCTS ASSOCIATION.—Fourteenth annual convention to be held at Toronto January 18th to 20th, 1916. Secretary, G. C. Keith, 32 Colborne Street, Toronto.