

Canadian engineers will help build railway in Brazil

Ten Canadian engineers arrived in Brazil recently to help design a 610-mile railway through the Amazon river basin to a massive body of iron ore south of the equator.

The engineers are from Canac Consultants, the international consulting service of Canadian National and Air Canada.

Canac and Lasa, one of the major Brazilian engineering consulting firms, have formed a consortium for the design project, which is expected to last 18 months. The railway will carry iron ore from the Serra dos Carajas deposit to the port of Ponta da Madeira.

Currently, Canac has consultants working in ten countries throughout the world.

Aircraft flying high

The production value of aircraft and parts will reach a level of \$554 million in 1973, compared to an estimated \$486 million during 1972, according to a recent study. With over 14,000 aircraft now registered, Canada has the second largest civil aircraft fleet in the world. Expansion of communities, geological exploration and electric power developments in the North suggest that Canada's aviation market will continue to expand well into the future. Recent agreements between Canada and the United States will open up new routes for Canadian carriers and it is estimated that by 1979 these new routes alone will account for some \$150 million in passenger and cargo sales. Replacements for the long-range patrol aircraft program will require about 25 new aircraft at

an estimated cost of between \$750 million and \$1 billion, with more than 50 per cent of the contracts going to Canadian industries. Expenditures on construction of airports, hangars and terminals should reach some \$88.3 million this year.

Terms of reference for Pickering Airport inquiry

A three-man commission appointed to inquire into the Government's decision to build a new airport in Pickering, Ontario, called the Airport Inquiry Commission, will be headed by Mr. Justice Hugh F. Gibson of the Federal Court of Canada. Members are former metro Toronto planning commissioner Murray V. Jones, President of Murray V. Jones and Associates Ltd, and Dr. Howard Petch, Vice-President (Academic) of the University of Waterloo and former member of the Science Council of Canada.

The terms of reference state that the Airport Inquiry Commission may receive and report on new evidence on the expected maximum volume of passenger traffic in the Toronto area and on the question of whether Toronto International Airport (Malton) can be expanded to meet all reasonable needs within present boundaries up to the year 2000, having regard for runway capacity and number of people affected by flight operations.

The inquiry may hear new evidence to prove that the Pickering site is not suitable for the new airport from the point of view of flight operations, passenger-convenience, regional economic effects, and its impact on all aspects of the environment. It will also report any new technological developments or changes in travel habits that might appear to affect any decision of the Government of Canada taken to date.

The Commission will also hear evidence and make recommendations on the role of the new airport, the nature of facilities and the assignment of traffic between Malton and Pickering, the timing of development, ground access, inter-airport transportation and whether, for the convenience of passengers, a terminal or terminals should be established in the city for either Toronto International or the new airport.

Additional nuclear power units

The Atomic Energy Control Board has received applications from the Hydro Electric Power Commission of Ontario for approval of two sites at the Bruce Nuclear Power Development, Bruce County, Ontario for use in connection with the province's rapidly-expanding nuclear power program.

One application is in respect of the proposed site of four additional nuclear power units similar to the four, 750 megawatt (electrical) CANDU units currently under construction at the Development. The second is for approval to build adjacent to the existing Bruce Heavy Water Plant two additional production units which will double the capacity of the plant from 800 to 1,600 tons of heavy water a year.

In addition to a review of the safety aspects by the staff of the Board, the applications together with supporting documentation will be reviewed by the Reactor Safety Advisory Committee and the Bruce Heavy Water Plant Safety Advisory Committee. The recommendations of these committees, which consist of representatives of departments and agencies at all three levels of government, form an important part of the Board's consideration for approval of applications for nuclear plant sites.

Canadian Football League semi-finals

Sunday, November 11

Montreal, 32; Toronto, 10
Saskatchewan, 33; B.C., 13

Next games

Sunday, November 18

Ottawa and Montreal
Edmonton and Saskatchewan

Winners to play in Grey Cup, November 25.

Press time November 14

Canada Weekly is published by the Information Division, Department of External Affairs, Ottawa, K1A 0G2. An index appears quarterly.

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Cette publication existe également en français sous le titre Hebdo Canada.

Ciertos números de esta publicación aparecen también en español bajo el título Noticiario de Canadá.