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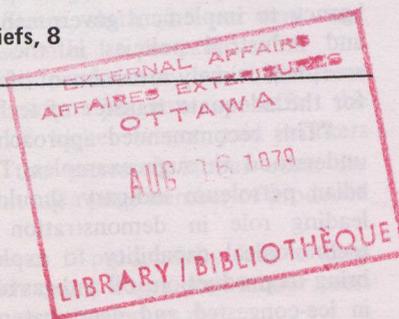
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Ten years ago today...

The Official Languages Act was passed by Parliament declaring English and French to be the official languages in Canada and providing for services to the public in both languages.

Science Council of Canada outlines programs for energy self-sufficiency

Canada must rapidly develop its energy options to reduce expenditures for continually increasing costs for imported oil and to meet long-term energy requirements with self-sufficiency as its goal.

The key to new energy resources lies in "research, development and demonstration" with the emphasis on an organized strategic technological demonstration program, says the Science Council of Canada in its recently published report, Roads to Energy, Self Reliance — The Necessary National Demonstrations. It recommends that the Government and industry embark on 11 specific demonstration programs, which would cost \$3.8 billion over the next 30 years. The following are highlights from the Council's report.

Oil remains the dominant energy factor, says the report. "In spite of serious concerns with respect to an assured supply of oil in terms of political pressure or war, Canada can still expect the supply of crude oil and natural gas to remain in reasonable balance with requirements, for the next few decades," says the study.

In the meanwhile a new energy era is beginning and initiatives must be taken to "improve the security of the oil supply" consistent with federal and provincial political realities, says the report. To accomplish this Canada must: diversify foreign sources of supply; consider geographic proximity and international transportation factors; permit strategic storage of energy and contribute to the development and control of pipelines, tankers and deep-water harbours.

Because of the relatively high cost of domestic energy alternatives to oil, the report predicts that within a short period of time Canada will "import foreign crude no matter how expensive". The Government at present is encouraging energy conservation and the Council stresses that all systems must function at maximum efficiency in order to reduce energy losses. Conservation will also be a "stabilizing factor to cushion the deteriorating balance-of-payments situation and to buy the time required for establishing domestic energy-delivery systems," according to the study.



Drilling for oil in the Yukon Territories.

The Council advises that Canada must immediately substitute imported oil, with "domestic oil, natural gas, coal, wood and other forms of energy....This will require local and long-distance delivery systems". The study notes that "as an industrial country with an ample supply of natural resources and a small population, Canada stands a better chance than most of becoming self-reliant".

Planning Energy Use

"...Canada's future energy systems will be shaped as much by political and social concerns as by technical and economic

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