

Canada's Nuclear Industry Receives Shot In The Arm

By BOB MacKENZIE
OTTAWA (CP) — Expansion hopes for Canada's nuclear industry got a shot in the arm when Atomic Energy of Canada Ltd. announced it has accepted a proposal by Canadian General Electric Ltd. to build a heavy water plant capable of producing 500 tons a year.

The plant will not go into production until the middle of 1969, but it would reach production just the time an expected increase in nuclear power plants would provide a big demand for heavy water.

While heavy water is not used in some types of nuclear reactors, it is vital to Canadian models both to control the reaction and allow the use of low-cost natural uranium. It also provides built-in safety. There is little danger of contamination from natural uranium fuel.

The plant will more than triple Canada's production of heavy water by 1970. Canada's first plant, built by Deuterium of Canada, Ltd., at Glace Bay, N.S., will provide 200 tons a year when it starts production this summer.

The AECL announcement said Glace Bay production could be increased to the same figure as the CGE plant provided Deuterium of Canada can provide assurance of adequate financing for the expansion.

But expansion of the Glace Bay plant probably would involve renegotiation of the contract price.

Deuterium of Canada has a contract to supply 2,000 tons of heavy water over the next 10 years at \$20.50 a pound. The CGE contract calls for 5,000 tons over 12½ years at an average price of only \$18.15 a pound. The price would start at \$20.50 but drop to \$16 by the end of the contract.

Expansion of the Deuterium contract to the same terms as the CGE agreement would mean a maximum heavy water production of 1,000 tons a year, but this figure is unlikely to be reached as the terms call for stretching 10 years' maximum production over a 12½-year period.

Canada's first large-scale nuclear power plant at Pine Point on Lake Huron being built by AECL for Ontario Hydro, will require an initial supply of 220 tons of heavy water when it goes into production later this year. It will provide 250,000 kilowatts for Ontario Hydro.

But the 1,000,000-kilowatt station being built at Pickering, Ont., will need about 920 tons before it starts full operation in 1971.

The proposed 250,000-kilowatt station expected to be ready about 1972 in Quebec will need only 120 tons because of a modified, experimental design, but increased power demands by that period are expected to produce demand for several similar power stations in central Canada.

Heavy water for the Pine Point plant will be borrowed from the U.S. but this will have to be returned as soon as Canadian production begins.

Acceptance of the CGE proposal climaxes a controversy that began last year when Western Deuterium of Canada Ltd. abandoned plans to build a plant at Estevan, Sask., that would produce 300 tons a year. The company said it was unable to meet the November, 1967, production deadline.

Dynalco Power Corp. of Calgary, second lowest bidder for the contract was approached but also refused the contract. When the other two original bidders also failed to reach an agreement with the Crown corporation, AECL started negotiations with CGE.

CGE has given no indication as to where it intends to build the plant. It has until the middle of June to announce a site.

U.S. Automobile Industry Collides With Government

WASHINGTON (CP) — The U.S. automobile industry has collided with the justice department over a request for immunity from anti-trust prosecution in swapping safety ideas among manufacturers.

In a letter to the Senate commerce committee, the assistant attorney general Donald Turner, said the industry's arguments that it needs such immunity for co-operative efforts in designing safer cars "do not appear sound."

Turner referred to testimony by industry spokesman John S. Bugas, who cited a pending justice department investigation into whether the auto makers have illegally restrained trade in the handling of air-pollution control devices on automobile exhausts.

The government official said this investigation was begun "only within the past 15 months and could not have been the basis of previous industry inactivity."

Furthermore, Turner said, "the charges being investigated by the anti-trust division are of

co-operative efforts to suppress, not to promote, the utilization of auto emission devices—a possible type of abuse which hardly strengthens the case for a grant of anti-trust immunity."

PLACED ON RECORD
Chairman Warren Magnuson (Dem.-Wash.) placed Turner's letter in the committee's hearing record.

Two Canadians, Heward Graftey, Conservative MP for the Quebec riding of Brome-Missisquoi, and Fred Young, NDP member of the Ontario legislature for Yorkview, testified in support of a safety-car prototype in New York state.

Spokesmen for the American Automobile Association, claiming 10,000,000 members, and labor leader James Hoffa also spoke in favor of safety standards.

Hoffa, controversial chairman of the Teamsters Union, was explicit on two examples. He said a 12-pound device exists at an installed cost of \$100 which can prevent deadly "jackknifing" by heavy truck-trailer

units. But it isn't used. Despite conclusive tests of its worth. Similarly, a "dead man's throttle" or driver's alert was near the mass-production stage. At an installed cost of \$125, it could guard against the traffic hazard caused when a truck driver was impaired by alcohol, sleep or heart attack.

WANTS IT IN CONTRACT
Both will be sought as standard equipment in the union's next round of bargaining, he said.

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MODEL BITTEN BY LION

Model Nell Theobald, 24, in Bavarian costume, clutches bleeding left leg as she receives help after being bitten by a lion in New York. She was posing with the tame lion for pictures as part of press preview of the New York Auto Show at the Coliseum. She was

petting the animal when it clawed her and clamped jaws around her leg. Miss Theobald was taken to a hospital, and was reported in satisfactory condition. (AP Wirephoto)

Ultra-Modern Timber Plant Is Being Carved Out In B.C.

PRINCE GEORGE, B.C. (CP) — A computerized sawmill and an "instant town" are just two of the ingredients planned for an ultra-modern timber industry being carved out of rugged wilderness near here.

Alexandra Forest Industries Ltd., an affiliate of B.C. Forest Products, has started construction of a \$6,000,000 sawmill and related facilities 120 miles north of Prince George on the Peace River dam reservoir.

The sawmill, scheduled for limited production in July, is surrounded by 30 new homes built by the company. Three "memory banks" of computers will sort lumber for finishing and directing it through the plant.

Work on a pulp mill less than a mile from the sawmill will start after provision has been made for power and rail services. Alexandra has won rights

from the B.C. government to cut 60,000,000 cubic feet of timber a year starting in 1970 for pulp mill purposes.

Alexandra development manager, W. J. Connery, enthusiastically predicts the 30-dwelling nucleus of the town—to be known as Mackenzie—will mushroom into ultra-modern urban area by 1970.

"We have to make it first class to attract people to work for us," said Mr. Connery. "That's why such a good job is being done on the townsite."

He predicted Mackenzie will have a population of 5,000 by the end of the decade and will ultimately have 10,000 inhabitants.

The townsite is located as far south on the Peace reservoir as possible, for purposes of communication with other centres such as Prince George.

The 250,000 board feet a day sawmill will start July production with one shift, expanding to two in September. The building almost entirely encloses all phases of the timber operation due to weather conditions.

The Alexandra efforts are similar to those of several other pulp and paper companies now building multi-million dollar operations throughout the province.

IS COMPETITION
Officials of most of these companies say there is competition for skilled workers, with recruitment taking place as far east as Quebec.

One example is Gold River, being built by the Tahsis Co. on the east coast of Vancouver Island. In an effort to attract employees to an isolated area away from the big city the company has built a complete town out of the forests.

It has arranged for a good taxation base for the community by including the mill within its borders. Rents and mortgages are made as reasonable as possible.

At Prince Rupert Columbia Cellulose is building a subdivision as part of its multi-million dollar pulp and paper project now under construction.

Cranes Take Off For Northland

WASHINGTON (AP) — The whooping cranes have started their northward flight to nesting grounds near Canada's Wood Buffalo National Park, the U.S. interior department has announced.

The fish and wildlife service said 25 of the birds left the Aransas National Wildlife refuge in Texas April 5. This included one group of 20 the largest single mass exodus of whoopers ever recorded.

This also was one of the few times that a departure has been observed, the service said. Refuge employees who saw the birds leave said they circled to gain altitude and then took a northward course.

Departures usually are discovered only by the periodic counts of the rare birds during the winter and early spring—and this system indicated four had left before April 6. Fifteen still are at Aransas.

The wintering flock of 44 was the largest since record-keeping began in 1938. Eight of the birds were yearlings.

The interior department urged that persons along the migration route not harm any large white bird which by chance might be a whooper. The wild flock on migration normally crosses Texas, Oklahoma, Kansas, Nebraska, the Dakotas, and into Canada. The Platte River valley in central Nebraska seems to be a

Lands at Avondale School District.
NOTICE OF SALE OF LANDS BY SHERIFF UNDER EXECUTION

FURTHER to and by virtue of Writs of Execution to me directed and issued out of the County Court of Queens County at the First Circuit of the said Court on the 24th day of March A.D. 1966 in applications wherein The Trustees of School District No. 68 in Queens County applied for judgment against the lands herein described and which said executions were severally marked to levy as follows:— First for \$24.90; Second for \$52.27 and Third for \$23.92 being the amounts of school taxes and costs which remain unpaid together with the costs of execution and of levy and sale.

HEREBY GIVE PUBLIC NOTICE that on Thursday the 12th day of May A.D. 1966 at the hour of eleven o'clock in the forenoon in front of the Law Courts Building in Charlottetown in Queens County in Prince Edward Island I WILL SET UP AND SELL to the highest bidder the following described lands and premises situate lying and being on Lot No. 49 in Queens County in said Island described as follows:

FIRST: BOUNDED on the east side by the Gaul's Road; on the south by land owned by the Estate of John Currie; on the west by land owned by Brendan Curran and on the north by land owned by Brendan Curran and containing about 25 acres of land a little more or less and being the land assessed in the name of the estate of MICHAEL CURRAN.

SECOND: BOUNDED on the east by Gaul's Road; on the south by John Lynn; on the west by Frank Curran and on the north by lands of Frank O'Donnell and the Estate of Edmond O'Donnell and containing 42 acres of land and being the lands assessed in the name of JAMES F. GARLAND.

THIRD: COMMENCING at a stake fixed on the division line between the Haythorne and Cunard lands 50 links south from the southern boundary of land conveyed to Bernard Hughes and running thence southwardly along said division line 9 chains; thence east to the outlet of Keefer's Lake; thence along the said outlet northerly to a reserved Road along the margin of the Lake; thence along said reserved Road along the margin of the Lake and on Bernard Hughes (south boundary) 50 links wide to the place of commencement and containing 55 acres of land a little more or less and being the lands assessed in the names of the Estate of MICHAEL F. KOUUGHAN and WINNIE KOUUGHAN.

Dated March 24, 1966.
KEITH D. MYERS,
Sheriff of Queens County

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NOTICES

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KHRUSHCHEV IS DEMOTED

Moscow (AP)—Nikita S. Khrushchev, once the No. 1 man in the Soviet Communist party and the government, now is just an ordinary member of the Communist party.

The party central committee which was announced here at the end of the 23rd party congress did not include his name. Thus the former party first secretary and premier has nothing left in the party but his membership. He lost the other jobs in an upheaval within the old central committee in October, 1964.

But there was no reason for hysteria over possible water diversion and export. Mr. Pepin said he had approved of earlier government statements that there was nothing wrong with possible water exports provided Canada's needs came first and there was a compensating reverse flow of economic benefits crossing the border from the U.S.

"But I'm going to stop saying this. The statement has been getting far more attention than it deserves."

No one in the U.S. had asked for Canada's water and no decision could be made until the completion of studies to determine whether Canada had a water surplus.

Problems of gold mines in Ontario, Quebec and Manitoba were well known, he added, and the uranium question boiled down to whether to sell to anybody now or stick to principles of selling only with strong safeguards on the use of the uranium.

But the rest of the industry was booming. Production had reached an index of 246 compared to a base of 100 in 1949 while Canadian industry on the whole had risen only to 249.

Crude oil and natural gas reserves were being developed rapidly but reserves still were growing faster than production. Water resources, which recently had been transferred from the northern affairs department jurisdiction, provided another problem—mainly one of co-ordinating the 10 government departments and nine federal agencies which had an interest in the field.

Minerals Industry In Canada Is Continuing Rapid Growth

OTTAWA (CP) — Canada's minerals industry is continuing its rapid growth but there still are serious problems to be solved in the gold, coal and uranium fields, Mines Minister Pepin said.

The coal problem "keeps me awake at night," he told the Commons energy committee considering his department's estimates.

The government was awaiting a special report and would announce a new policy shortly. But this would not mean an instant solution.

"Everybody would like everything tomorrow, and this may not be possible."

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