Brainwork Hailed As Key In Obtaining New Plant

By WALTER HAYES

HALIFAX (CP)—Careful financial manoeuvring enabled Nova Scotia to outbid the Western provinces for a $30,000,000 heavy water plant, Industry Minister Manson said here Thursday.

Mr. Manson said in an interview the province turned a disadvantage to an advantage, coupled it with an existing coal subsidy and was able to undercut other bidders.

Federal Industry Minister Drury announced Monday that Deuterium of Canada Limited would build the plant at Glace Bay, N.S., because Nova Scotia's bid was "considerably lower."

Other organizations in competition for the plant were Dynamic Power Corporation, which proposed a Calgary site, Imperial Oil Limited and Western Deuterium Limited, with prospective sites in British Columbia, Alberta and Saskatchewan.

STIRRED CRITICISM

The choice of Cape Breton stirred criticism in other parts of Canada. British Columbia Premier W. A. C. Bennett said his province could supply coal at $3 a ton to produce steam for heavy water production compared with $13 in Nova Scotia.

Mr. Manson admitted Nova Scotia was at a decided disadvantage in the bidding because it was mainly a thermal-power-producing province. He said the cost is greater than from Western coal and oil. The province had managed to overcome this disadvantage by using an existing thermal plant and thus avoiding a high capital expenditure for a new plant.

The province's original plan was to build a 66,000-kilowatt power plant, but the capital involved would have made the bid non-competitive.

Les Kirkpatrick, manager of the Nova Scotia Power Commission, said in an interview Thursday that the cost of such a plant would be about $14,000,000.

ECONOMICAL PLAN

Turning from this idea, the power commission, a key organization in preparing the Nova Scotia bid, decided on a more economical plan to modify an existing power plant.

Seaboard Power Corporation in Glace Bay, owned by Dominion Steel and Coal Corporation, was chosen. The Seaboard plant has an electrical capacity of 72,000 kilowatts and uses steam at 600-pounds-per-square-inch pressure to operate generators.

Mr. Kirkpatrick said modifications to the plant, costing about $9,000,000, would involve additional equipment to boost steam pressure to 1,800 pounds and increase electrical output by 30,000 kilowatts.

The province would thus save about $5,000,000 in capital cost by using an existing plant. The added steam output would be more than enough to handle both the heavy water plant and existing electrical requirements and produce an additional 30,000 kilowatts.

The heavy water plant's main requirement was steam at 600 pounds per square inch at a temperature of 736 degrees Fahrenheit. Since its electrical power requirements were low, the surplus power would be available to customers and would be valuable in attracting new industry to the region.

Mr. Kirkpatrick said power growth in the area is about 10 per cent a year and the sale of the extra commercial power is assured.

OFFSET HIGHER PRICE

The money available from the sale of this power would help offset the higher price of coal. In addition, Mr. Kirkpatrick said the modified Seaboard plant was a "more efficient system" and could provide power at a "lower annual cost per kilowatt produced."

Mr. Kirkpatrick, in reply to Premier Bennett's criticism of the disparity in coal prices, said coal in the Glace Bay area for use in thermal plants now costs about $9.50 per ton without including a federal subsidy of 91 cents a ton.

He said another factor was the better quality of Glace Bay area coal compared with Western coal. Cape Breton coal might produce up to twice as much energy per ton.

These factors, coupled with plenty of fresh and salt water, made the Nova Scotia bid attractive and more than offset higher coal costs, he said.

The Seaboard plant, currently using about 158,000 tons of coal a year, will increase consumption to about 350,000 tons when the heavy water plant goes into production.

200 TONS ANNUALLY

Initial production of the heavy water plant will be 200 tons of heavy water a year. A second phase to boost production to 400 tons annually is forecast. This would involve a further expenditure of about $5,300,000 at the Seaboard plant.

Although in appearance and taste heavy water is indistinguishable from natural water, its hydrogen content is increased and it is about 10 per cent heavier. Heavy water is used in reactors as a moderator to slow down nuclear reaction and as a coolant to control heat.

No mention has been made of how much heavy water produced by the Nova Scotia plant will cost, but the federal government announced when it called tenders that a price of more than $22 a pound would not be considered.

Nova Scotia government officials have pointed out that the 91-cent-per-ton coal subsidy is not new. It is available to any Maritime utility which uses coal to produce power.

Canada's Trade Surplus Has Sharp Increase In September

OTTAWA (CP) — Canada's trade surpus at the end of October rose to within $50,400,000 of Trade Minister Sharp's predicted surplus for 1963.

The Dominion Bureau of Statistics reported here that the surplus at Oct. 31 totalled $249,600,000, compared with a deficit of $25,400,000 on the same date last year. The surplus at the end of September was $223,900,000.

Mr. Sharp recently forecast that the trade surplus—excess of exports over imports—would be between $300,000,000 and $400,000,000.

The bureau's figures showed that in the January-October period Canada's world trade position remained buoyant as a result of expanding markets overseas. Some trimming of the big trade deficit with the United States also occurred.

A bureau official said that of 20 leading commodities a total of 17 recorded increased shipments. One of the main stimulants to the surplus was increased sales of wheat to Belgium, France, West Germany, Poland, South Africa, Japan and Yugoslavia.

The trade figures to the end of October do not reflect wheat sales to Russia. Their effect on Canada's over-all 1963 trade position won't be known until end-of-November and end-of-December figures are available.

In the first 10 months of the year, exports rose 7.6 per cent to $5,640,300,000 from $5,239,600,000 a year earlier. Imports increased to $5,390,700,000 from $5,265,000,000, a gain of 2.4 per cent.

For October the trade surplus was $17,300,000, compared with $49,500,000 in the same month a year previous. Exports in October totalled $640,000,000, as against imports of $622,700,000.

TO BUY SUGAR

HAVANA (AP)—The Cuban government has announced that Spain plans to buy 30,000 tons of Cuban sugar during the next two years. There has been no report of the sale price.

RIPLEY'S BELIEVE IT OR NOT

Robert Kennedy Is Expected To Carry On In Present Post

The man closest to the late president Kennedy was his brother, Attorney-General Robert F. Kennedy. At 38, what's ahead for him now? This article surveys his prospects.

By RAYMOND J. CROWLEY

WASHINGTON (AP) — What does the future hold for Robert Francis Kennedy, tousle-headed brother and No. 1 adviser to a president now dead at an assassin's hand?

The word today is that the 38-year-old attorney-general will be back soon from a brief rest in Florida, and that he is:

Ready to support the new president, Lyndon B. Johnson, as fully as Johnson supported John F. Kennedy.

Problems still lie ahead of him as attorney-general and—though he has spoken no public word on his plans—he is expected to carry on.

Johnson has asked all cabinet members to stay in their posts. Those knowledgeable of the national scene consider it unthinkable for Johnson to let Kennedy go.

For one thing, a mutual esteem has developed between the two men.

For another, much of the Kennedy mantle now has fallen on the oldest surviving brother. To many Negroes, for example, Robert Kennedy is a knightly crusader for their civil rights, though by the same token some Negro leaders have felt he did not push hard enough.

MAY RUN FOR VP

There has been talk—it is too early to tell whether it has substance—that Johnson might ask him to join the ticket next year as vice-presidential nominee.

Or that he might run for governor of Massachusetts. But this position now is held by Democrat Endicott Peabody, former football guard from Harvard, the Kennedy alma mater. And unless Peabody really wanted to step aside next year, it is considered unlikely that Kennedy would nudge him.

As for the long-term future, his friends and wife Ethel are convinced that at some time he will run for public office. For the Kennedys have been and are competitive men, public men intent on affairs of state.

Brother John F. won the presidency, brother Edward M. a Senate seat. Only Robert has won no elective office. His wife remarked last spring:

"Of course, he will run for office. He'll have to, to prove he can win."

ANNOUNCEMENTS

CITY & QUEENS

"WE TREAT the sick well" Giggey's Pharmacy. New Schrafft's Homestyle Candies taste so good. Available now at Giggey's Pharmacy. Dial 4-3170 for prompt free delivery.

DR. ZIELINSKI will be at his New Glasgow office every week; Monday, Wednesday, Thursday and Saturday from 3 to 5 in the afternoon.

ATTEND THE Talent Caravan in Harrington Hall on December the 14th. Sponsored by Harrington Church Choir. Send entries to Mrs. Fred Ford. Good prizes.

PANTRY SALE sponsored by Basilica at Sherwin and Williams, Friday December 6th at 2 p.m.

DANCE FORT Augustus Hall every Friday night.

RESERVE THURSDAY, December 19th, for North Wiltshire Christmas concert.

RETIRED RAILWAY Veterans — don't forget important meeting on December 7th, at 2 p.m. Kinsmens Senior Citizens Centre, 81 Fitzroy Street. Election of officers for 1964.

DANCE, MILLVIEW Hall every Friday night 9:30-12:30. Music by the Three Mac's.

THE REGULAR Friday night dances in Fort Augustus Hall are cancelled until further notice.

ENGLEWOOD Regional High Dramatic Society and Glee Club present an evening's entertainment in the High School Auditorium on Saturday, December 7, 1963. Program consists of: One-act play, Boys' Fashion Show, and Christmas Pageant. Curtain time — 7:45 p.m. Admission: students 25 cents and adults 50 cents.

BAZAAR AND Pantry Sale in Ivan Bowness' store, Hunter River, Saturday evening, December 7th. Ladies of Hunter River Presbyterian Church.

KENT DRESS Shop, opposite Stead's Pharmacy is open Saturday's until Christmas. New dresses arriving; also sweaters, gloves, scarves, handbags, blouses and hosiery.

KINGS COUNTY

USUAL DANCE Legion Hall, Cardigan, Friday, December 6th.

DANCE, MORELL Community Hall, Friday, Dec. 6th. In aid of Morell Hockey Club. Dancing 9:30-12:30. Music by the Thunderbolts.

THE REGULAR Wednesday night dances in Fortune Hall are cancelled until further notice.

DANCE EVERY Saturday night, St. Peters Bay Hall. Johnny Chaisson's Orchestra. Admission 50 cents.

THE LAW office of Kenneth R. MacDonald in the Civic Building, Montague will be open each Saturday.

DR. B. J. GRANT, Optometrist will be in the Montague office every Saturday from 10 a.m. to 5 p.m. Phone Montague 838-2133.

PANTRY SALE in the Montague Electric building, Saturday, December 7th, at 2 p.m. Sponsored by Hospital Auxiliary.

SOURIS THEATRE, Friday and Saturday, December 6th and 7th: "The Ugly American" with Marlon Brando. Action drama.

JUST SIXTEEN shopping days till Christmas so see our selection of gifts while stocks are complete. Watches — clocks — shavers — radios — record players. Christmas records in stock at your Kings County Record Centre. Pepler Jewellery, Montague.

PRINCE COUNTY

CHRISTMAS SHOPPING? Come in and see the fine display of gifts for young and not so young, in the toy department at P.J. and C. Kennedy Ltd., Kensington.

INFORMATION AND PUBLICITY OFFICERS

for

INFORMATION DIVISION

servicing

DEPARTMENTS OF INDUSTRY AND DEFENCE PRODUCTION

Challenging opportunities are available for persons with a high level of creative ability and with extensive experience in information and publicity work involving all media. For some of these positions a knowledge of Canada's two official languages will be required.

CHIEF INFORMATION DIVISION
$13,300 — $14,200
ASSISTANT CHIEF
$10,400 — $11,800
HEAD, GENERAL INFORMATION SECTION
$8310 — $9750
HEAD, INDUSTRY PUBLICITY SECTION
$8310 — $9750
INFORMATION OFFICERS

Positions at various levels, with salary ranges
$4500 — $5880, $5760 — $6960, $6750 — $8040 and $7650 — $8730.

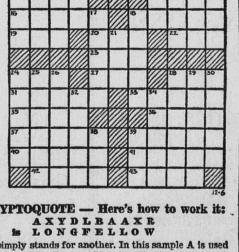
The more senior positions require experience in the development of broad and comprehensive publicity programmes, and the direction of staff.

Further information and application forms may be obtained by writing to the CIVIL SERVICE COMMISSION OF CANADA, OTTAWA 4, requesting Information Sheet 63-1958.

DAILY CROSSWORD

ACROSS
1. To be dull
5. Light
9. Christmas song
10. Wide-awake
12. To nullify
13. Article of virtu
14. Let it stand: print.
15. Inelastic
16. Succinct
18. Temples: poet.
19. Cunning
20. Extinct bird.
22. Abounding in ore
23. Not good
24. Victorian
27. Piece out
28. Plumpness
31. Purple seaweed
33. Flock
35. Part of the eye
36. Amazon cetacean
37. Smoky
39. Place of worship
40. Harden: var.
41. Shining
42. Observes
43. Wriggling

DOWN
1. Fireplace shelf
2. Hard to manage
3. Looks sullen
4. Addition to a building
5. Resinous substance
6. Part of a bird's wing
7. Kind of sheep
8. Elementary textbook
9. Throws
11. ——-terurvy
17. Live coal
18. Lost, as color
21. Tree
24. Evade
25. Plunders: var.
26. Thoroughfare
28. Baptismal
29. Bird house
30. Weepy
32. Tidal flood



Yesterday's Answer
34. Valley of the moon
38. Affirmative reply
39. To mature

S	E	A	S		S	L	A	G
A	W	A	S	H		P	A	I	N	E
L	I	G	H	T		E	R	O	S
C	O	Y		L	O	A	D		M	A
G	R	E	A	T		S	O	S
			R	E	L	O	A	D
B	R	A	N	D		G	R	A	S	S
O	V	A	L			S	I	D	E
A	D	D		S	H	O	W		G	A
W	I	L		E	A	G	L	E		M
E	N	D		S	T	O	R	E
			S	A	T	I	S		F	Y
			S	L	E	D			E	D

OUR BOARDING HOUSE MAJOR HOOPLE

GRANDMA — MICKEY MOUSE

SECRET AGENT X-9 — ETTA KETT

NUBBIN — HENRY

MUGGS & SKEETER — JOE PALOOKA

DAILY CRYPTOQUOTE — Here's how to work it:

A X Y Z D L B A A X E B
is L I N G F E L L O W

One letter simply stands for another. In this sample A is used for the three L's, X for the two O's, etc. Single letters, apostrophies, the length and formation of the words are all hints. Each day the code letters are different.

A Cryptogram Quotation

ODMUG, WKWY GUQEMU DG HRF-FWF GUNQEMU HQOOEGDQY, DF YQG HQOOEGWJ.—FG. REMEFGDYW

Yesterday's Cryptoquote: HE THAT LIVES WELL IS LEARNED ENOUGH.—GEORGE HERBERT

© 1963, King Features Syndicate, Inc.

THE LONE RANGER — L'IL ABNER