

Antarctic Whales migrating each year are found off the Australian coast from April to October.

The 1,000th anniversary of the famous Greek Patriarch's death at Alexandria, Egypt, is commemorated in 1953.

## SPORTS ROUND-UP

# Golfing President Welcomed by USGA

By GAYLE TALBOT

NEW YORK (AP)—There was an air of quiet, dignified jubilation at "Golf House" today over the inauguration of the first real golfing President of the United States who had in 39 years, since the death of Warren G. Harding,

"Not that golf needs the publicity," cautioned Joseph C. Dey, the executive secretary of the United States Golf Association and curator of the local shrine.

"But it doesn't figure to hurt the game, either. I imagine the pictures of President Eisenhower golfing will cause many people to take up the game."

So far as Dey knows, the only ardent golfing President besides Harding was William Howard Taft, the father of the senator from Ohio, who left the White House in 1913.

"From the pictures I have seen of Taft hitting the ball, I do not imagine he was very skilled at it," Dey said. "I'm sure that neither he nor Harding was quite in the class with Eisenhower. After all, any man who shoots an 85 over the Augusta Masters' course, as he did, is a pretty good golfer."

Eisenhower, Dey pointed out, was one of 99 members of the Augusta club who commissioned a portrait of Bobby Jones, which will be officially unveiled at "Golf House" on Jan. 31. It is planned that Bobby will attend the ceremony if his illness permits him to make the trip from Atlanta.

Though Harding, from all accounts, was only slightly removed from the duffer class, there was no question of his devotion to the game. He was a member of the executive committee of the USGA in the years he was President, and the Harding trophy, emblematic of the national public links team championship, was put up by him.

Any time the new President feels like drumming up a game among the lawmakers, around Capitol Hill, Dey remarked, he will have no difficulty in getting himself badly overrated.

He can choose from among Jack Westland, the current national amateur champion, who is entering Congress from the state of Washington; Senator Barry Goldwater, a newcomer from Arizona who packs a three or four handicap, and Senator Prescott Bush from Connecticut, a former president of the USGA and son-in-law of George H. Walker, donor of the Walker Cup.

"It's a fine sign, having so many good golfers in the government," Dey said comfortably. "Makes you feel that things are in good hands."

## Ike Williams Listed as Retired By New York Athletic Commission

NEW YORK (AP)—Ike Williams, 29-year-old former lightweight champion, is now listed as retired on the weekly bulletin of the New York state athletic commission.

The effective date of Ike's retirement was last Friday, four days after he was beaten at Syracuse by Carmen Basilio. Williams lost his crown May 25, 1951, when he was stopped by Jimmy Carter.

## Ontario Electrical Frequency Changeover Third Completed

By JACK GRAY  
Canadian Press Staff Writer

TORONTO (CP)—Electrical technicians here are engaged in what officials of the publicly-owned hydro-electric power

commission of Ontario term the world's greatest program of changing electrical frequency.

Today, at the end of three years the \$200,000,000 plan is more than a third completed, with 267,737 customers out of a total of 904,735 converted from 25-cycle to 60-cycle power.

The 10-year program has a place in defence of Canada. It affects an area that contains much of her manufacturing and heavy industries.

Frequency conversion means that in event of war these industries can draw on 60-cycle power from the United States or other parts of Ontario if their electrical supply is damaged by bombs or saboteurs.

Plants using 25-cycle power cannot do this. Their transformers and motors will not operate if fed 60-cycle power. Southwestern Ontario is the only big area in North America that uses 25 cycles.

In their search for equipment that needs to be changed hydro technicians have gone into every basement and kitchen. They've gassed gas masks and tin helmets to descend to the bottom of farm wells to examine machinery, they've climbed 500 feet to the top of the Ambassador bridge spanning the Detroit river at Windsor.

The public has mostly taken it in good part, though hydro has had a job on its hands explaining what change-over is and why it's necessary.

To date an estimated 1,270,000 appliances have been changed over including nearly 200,000 washing machines, some 150,000 refrigerators and 100,000 record players.

One thing householders have noticed is the elimination of the flicker in electric lights present with 25 cycles. The eye cannot detect flicker when electricity goes to and from its source 60 times a second.

Sixty years ago engineers selected the 25-cycle frequency for the Niagara Falls power development because at that time it was best suited for sending over long-distance power lines and for operating electric trains. These were predicted as the transportation of the future.

## Hitch-Hiking Easiest Way To Travel

EDMONTON (CP)—A young Edmonton girl who spent three years at university in England says hitch-hiking is common in Europe and the only way that many university students could hope to see the continent.

"Everyone travels the youth hostel way," said Valerie Pon who is back in Edmonton with her parents, Mr. and Mrs. Philip Pon. The girl, a graduate in journalism from the University of Washington, was graduated this year with a master's degree in social welfare work from the school of economics of the University of London. In 1951 she was awarded a ministry of education scholarship.

### PARENTS SURPRISED

"At first my parents and friends at home were a bit surprised when I wrote and said we were hitch-hiking," Miss Pon said.

Her first trip was to France, Germany, Austria, Switzerland and Liechtenstein. On this trip she travelled by train. It was not long before she discovered there was a cheaper and more enjoyable way.

At hostels, she paid as little as 25 cents a night for lodging and Valerie estimates that it cost about \$1 a day for other expenses.

### SOUTHERN TRIP

On her most recent trip, she visited France, Spain, Italy and Greece.

"It was impossible to hitch-hike in Greece as there is very little traffic," she said.

In her knapsack, which weighed about 25 or 30 pounds, she carried, food, one sheet and blanket, cooking utensils, towels, soap and a few personal items.

The little Chinese girl feels the most important part of her adventures has been seeing Europe's famous works of art, architecture and learning its music.

### Light-Keepers Help

VANCOUVER (CP)—Keepers of lighthouses are helping authorities to analyze fishing conditions on the British Columbia coast. Water samples taken by the light-keepers go to oceanographers at Nanaimo to show offshore conditions and help biologists to forecast fishing possibilities.

Railways in Britain transport an average of 169,000,000 tons of coal and coke every year.

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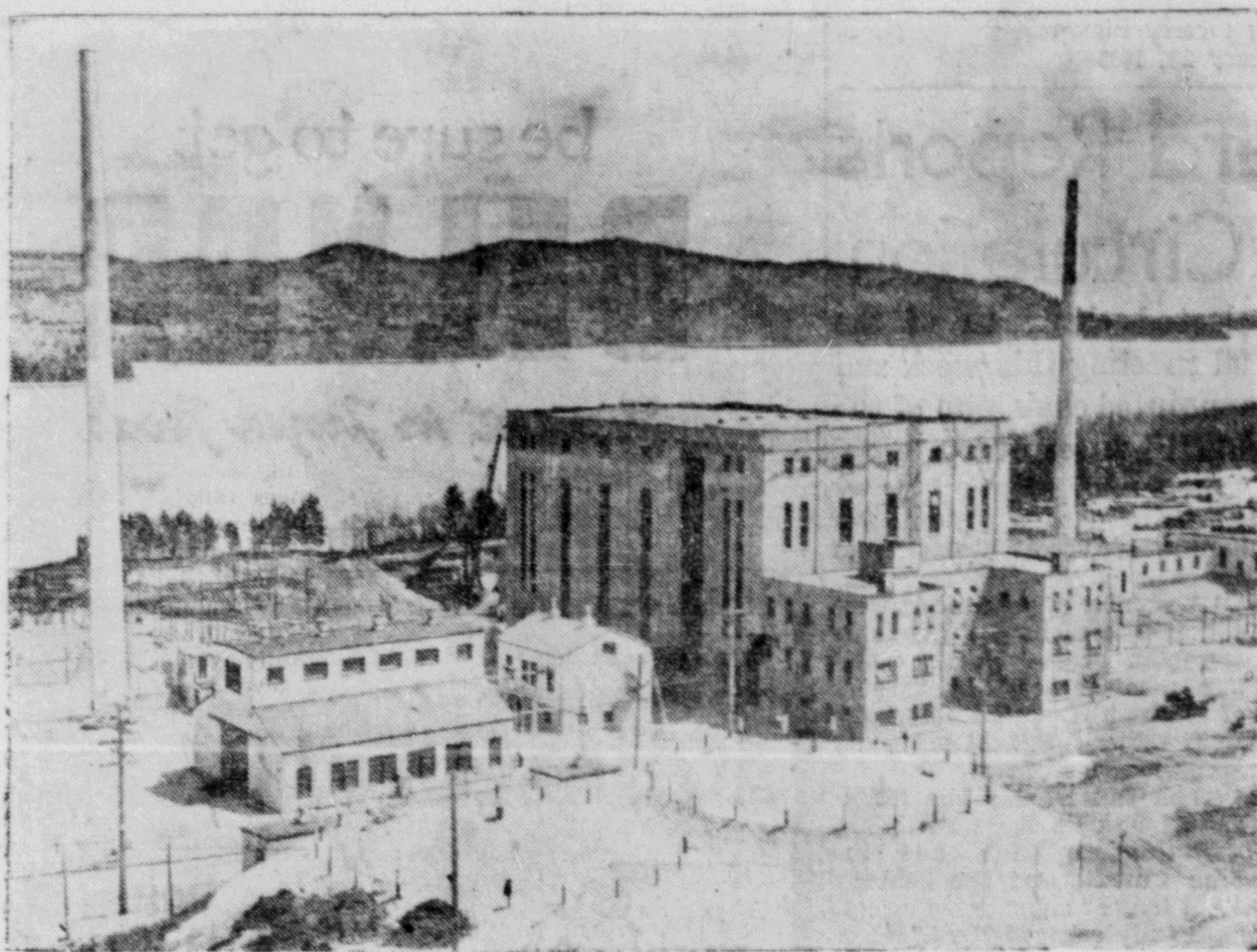


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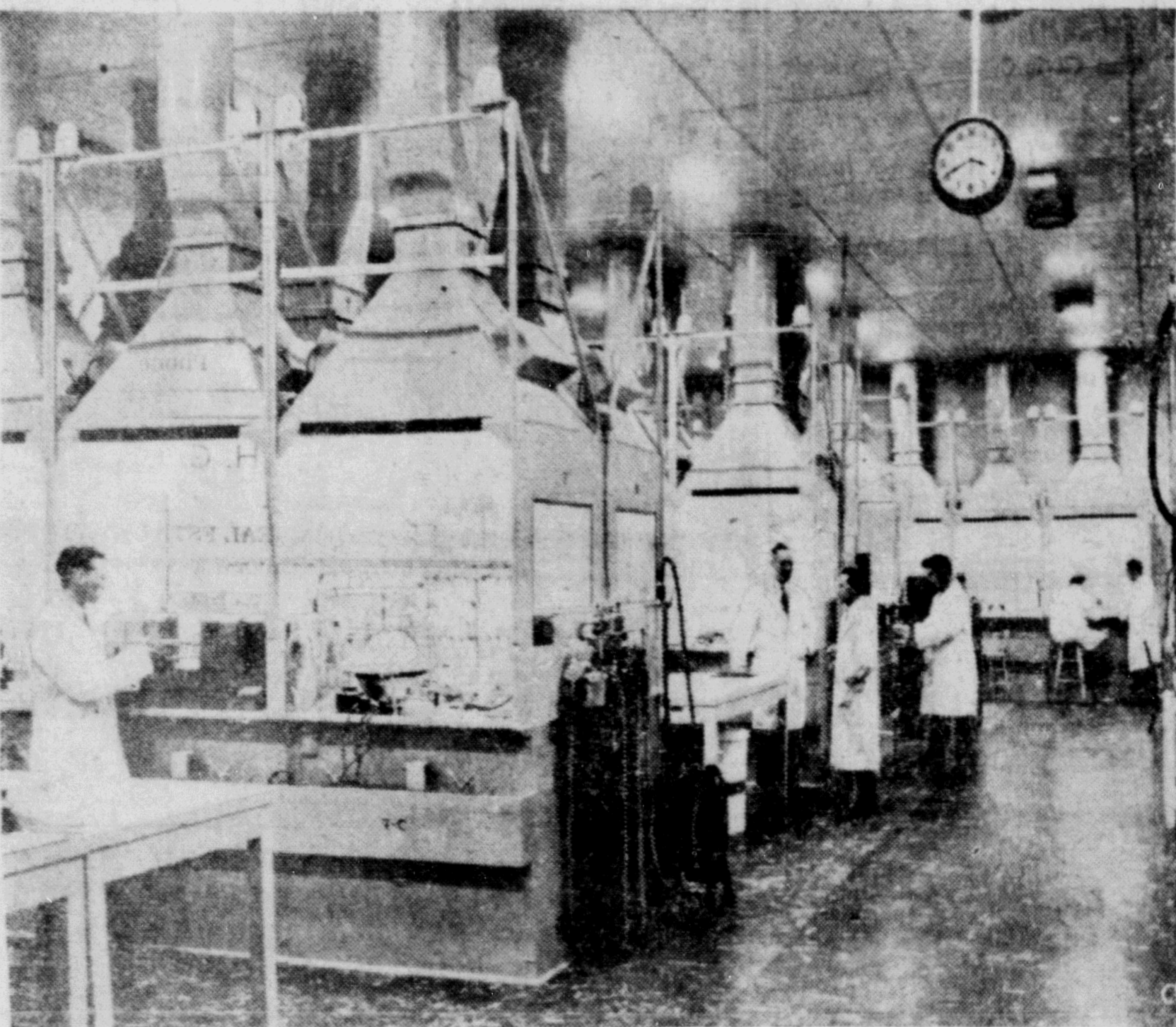
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THESE ARE the deep and NRX nuclear reactor buildings at the Chalk River, Ont., project of Atomic Energy of Canada, Ltd. There are more than 150 structures within the 100-acre fenced-in area bordering on the Ottawa River.



MATERIAL WHICH HAS BEEN IRRADIATED in the NRX nuclear reactor at Canada's atomic energy plant at Chalk River, is processed here in the main isotope production laboratory. More than 80 different kinds of isotopes are produced here for use in Canada, the United States, Britain and a number of western European and South American countries.

## British Scientist's Experiments Halted By Breakdown of Powerful Atomic Furnace

By HAROLD MORRISON

Canadian Press Staff Writer

CHALK RIVER, Ont. (CP)—An atomic scientist is chasing ghosts that have speed but no weight in a drive to unravel some of the age-old mystery of what holds substance together.

After three years of tremendous labor, working with infinitesimal measurements of time and space, John M. Robson was just getting places when his tool—the world's most powerful atomic furnace—broke down.

Now the 32-year-old British scientist must wait many months before the atom-splitting reactor is healed and he can resume his task.

"I believe I can achieve success in my experiments six months after the reactor starts working," says the lanky, London-born research man, believed by colleagues to be the only person in the world attempting to catalogue the existence of the neutrino.

The neutrino is believed to

contain speed but barely any form or substance. In its ghostly weight it is sufficiently powerful to pass through the entire earth without hindrance.

The world's top scientists are convinced that it exists, that it forms part of the atom core, that it is born and dies and that it holds the key to a great mass of information required in the atomic age.

The scientist, a graduate of Cambridge University, has the job of proving its existence. This lofty ambition emphasizes the two sides to Canada's atomic operations at Chalk River, the timeless experimentation with the very substance of life and the great bustle to produce life-giving materials for the sick.

For men in both fields the breakdown of the furnace on Dec. 12 has proved a great tragedy. But as Dr. C. J. Mackenzie, Canada's atomic chief, said: "The tragedy was anticipated. The reactor had lasted well beyond its expected life-span."

It will take months, but Chalk River is determined to nurse its powerful isotope cooker back to health. A major overhaul is planned.

Canada leads in peacetime atomic pursuits and her scientists are determined she shall hold that position.

While the old furnace, ruptured inside and leaking dangerous radio-active waters, is awaiting repairs, an army of workmen has blasted the hole for location of a new \$30,000,000 furnace in the guarded, fenced-in 100-acre plant about 130 miles northwest of Ottawa.

Scientists are as uncertain of when the new furnace—named NRU—will be completed as they are about the date when the old one—NRX—will be repaired.

## BACKACHE May be Warning

Backache is often caused by lazy kidney action. When kidneys get out of order, excess acids and wastes remain in the system. Then backache, disturbed rest or that tired-out and heavy-headed feeling may soon follow. That's the time to take Dodd's Kidney Pills. Dodd's stimulate the kidneys to normal action. Then you feel better—deeper better—work better. Get Dodd's Kidney Pills now.

## Hockey Scores

WHL—Vancouver 5 Calgary 3;  
New Westminster 2, Saskatoon 2.

## SPORTSMAN'S DIGEST

By Hal Sharp

USING BAIT WITH A WIRE BOX TRAP



MOST OF THE SMALL FUR BEARERS ARE NOT SO WARY OF WIRE BOX TRAPS, EVEN WHEN THE TRAP IS NOT CONCEALED BECAUSE THEY CAN SEE THROUGH IT. CHOICE TRAP LOCATIONS ARE IN NATURAL PATHS OR RUNWAYS OR ALONG STREAM SIDES.

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