

## Former Mining Inspector, F. J. Shenton, Dies Suddenly

Word was received today of the death Monday in Nanaimo of F. J. Shenton, mining inspector for the B.C. government here for 15 years until his retirement in 1934.

Father of George R. Shenton, 2053 Alin Avenue, he had been in good health up to the time of his passing.

Eighty-nine years old, Mr. Shenton was born at Chas. Terrace, Shropshire, England, and came to Canada in 1888 working in the coal mines at Nanaimo for a few years before returning to the Old Country to get married.

He returned to America in 1897, settling in Colorado where he again worked in mines, moved from there to Wyoming for a year and in 1900 returned to Nanaimo where he was underground foreman for South Wellington Mines until 1914, when he opened a grocery store in Vancouver.

Holder of three certificates for mine management, he was appointed an inspector in 1919 with headquarters at Prince Rupert

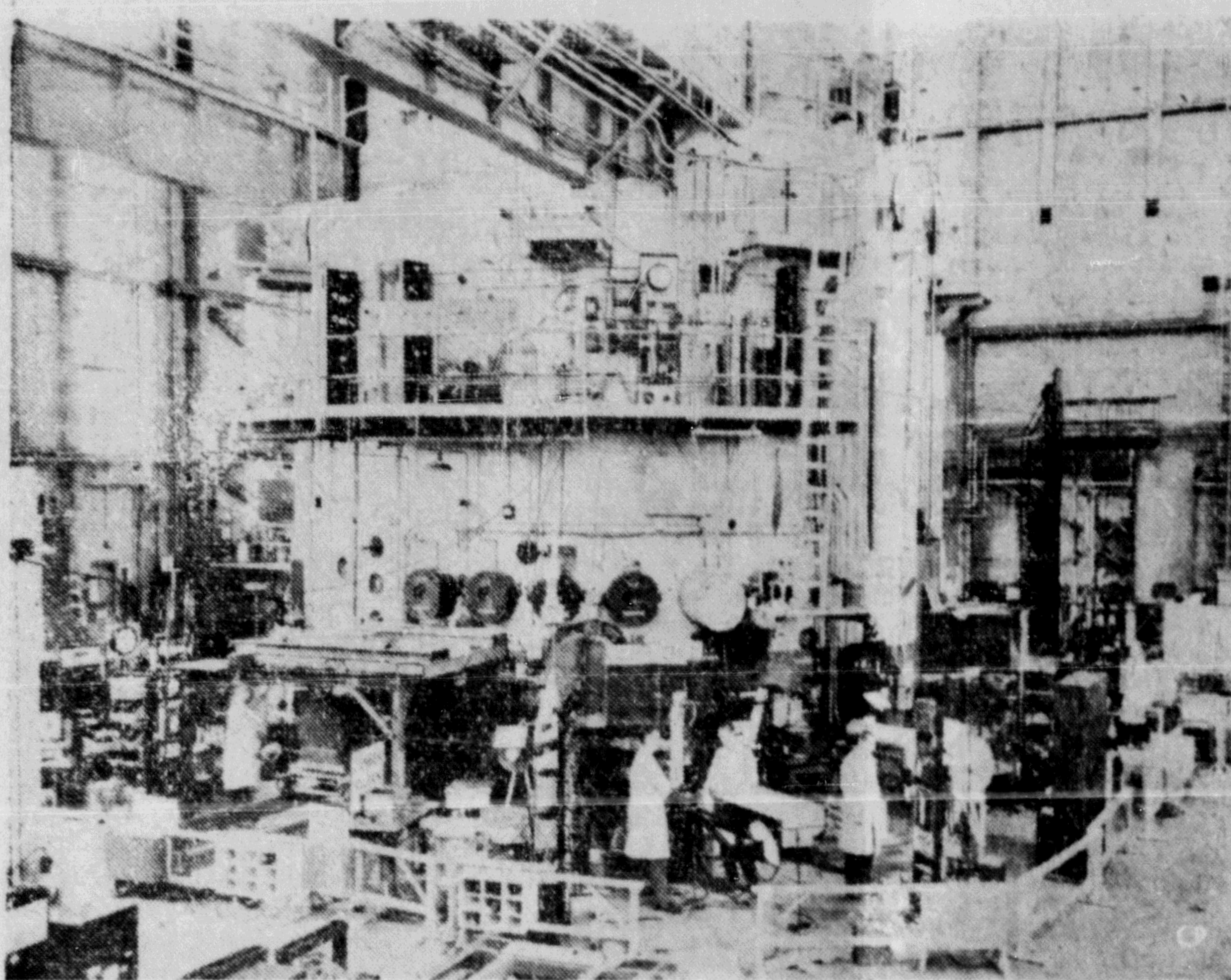
and worked throughout northern B.C.

After his retirement in 1934, he remained in this city until 1937 when he and Mrs. Shenton, who predeceased him 18 months ago, moved to Victoria where they remained until 1941, then went back to Nanaimo.

Funeral services will be held at Nanaimo on Monday.

George Shenton is leaving tonight on the Prince Rupert to attend his father's funeral. Another son, Arthur, lives in Princeton and there are four daughters, Mrs. Joseph Ratchford of this city; Mrs. Dyson Hirst, Nanaimo; Mrs. Harry Bryant, Courtenay, and Mrs. Peter Hackett of Vancouver.

Geoffrey Chaucer, who died in 1400, was the first to carry the title poet laureate in Britain.



NRX NUCLEAR REACTOR or pile at Canada's Chalk River atomic plant is an aluminum tank containing uranium rods and heavy water. It is eight feet in diameter, 10 feet high and surrounded by concrete eight feet thick to protect scientists and operators from intense radiation. In the foreground, scientists carry out experiments using neutron beams. The reactor has the highest density of neutrons of any natural uranium reactor in the world. (CP PHOTO)

## Repair of Chalk River Atomic Plant Cancer Victims Anxiously Awaiting

By HAROLD MORRISON  
Canadian Press Staff Writer

CHALK RIVER, Ont.—Cancer victims, tormented by body cells gone crazy, are anxiously awaiting the breakdown of the world's most powerful atomic furnace.

Any who might have been aided by the medical marvel, the cobalt bomb, must wait countless months before machines come their way.

Until the furnace is healed, there will be no more production of highly-radioactive cobalt 60, the tiny black pellet that provides the cancer-bombarding power of the bomb.

And there is no other furnace in the world that contains the atomic power to infuse ordinary cobalt with cancer-destroying properties.

The big furnace with its 178 rods of uranium "fuel," each sheathed in aluminum, sprays a "leak" of radioactivity D-2 12. Cobalt 60 production halted when it was shut down. Radioactivity may continue for months before the furnace "cools" sufficiently to allow scientists to repair the break.

### TAKE LONG TIME

They decline to predict how many months it will be before the furnace is reheated and cobalt 60 production resumed. But it will be a long time.

And 130 miles to the southeast, in Ottawa, the Atomic Energy of Canada's commercial production of electricity is halted. It has received scores of requests for cobalt bombs which it produces.

It is in the midst of producing a bigger and better bomb than the current model A which first went into production a year ago.

So keen is the demand for the giant horse-shoe-shaped beam therapy units that six of the new ones have already been ordered by hospital clinics in Canada, the United States and Britain.

The new motor-driven lead-shielded units can be swung easily to allow the cobalt beam, as powerful as millions of dollars' worth of radium—to bombard cancerous cells in any part of the body without injuring nearby healthy tissue.

But the giant machines which lean over a patient lying on a flat table are useless, without the radio-active cobalt.

It takes about one year to cook the cobalt in the furnace. Cobalt 60 lasts about 5½ years before it loses half its strength. A small stock has been built up and this has been augmented by half-cooked pellets rescued from the

contaminated furnace.

### HUGE DEMAND

By using twice the normal amount of pellets in the tiny pellets which are the horse-shoe unit, the commercial products division can continue supplying a few more bombs. But the demand is tremendous and there is a long list of applicants.

So far, four of the model A units have been built and installed: in London, Ont., Saskatoon, Vancouver and New York.

Chicago will get one this week; Winnipeg and Minneapolis in February. There will be others later, if the supply of cobalt is still available.

The commercial products division handles all of Chalk River's isotope production. This is big business. Shipments from this furnace average about 500 a year to hospitals and laboratories in Canada and abroad.

The division was just beginning to become self-supporting when the break-down caused a disruption.

## When Oil Men Want to Play Nothing in Oil Stops Them

By JIM PEACOCK

EDMONTON—Come cold winds or high water, the oil diggers of Alberta carry on their work—and play.

The province's oil men let nothing stand in their way and if they have a desire to play golf, they play golf. On Feb. 15, two Edmonton aspirants will tangle in a golf duel for the "world's championship."

Of course, the cold—expected about 15 or 20 below at that time—and the snow—probably two or three feet of it—will add to the hazards, sand traps and what-have-you of Edmonton's municipal links. But who in oil cares, unless it's an executive?

Winter's rugged hazards will be overcome by means only the oil business can provide. And he match will be run in an oil-business-like manner.

An oil consultant service, which specializes in supervision and operation of field work, will handle the details.

The duellists—Stew McKay of Edmonton and Turner Valley, Alta., and Toby Cantwell of Edmonton and Calgary—already are prepared. McKay has been studying nightly from a book on golf and has constructed his own "secret weapon" club.

### SECRET WEAPONS

A weird instrument, to say the least, is this iron-pipe driver, but it packs the whip of a professional links' machine.

Unknown to McKay is the fact that Cantwell's supporters have prepared a "secret weapon" which has yet to be unveiled. As a matter of fact, Cantwell himself doesn't know about it.

Practice holes will be dug on the spot by a test-hole drilling service. A coring service will provide the opponents with full geological data on the snow. A portable lighting system will be set up in case the match drags out to darkness.

The contestants will be fed pancakes stirred up in a de-luxe mixer—made by an all-purpose cement-mixing truck.

Just in case the players can't distinguish the balls in the snow, balloons will be fastened to each spheroid. One balloon already is filled with a lightweight gas, and weather permitting, a helicopter will follow the flight of the ball, expected to be some miles from the tee.

And to add that old-time golfing touch, a bagpipe band will

lead a pre-match parade to the course.

## Conciliation Services to Be Increased

VICTORIA — An increase in conciliation services offered by the provincial labor department was announced here by Labor Minister Lyle Wicks.

The minister said the number of conciliation officers has been increased to nine, from six, and a general speed up in processing of certifications has been instituted.

Instead of conciliation officers handling certifications, Mr. Wicks explained, Board of Industrial Relations inspectors will handle most of them, giving the conciliation officers more time to concentrate on their prime role of conciliation.

The Labor Relations Board still will carry out the actual granting of certifications, but the processing will be done by BIR inspectors.

By exerting additional energy on conciliation, the labor minister hopes more disputes will be settled before they reach the point where they must go before the LRB.



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## Premier's Aid No Longer in Civil Service

VICTORIA — The position of executive assistant to Premier W. A. C. Bennett has been taken out of the jurisdiction of the Civil Service Act.

The position is held by Ronald B. Worley, and will now be a non-civil service act position. An amendment to the Civil Service Act has been approved by order-in-council.

The position several years ago was not included in the civil service act schedule, but later was placed under the act apparently to give security of office to any person holding the post.

It is understood the present incumbent and the premier prefer making the position non-civil service because many of the duties performed by anybody in the position are of a political nature.

The \$730 monthly salary remains unchanged under the new setup.

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LONDON (CP) — A bronze plaque set in the floor of Westminster Hall marks the place of the late King George's lying-in-state prior to the royal funeral.

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