

U. K. Scientist Allays Fears Of Danger From Waste In Atomic Power

By RONALD BATCHELOR

GENEVA (Reuters)—A British atomic scientist said Tuesday there is no reason for fears that the increased use of atomic energy in industry will result in danger to man through radioactivity.

Sir Christopher Hinton, head of Britain's atomic energy authority industrial relations group, delivered his assurance to the world atomic-peace congress here that atomic radiation would not endanger future generations, as geneticists had suggested it might.

Another highlight of Tuesday's sessions was a message from President Eisenhower advocating that the atomic scientists meet again in two or three years to further the "progress" achieved at this inaugural conference of scientists from 72 nations.

MAY USE SUN'S RAYS

Delegates also heard reports of research that may lead to the harnessing of the sun's rays into industrial power.

The reassurance from Hinton on the absence of danger from radiation came at a press conference.

He and other leading British atomic scientists were questioned on the subject by 300 newspaper men from all parts of the world.

Hinton said that "on the industrial side there is no reason why a well-managed atomic program on a large scale cannot be set up and operated under conditions that will be entirely safe and cause not the slightest concern to geneticists."

PROCESS WASTE

Nor was he worried, Hinton continued, about the waste disposal of fission products. He said in Britain these fission products were processed and stored at chemical processing factories under control of the atomic energy authority, away from the nuclear power plants.

He revealed that fission products of very great radioactivity are currently being stored, but he said that more and more use is being found for them in industry and medicine.

Supporting Hinton's views were Dr. Henry Seligman, of the isotopes division at Britain's Harwell Atomic Energy Research Centre, and Sir George Thomson, master of Corpus Christi College, Cambridge, representing the Royal Society.

CALL RADIATION MEETING

The congress was also told that the British Medical Research Council has called an international meeting to deal with the radiation problem.

A British spokesman said the conference, Sept. 19 and 20 at Harwell Research Centre, will discuss the possibility of making large-

scale observations of the effects of atomic radiation on man.

The United States, Canada, Norway, Sweden and Denmark have agreed to send representatives, and other countries are also expected to attend.

President Eisenhower's suggestion for another conference to study the peaceful uses of the atom in two or three years was not empowered to perpetuate itself, Strauss said. He said the correct method would be for the American delegation to the United Nations to make the proposal to the U.N.

Eisenhower's message said he hoped a second conference would be convened at a later date to continue this great beginning of international co-operation.

Two Americans, Melvin Calvin and J. A. Bassani, of the University of California, reported on research concerning the way plants use the sun's energy to grow.

They said that scientists hope to utilize this knowledge to turn solar rays into industrial power.

They also asserted this knowledge could assist tremendously in increasing crops, and in altering plant growth to make it most suited to man's needs.

A Soviet specialist, Dr. A. V. Palladin, told the congress that great new opportunities have been offered to science in the study of the brain by the use of radioactive isotopes.

Cow Stops N. Y. Traffic

NEW YORK (CP)—Hundreds of passersby stared and traffic stopped in New York's busy financial district Tuesday as a cow wandered through Wall Street for the first time in more than 150 years.

Louise Manning, a blonde "milkmaid" led "bossy" up the steps of the stock market entrance at 11 Wall Street, a few dozen feet from the trading floor, to mark the opening of trading in common stock on Foremost Dairies Inc.

The company, one of the largest units in the dairy products field, serves 30 states and has more than 200 processing and major distributing plants in the United States.

New Extract May Aid In Heart Ailments

LONDON, Ont. (CP)—A London doctor has announced discovery of a "r" extract which may surpass digitalis, a drug valuable in the treatment of certain heart diseases.

Dr. Arthur Vogelsang said Friday that preliminary studies of the new extract indicate it gives better results than digitalis and at the same time fewer unpleasant side effects.

Dr. Vogelsang's report is published in the current issue of the Canadian Medical Association journal.

The new compound was extracted from the bulb of a common flower—the star of Bethlehem—by Dr. R. A. Wand, head of the department of pharmacology at the University of Western Ontario.

Dr. Vogelsang said the new drug, when compared with digitalis, improves heart action, increases fluid excretion and causes less nausea and vomiting.

Digitalis, which is extract from the leaves of the love, is given in instances where poor heart action results in impaired circulation and consequent retention of fluids which tend to fill up body cavities and tissues. It was first used medicinally in 1785.

ST. LAWRENCE CONTRACT

TORONTO (CP)—The Ontario hydro said Saturday it has awarded a \$4,374,020 contract for channel improvements and pier construction in the St. Lawrence river to Canadian Dredging and Do Co. Ltd., the lowest of three companies bidding. The work, near Chimney Island, is to be completed July 1, 1958.

SHEEP INFESTED

EDMONTON (CP)—A number of farmers have reported sheep heavily infested with ticks, says A. J. Charnetski, Alberta's livestock commissioner. Spring lambs showed heavier tick concentration than older ewes and infested flocks lacked bloom and condition.

Commission Has Trouble With Scenic Lookouts

CORNWALL, Ont. (CP)—Disappearing rapids and a river that won't stay where it has been for centuries are only two of the problems that plague Ontario Hydro Commission's efforts to build scenic tourist lookouts along the St. Lawrence seaway route.

Hydro has planned two lookouts—one overlooking the seething Long Sault rapids, the other a platform above the Cornwall transformer station just off the present Highway 2.

But next spring the rapids won't be there. The river will be rerouted for construction purposes, flooding them out.

And the view of the transformer station?

This fall, seven miles of high ways will be relocated, carrying tourists back from the construction area. A side trip will be necessary to reach the lookout.

And that isn't all. The area to be flooded on Canada's side of the river—close to 30,000 acres—means that a 40-mile piece of scenic highway which now follows the river, must be moved three miles away from the water line. Reconstruction will take some time.

One of the most interesting sights will be the moving of the community of Iroquois to the site of New Iroquois. But the tourist must be careful to pick dry weather to see these operations, or he may lose his car in the mud.

But hydro hasn't given up. It sponsors guided tours of construction projects for interested groups. Eventually its lookouts will be completed and easy access provided.

By next summer they should know where the river will be. Then the self-guided tour will come into its own.

BEACHES PLENTIFUL

Hundreds of beaches of golden sand dot the 11,000-mile Australian coastline.

Plaque Recalls Port Royal

ANNAPOLIS ROYAL, N. S., (CP)—More than 100 Acadians gathered here Tuesday to watch Resources Minister Lesage unveil a plaque commemorating the founding of Port Royal, second oldest permanent white settlement in North America.

The unveiling took place near the reconstructed headquarters of Samuel de Champlain who planted the flag of France behind the hastily-erected palisades of Port Royal in 1605 and went on to found Quebec three years later.

St. Augustine, Fla., is the oldest permanent white settlement on the continent.

The brief ceremony was one of the events marking the bicentennial of the Acadian expulsion, highlighted at Grand Pre Monday when representatives of four nations paid tribute to early Acadian settlers and the descendants who returned to Nova Scotia and New Brunswick.

OLYMPICS PRESIDENT

Australia's Prime Minister Robert G. Menzies has accepted presidency of the 1956 Olympic Games.

RECORD REGISTRATION

There were 2,682,430 passenger cars registered in Canada last year compared to 2,513,754 in 1953.

CHANGED INTERESTS

Sir Christopher Wren, architect of famous St. Paul's Cathedral, London, as a young man was interested in astronomy.

SWISS CELEBRATION

TORONTO (CP)—More than 200 of Ontario's Swiss immigrants celebrated 664 years of "unity, fellowship and solidarity" in their homeland here Friday night. I. Sembelli, Swiss consul here, told the gathering there were 15,000 Swiss in Canada with 3,500 in Ontario.

LESS WORK

EDMONTON (CP)—Alberta poultry commissioner Robert H. McMillan says poultry can be fed once a week instead of three times a day through use of a 10-by-12-foot hopper with a roof designed to shed water. Grit, shell, grain and mash are placed in the hopper.

FORMER COACH ARRESTED

TORONTO (CP)—Leslie Chew, 39, one-time Toronto Marlboro hockey coach, was arrested Thursday on two charges of theft and one of fraud in what police described as "a television set racket." Officers said three TV sets were involved. They said two

SHELTER ATTRACTS CROWD

TORONTO (CP)—The Toronto Telegram says an H-bomb shelter it built at Toronto's city hall has attracted 4,000 visitors since opening Thursday. Maj.-Gen. F. F. Worthington, Dominion civil defence chief, officially opened the concrete shelter in a ceremony attended by federal, provincial and metropolitan Toronto officials and representatives of the army, navy and red cross.

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