

Glass Seen Container For Nuclear Material

By IAN DONALDSON
Canadian Press Staff Writer
HALIFAX (CP) — A Canadian research scientist said Monday one of man's early inventions may become a safe storehouse for dangerous nuclear by-products including strontium-90.

Dr. A. K. Bancroft, assistant research officer with Atomic Energy of Canada Limited at Chalk River, Ont., told the 42nd annual convention of the Chemistry Institute of Canada that radioactive fission products can be buried safely and economically in glass.

About 300 chemists are attending the three-day sessions which began Monday.

Dr. Bancroft said glass "containing rather large amounts of fission products" had been processed at Chalk River. "The operation was completely successful," he said.

"The processing of these fission products into glass will be small but important operation in the nuclear power system."

The processing system was "simple . . . and costs are quite acceptable."

SLOW TO DISSOLVE
Laboratory tests indicate that only about one one-millionth of a reasonable sized piece of glass dissolves in water in a year. Little of the fission products would escape if the processed glass were "buried and forgotten."

Dr. Bancroft's paper was the first of more than 125 to be presented.

The annual business meeting earlier Monday elected Dr. E. Gordon Young of Halifax, director of the National Research Council's Atlantic regional laboratory, as president of the 7,000-

member C.I.C. He succeeds C. E. Carson of Toronto, vice-president of Imperial Oil Limited.

Dr. Richard H. Manske, director of research for the Dominion Rubber Company in Guelph, Ont., was awarded the C.I.C. medal given annually for outstanding contributions to Canadian chemistry.

In a panel discussion on first-year failures at universities, Dr. R. P. Graham, chemistry professor at McMaster University in Hamilton, Ont., said eight of 10 freshman failures at the university "admit they don't work hard enough."

HIGH SCHOOL WORK
Dr. Francis J. Toole, dean of graduate studies at the University of New Brunswick in Fredericton, said "the university has been required to do high school work too long."

G. W. MacKenzie, of the Nova Scotia education department, said high school problems have grown with a mushrooming enrollment. He said the number of students in grade 12 in Nova Scotia has increased 20 times since 1900. Seven per cent of those who started school in 1900 finished the 12-year course. About 37 per cent complete it now.

Dr. William Gnypp, assistant professor of chemistry at Essex College, Assumption University of Windsor, Ont., said the first-year student is "lost when he arrives."

Reds Warn On Arming

MOSCOW (AP) — The Soviet Union has told the United States that arming NATO countries with nuclear weapons and missiles "entailed extremely dangerous consequences for peace" and conflicted with the aims of the Geneva Big Four conference.

The news agency Tass said Saturday a Soviet note especially singled out the arming of West Germany and expressed the hope that the U.S. would refrain from any action "that might increase international tension."

The note was one of several handed to ambassadors of North Atlantic Treaty Organization powers in Moscow.

SUMMER STUDIES
MONTREAL (CP)—Dr. H. B. Reiss, chairman of the German department of McGill University, has planned a summer trip to Europe to study in several world-famous libraries.

also a meeting to select a public speaking contestant for the Club Rally held on May 9 each member choosing their own subject.

The next meeting will be held at the home of Kenny MacDonald with Reggie Coady and Kenny MacDonald on the program committee. The meeting was adjourned after which Mrs. Crane served lunch.—Bruce Pippy, Secretary.

Seaside Calf Club met in Brackett Point Hall on May 11, with ten members answering the roll call. The President called the meeting to order and the pledge was repeated in unison. The minutes of the previous meeting were read and approved. Letters regarding the Club Rally, Accident Survey, and Judging Class were received and discussed. The study material was on "Health of the Herd".

A judging class was held at Fred Hughes on May 14. One new member joined. There was 35 cents taken in as a fine. Sandra MacFarlane and Reggie Mosher will be on the program for the next meeting. The roll call will be answered with a city in the world, population, and what it is noted for. The program was held and the meeting adjourned. Sandra MacFarlane, secretary.

Springfield Calf Club was held at Paul Hagen's home with eleven members present. Roll call was answered by each member naming their favourite breed of cattle. Roll call to be answered next meeting by each member naming a good point of a dairy cow.

Treasurer reported balance on hand—\$47.36.

Another meeting was held at Blair Sinclair's with judging class on May 19, 1959. Marjorie McKay, Secretary.

The Pleasant Valley 4-H Club held their regular meeting at the home of Mrs. Milton Weeks. Eight members answered roll call by naming their favorite T.V. program. It was moved and seconded that we have both Holstein and Shorthorn calves for 1960.

The members were asked to canvas the district to find out who would like to have their names stenciled on the mailboxes. Each member to have a one minute speech for May meeting. Place of next meeting, Mrs. Milton Weeks. Meeting closed with "God Save the Queen", followed by a delicious lunch. Gordon MacInnis, Secretary.

Triple "M" 4-H Calf Club held their first judging class of the season at the farmstead of Mr. Walter Dingwell. The members judged and placed four Ayrshire cows. Mr. MacLean gave reasons for one cow being better than the other.

The business meeting was then conducted in Mr. Dingwell's home. The meeting was opened by the President, Blair Webster, having the members repeat the 4-H Pledge. There were fourteen

SHIP LOADS AT SOURIS

The Blue Prince of Newfoundland registry docked in Souris Sunday to load 250,000 pounds of frozen cod, haddock and flounder for the Boston firm of O'Donnell—Usen Inc. The ship was due to leave this morning. Looking over the loading operations here are Bob D'Entremont, manager of Usen Fisheries Ltd. and the ship's skipper Captain Gillette. The Prince was loaded by Usen Fisheries Ltd. and Eastern Fisheries of Souris.

AGRICULTURAL NEWS

P.E.I. Department of Agriculture

NEW APPROACH
Land is our chief resource but we are wasting much of this valuable asset. A large number of vacant farms can be found on Prince Edward Island. Agriculture is a basic industry upon which every other industry depends. Agriculture is changing. It is not too much to say that in ten years most present day farm methods will be obsolete. What are we doing about it?

Again I have not heard any good reason why a good living can't be made off a farm and why our vacant land cannot be taken up again and utilized to the full with profit. But our farmers must change their methods drastically to meet needed changes in production pointed out by ag-marketing practice, and changing consumer demand.

PLANNING
There is no sense being short sighted in agriculture; it demands careful planning and the emphasis on giving the consumer a high quality product that has worked well in industry. Artificial temporary aids like floor prices are good in only a limited way. Hard facts must be faced; and, for example, if the Texans can sell their carrots effectively in our own stores when we're growing them here and can't sell them, we simply have to learn how to grow and sell carrots properly.

How to do it? I suggest that everyone concerned with agriculture, and indeed any industry, might read Margaret Leatherbarrow's book "Gold in the Grass," the story of how her husband, who was not a farmer, bought a rundown farm of one hundred acres on which nothing would grow, and in seven years, and against every obstacle, changed it into one of Canada's finest and most efficient farms by using his imagination, finding out the facts, and changing methods.

Seven years ago farmers laughed at him; today farmers and agricultural students flock to his farm in Almirra, Ontario, to see it and get his advice. There's gold in the grass right here too. But we need nothing short of a complete revolution in farm methods to get it.

AYRSHIRES
The method of identification in Ayrshires is either tattoo marking or photograph. The herd letters and year letters are put in the right year.

The registration and transfer fee are: membership \$5.00 registration females under six months, \$2.50 for members and \$5.00 for non-members; 50 cents per month after six months with a maximum of \$10.00 for both members and non-members. Males must be from R.O.P. cows classified good or better. If they are registered under six months the fee is \$5.00 and \$10.00. 50 cents per month is added after six months. If the cattle are transferred within thirty days the fee is \$3.00 for both members and non-members. 50 cents additional for each month after thirty days out to a maximum of ten dollars in both cases.

CLUB NEWS
The Souris Yaks of Souris Line Road held its monthly meeting on May 8, 1959, at Souris Line Road South School. The meeting was called to order by President, Gerald Clinton. The Local Leader, Father John Cash was present.

The meeting was called to order by the President who led in reciting the 4-H Pledge. Seventeen members answered the roll call. The minutes of the previous meeting were adopted as read. Business arising from the minutes concerned that of a project.

The following projects were suggested and members were to choose any one: (1) Cleaning barns and barnyards. (2) Fixing gateways. (3) Painting posts and (4) Painting and fixing mailboxes.

Leaflets on how to make a rope halter were given to the members by the Club Leader, Father Cash. The members were questioned by Father Cash on the "Care and Feeding of the Calf".

It was moved by Remegis Grant and seconded by Gerald Keys that the meeting be adjourned. The date of the next meeting will be decided upon at the first judging class. Gerald Clinton, President; Mary MacAulay, Secretary.

York Point Project Club met at the York Point School on May 11. Twelve members were present. The meeting was called to order by the president, Lois MacKinley, and the 4-H Pledge was repeated. The minutes of the previous meeting were read and approved.

It was moved and seconded that each member pay their \$1.00 for garden seeds. The roll call for the next meeting is to be answered with suggestions for raising money for club purposes.

The business meeting adjourned. The program consisted of a study on "Sportsmanship", followed by a questionnaire on this subject.

Ft. Augustus Beavers 4-H Club met in Waterville School on May 8. It was called to order by the President. All repeated the 4-H Pledge. Business arising from minutes consisted of names of those who have calves.

The members gave their speeches and Maureen Walsh was selected to represent the Club at the Club Rally. The Club Leader said he would look after some entertainment for the Club Rally.

Roll call at the next meeting will be answered with a make of car. Literature was distributed among the members. A quiz was held on "Sportsmanship". Collection amounted to \$1.07.

Some of the members have decided to have a project club, since they are unable to secure a calf. It was decided to have the next meeting in Ft. Augustus School, June 12. Henry McGuirk and Frances Murnaghan were asked to get program for next meeting. Leo Walsh, Secretary.

Hazelbrook 4-H Club meeting was held at the home of Mr. Bruce Crane. Meeting was opened by repeating the 4-H Club Pledge. Roll call was answered by twelve members, each answering by a way to care for their calf. They welcomed one new member to the club.

A judging class was held at Elmer Meyer's on May 4; and,



SWIVEL IN...
SWIVEL OUT...
Dodge-style!

Stylishly styled Dodge Viscount—another Chrysler of Canada quality product.

SEE the CRAFTSMAN Power Mower, first at—
Simpsons-Sears
Charlottetown Store

18 in. ROTARY Power Mower

What A... Deal!

Our lowest priced 18" rotary power mower! Efficient 2 1/2 hp. 2-cycle engine with rope start. Stamped steel housing has side trim and front discharge. Easy-running 6" steel wheels with nylon bearings. Height of cut from 7/8 to 2 3/4". Buy NOW and Save!

ALL Craftsman power mowers available on Simpsons-Sears easy payment plan with no down payment.

18" power mower with Lauson 2 1/2 hp. 4-cycle engine. Side trim close to trees, etc. Cut adjustable from 3/8" to 2 3/4", heavy-gauge stamped steel housing. Tubular steel handle. **54.99**

Would normally sell for \$10 more. 19" mower Lauson 2 1/2 h.p. 4-cycle engine. Finger-tip height-of-cut adjustment from 3/8" to 3". Recoil start. Staggered wheel design. **72.88**

We recommend this 20" Craftsman power mower with its custom 4-cycle 2 1/2 hp. engine. New self-starter and engine control on handle. Finger-tip cut adjustment from 3/8" to 3". **99.50**

Shop and Save at SIMPSONS-SEARS 129 Kent Street Dial 3188

DODGE SWIVEL SEATS let you get in and out of your new Dodge as easily as you'd settle down in your favourite easy chair! Front seat swings out to meet you (or your passenger), swivels you gently into position and locks automatically. Easy on your clothing! Easy on you!

And that's only the beginning of Dodge ease. For improved Torsion-AIRE suspension makes Dodge easier to ride in. Total-Contact brakes make it easier to stop. And convenient push-button transmission makes your Dodge as easy to drive as it is to look at!

Yet grand as it is, Dodge is easy to buy, too. Why not learn for yourself—soon! Whether you choose a spirited Dodge Eight or a top-performing, dollar-saving Dodge Econo-Flite Six—you'll find our special summer deal hard to resist. Visit our showrooms today!

Dodge Push-Button Drive puts a new kind of convenience in driving range selection. No lever to manipulate. Just press a button; Dodge automatic transmission does the rest.

Dodge Total-Contact Brakes stop you more easily with less push. Last longer, too, because entire lining makes contact with brake drum.

Dodge Torsion-AIRE Ride is far superior to ordinary coil springs—keeps you comfortably level through the tightest turns or over the roughest roads.

QUALITY BUILT
Quality Built to the highest standards of automotive craftsmanship by Chrysler Corporation of Canada, Limited.

Swing into our showrooms now! Get our Dodge-style deal today!

REMEMBER TO DRIVE SAFELY: MAY IS SAFETY MONTH

W. G. BARBOUR LTD.
127 EUSTON ST., CHARLOTTETOWN