

# Big 3 Roll Back Atomic Curtain In Data Exchange

By RONALD BATCHELOR  
 GENEVA (Reuters)—The United States, Britain and Russia further rolled back the "atomic curtain" Wednesday by exchanging fundamental secrets about how to measure neutrons.

Physicists from the three countries at the atom-for-peace conference opened files carefully guarded for 10 years to disclose basic research essential to the design of atomic power reactors.

Six days ago, Russia surprised the delegates from 72 nations by revealing secret details about the process of atomic fission. On Wednesday, the British, American and Russian physicists laid out the "blueprint" for the measuring of the neutrons (atomic particles) of uranium 233 and 235 and of plutonium the major materials of nuclear fission.

The news of the exchange came from Dr. Donald Hughes of Brook-

haven National Laboratory, Upton, N. Y. He told a press conference the scientists discovered, to their amazement, that during the last 10 years they have moved to virtually the same point of knowledge despite the fact that no conclusions were shared.

The information now is part of the record of this conference. It will mean a big boom in research to smaller countries anxious to tool up for the atomic industrial era.

An American delegate pointed out Wednesday night that both India and Japan are "determined, anxious and able to exploit atomic power on a large scale" and predicted that they "will be revolutionized by this process in the next quarter of a century."

Japan is expected to be the first Far East nation to get atomic power plants in working operation. The U. S. paper on neutrons was presented by Dr. Vance L. Sailor

of Brookhaven. It summarized all American research on this subject which Sailor said was "the key-stone to the entire technology."

**BETTER AND SAFER**

Dr. Hughes, chairman of Wednesday's session, said the information disclosed not only will permit the building of better and safer reactors, but will save an immense amount of time for physicists in laboratories all over the world.

The candid exchange, he said, was "certainly unusual, if not unique, in science."

Wednesday's sessions, on the fourth day of the conference, also produced these highlights:

1. Dr. A. J. Cipriani of Canada said that even other emergency conditions, radiation can be controlled within acceptable limits. He said this was proved during the dismantling and repair of the NRX atomic pile at Chalk River after it was damaged in 1952. Dr. Cipriani is director of the biology and radiation hazards control division at Chalk River.

2. Dr. A. A. Letavet of Russia said his government allowed only six-hour days and gave vacations of at least 24 days to atomic plant workers, to prevent radioactive illnesses.



## HOOKED RUGS PROVE INTERESTING

A group of housewives stop to inspect the hooked rugs on display at the Women's Institute booth at the Provincial Exhibition. The selection of design and colour in these exhibits is causing widespread comment and attracting a large number of would-be purchasers to the booths.

Hours of patience and meticulous work go into the making of such rugs as are being displayed this year.

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## City and Central

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**PIERCE'S CASH AND CARRY**—At the Fat Stock Show held Tuesday at the Provincial Exhibition. Pierce's Cash and Carry purchased a choice steer through their buyer, Mr. Fred Turner.

**ENGAGEMENT**—Mr. and Mrs. Smith MacFarlane, Harrington, P. E. I. wish to announce the engagement of their eldest daughter, Audrey Ruth, to Nicholas, son of Mr. and Mrs. James Kanellos, Toronto, Ont., marriage to take place at Toronto in the near future.

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**GARAGE OWNERS**, we resize pistons, fit pins and align roads. Maritime Motor Supply.

**HUNTER RIVER** Beauty Salon closing for holidays Aug. 22 to Sept. 12.

**THE FUNERAL** of Mrs. James Rogerson of Crapaud will be held Friday from Westmoreland Baptist Church, service starting at 2 p.m.

**POLICE COURT**—At City Police Court yesterday morning, five persons charged with assault and two persons charged with disorderly conduct appeared before Magistrate K. M. Martin. All were remanded to Friday morning.

**MAGISTRATE'S COURT**—A city man charged with drawing unemployment insurance benefits illegally while employed, appeared in court, magistrate's court in Charlottetown yesterday before Magistrate Gilbert Gaudet. The defendant was ordered to make restitution and fined, the total including costs amounting to \$270. The offense occurred last winter.

**GOLDEN ANNIVERSARY**—Mr. and Mrs. Fred MacDonald, Mt. Stewart, celebrated their golden wedding anniversary on Wednesday, August 17. Their immediate relatives and some close friends were present at dinner when Mr. and Mrs. MacDonald were presented with gifts in honor of the occasion and also received congratulatory messages from friends who were unable to be present.

**LEFT FOR ALBERTA**—Miss Jean Halliday of Eldon, has left to begin work with the Dept. of Agriculture, Home Economics Extension Service, Alberta. Miss Halliday received her B.Sc. degree in Home Economics from Mount Allison University in 1950, and for the next 2 years worked as Assistant Dietitian in the Provincial Sanatorium in Charlottetown. For the past three years she has taught Home Economics in the High School in Sackville, N. B.

**STRESSED DANGER**

3. Dr. Jack Shubert of the Argonne National Laboratory warned that even with top safety conditions there could be accidents, and that radioactive isotopes swallowed, inhaled or injected into the blood stream could cause "acute or chronic injury or death."

4. It was announced the U. S. is producing zirconium, one of the most important metals used commercially in atomic reactors, and is the only country able to do so.

Dr. Charles Eichen, chief metallurgist of the French Atomic Energy Commission, said the U. S. produced 5,000 tons of the metal last year and planned to produce 30,000 tons this year. Zirconium is non-corrosive and is used in atomic plants for canning nuclear fuel elements.

**TOURISTS! VISITORS!**

A copy of Charlottetown's Centennial Booklet will be a valuable keepsake for the years to come.

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**BIRTHS, MARRIAGES, DEATHS**

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**BIRTHS**

**QUINN**—At the Charlottetown Hospital on August 9, 1955 to Mr. and Mrs. Louis Quinn, a son, Barry Michael.

**SHARKEY**—At the King's County Hospital, Montague, on August 14, to Mr. and Mrs. Gerald Sharkey, Cardigan, a son.

**DEATHS**

**SHEDDOW**—The death occurred at her home in Millview on Wednesday, August 17, of Margaret Sheddow aged 88 years. Funeral from her late residence Friday, Aug. 19 with service in the home at 2 p.m. Interment Pownal Cemetery.

**JOHNSTONE**—At the Prince County Hospital Aug. 17th, 1955, Oscar Johnstone of Long River, aged 78 years. Remains will be forwarded from Davison's Funeral Home to his late residence this evening where funeral service will be held on Friday at 2 p.m. (S.T.) Interment Geddie Memorial Cemetery.

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**PERSONALS**

Mr. Frank Newsome, Rose Valley, was a visitor to Charlottetown on Wednesday, August 17.

Friends of Mrs. Gregory Lewis will be sorry to learn she is a patient in the Charlottetown Hospital. All wish her a speedy recovery.

**Preparing For Reunion of Old 2nd Siege Bty.**

More than fifty members of the 2nd Canadian Siege Battery Association have signified their intention to attend the meeting and dinner of the organization to be held at the Queen Hotel tonight, marking the sixth reunion since 1919. The last meeting was on August 14, 1953.

In a letter received yesterday from Fred Williams, Battery Sgt. Major, residing in Vancouver, B. C., to Secretary Rex Kieley, regret was expressed that the writer could not meet with his old veteran friends at this time so far away, adding "I recall most vividly our leaving Halifax on the White Star Liner S. S. Lapland on Friday, Nov. 26, 1915 and arriving at Plymouth Sound on Oct. 5 and being hustled off to Horsham, Sussex where we arrived at 9:35 p.m."

The present officers of the Association are G. E. Ritchie, Honorary President, Archie Potter, Springhill, N.S., President, Allison Tait, Vice President, Rex Kieley, Secy-Treas. Members of the Executive are: Herb MacEwen, Major MacNevin, George Sherren, Arthur Stone and Logan Milton.

**MAY CHANGE SWIM ROUTE**

TORONTO (CP)—Official of the Canadian National Exhibition said Wednesday next month's Lake Ontario swim may have a Canadian twist as a United States starting point. They said difficulties encountered by entrants of no-Canadian nationality in obtaining visas for entry to the U.S. may make it necessary to start from a beach at Niagara-on-the-Lake instead of Youngstown.

**N. B. Man Found Beaten To Death**

WOODSTOCK, N. B. (CP)—A 50-year-old man was found bludgeoned to death in a shack six miles south of Woodstock this morning.

The victim was identified as James Collins.

Mr. Knowles, a second man in the Memorial Hospital here last night, police guard in connection with the slaying of Collins.

The fatal beating is believed to have taken place about midnight.

**Former CNR Freight Chief Appointed To Commission**

OTTAWA, (CP)—Leonard J. Knowles, acknowledged as top expert in the complex field of railway freight rates, has been appointed to the board of transport commissioners which regulates Canadian railways.

It was learned that appointment of the 68-year-old retired freight chief of Canadian National Railway was approved at a cabinet meeting Tuesday, effective Sept. 1. The post carries a salary of \$12,500 a year.

Mr. Knowles succeeds O. A. Matthews, 63-year-old chartered accountant who is expected to be retained as part-time financial adviser to the six-man board.

Mr. Knowles has been acting as traffic adviser to the board for about four years since his 1952 superannuation from the CNR. He was assistant to CNR

**Outstanding Exhibits**

over 600 units, neatly sewed together, and entered by a 92 year old Wood Island West lady, Mrs. Margaret Manning, North River.

**OTHER HIGHLIGHTS**

Following are some of the highlights of the other sections. In the children's smocked dresses, one of blue and white, printed nylon by Mrs. J. R. Rankin. The quilt exhibit contained two most interesting designs, one a Tweedsmuir, by Mrs. Ernest Ladner of North River, with the floral emblem of each of the Canadian provinces beautifully quilted on a dark diamond-shaped base with light background, the other a design of birds, applied and embroidered to a color texture almost natural to the species of bird being represented.

Nursery rugs, ones of landscape and floral design were all entered with special mention to those of Mrs. Ray Carr of Stanhope, Mrs. Wilfred Pickering of Kensington and Mrs. John Irving of Murray River. The most interesting picture on Angus Cluny's unique, oval-shaped, braded door-mat made of binder-twine and dyed a deep red.

A fine exhibit of basketry by Mrs. George MacLeod of Graham's Road marked the most appearance of such a class in the show.

Leather work featuring some finely carved women's hand bags forms part of an exhibit in which the work of Albert Aitken, Lower Montague, Mrs. Donald Stewart of Spring Park Road, has a fine example of a coat of arms surrounded by metal etching featuring the Island Coat of Arms surrounded by Maple leaves.

A beautiful piece of wood carving done in mahogany and featuring the civic seal of Charlottetown, Randolph Manning, North River is receiving favourable comment.

Mr. Herbert Baxter who judged the photography has labelled this part of the exhibit as the finest yet shown. Featured are the work of some of the Island's leading photographers including Roland Taylor, Mrs. Frank Ross and Mr. Robert Donnelly.

**BEST SHOWMAN AT FAIR**

Pictured above is Clair MacLeod, 17-year-old junior farmer from Long River, judged the best showman at the Fat Stock Show held on Tuesday. He is holding the Hereford steer which he purchased from Canada Packers last January and which was auctioned along with 38 others.

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**CHAMPION SHORTHORN**

Harry Zinc, head farmer for Cyrus Eaton at Upper Blandford, N. S. is seen holding the grand champion male Shorthorn of the Provincial Exhibition. Mr. Eaton's cattle made an exceptionally fine showing at the Fair.

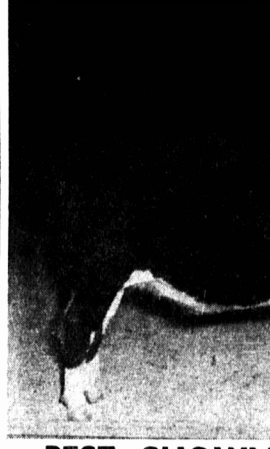
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**JUNIOR CHAMPION**

Max Thompson of Victoria is "Romandale Re Echo Sovereign" topped his class of eleven being going on to take the championship.



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**MANSLAUGHTER CHARGE IN HALIFAX ACCIDENT**

HALIFAX (CP)—A charge of manslaughter has been laid against Gerald C. Burnett, alleged driver of a car that careened onto a downtown sidewalk Aug. 11 and fatally injured Mrs. William Esson of Knightstown, Ind.

Burnett appeared in police court Tuesday and was remanded until Aug. 23 to naval custody pending examination for signs of amnesia.

Mrs. Esson and her husband were walking along the street shortly after arriving here on vacation when the car swerved from the street and smashed through the window of a store. Mr. Esson received minor injuries.

**Forest Travel Ban In N. S. Is Lifted**

HALIFAX (CP)—Lands Minister Colin Chisholm revoked Wednesday a forest travel ban imposed July 8 when fires, irrevocably menaced the woodlands of Nova Scotia.

Rain has fallen in most areas during the last few days. The hazard also was lessened by excessive humidity.

**Two Killed At Crossing**

KESWICK, N. B. (CP)—A man and a woman were killed instantly Wednesday morning when their car smashed into the side of a Canadian Pacific Railway train at Rockland, two miles from here.

One of the victims has been identified as Genevieve Currie, 26 of Montreal, a daughter of Mr. Justice L. D. Currie of the Nova Scotia Supreme Court. RCMP are withholding the second name pending notification of next-of-kin.

A CPR report said the car was heading toward Fredericton, eight miles away. They said the car skidded for 65-feet before hitting the side of the coal-burning locomotive.

The train was travelling about 30 miles an hour on the Chipman to Woodstock line.

They said the crossing was level and marked with crosses-board signs, but was not equipped with flashing lights or warning bells.

The CPR official could not recall any other accident at the crossing. Weather at the time of the accident was cloudy and dull.

**Young Brothers Die In Old Refrigerator**

PHILADELPHIA (AP)—Two young brothers playing in an abandoned refrigerator were trapped and suffocated Tuesday night.

The victims were Lee Andrews, 2, and his brother, Lewis, 5, whose bodies were discovered by their mother when she opened the refrigerator in a vacant first-floor apartment of their north Philadelphia tenement.

CANADIANS NOW

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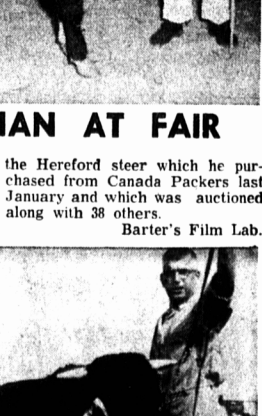
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## Shorthorn Classes Provide Very Keen Competition

Keen competition was provided in the Shorthorn breed at the Provincial Exhibition yesterday with the herds of Cyrus Eaton, Upper Blandford, N. S., Athol Roberts of Southport, and Lyle Boswell of Charlottetown. R.R. engaging in a three-way struggle for top honors. The Eaton herd was successful in taking top awards in the male section while Roberts and Boswell took command in the female section.

The junior championship male and reserve were won by the Eaton herd with "Deep Cove Iron" and "Deep Cove Model Monarch". The Nova Scotia entry also took the senior male championship along with the grand and reserve grand male championship.

Mr. Athol Roberts had the grand champion female with "Tea Kay Dee 4D" while Lyle Boswell won the reserve grand championship with "Tull-Monarch Fashion Leader." Daniel Jewell took the reserve female championship with "Lad Violet 7th".

Out of 17 entries Mr. Roberts was able to capture six firsts, four seconds and four thirds, along with a championship and grand championship. Lyle Boswell had a championship and a reserve grand, along with five

firsts, four seconds and four thirds. Dan Jewell along with winning the reserve female championship took home three seconds and five thirds. Leigh Brown of York was in the win column quite often and made a good showing for himself. The entry from the P. E. Island Shorthorn Breeders Association—"Muirside Landmark"—was senior male reserve champion.

Mr. T. C. Amos of Moffatt, Ontario, who judged the breed said that the qualities of ruggedness and thickness were quite prominent in the exhibits shown yesterday. Mr. Amos said that the top animals in the show would hold their place well in any Canadian competition.

Following is the prize list:

**CLASS 6—Shorthorns:**

Sec 1: Junior calf male born after Dec. 31, 1954 and before May 10, 1955—1. Lyle Boswell; 2. Leigh Brown, New London; 3. D. P. Jewell, North River.

Sec 2: Senior calf male born July 1, 1954, to Dec 31, 1954—1. Athol Roberts; 2. Lyle Boswell; 3. Athol Roberts.

(Continued on page 13)



POSTED TO REGINA

C. F. N. Athol G. Vessey has spent his leave with his parents, Mr. and Mrs. R. R. Vessey of this city, left last week for Regina, Sask. Having completed courses at R. C. E. M. E. School, Kingston, Ontario and Technical School, Moncton, N. B., he has been posted on the Staff of Electrical Mechanical Engineers.

**SEEKS REMEDY**

The low standard of living in our lying villages is a major problem in Iraq.



ART SHOWING AT CIVIC CENTRE

Considerable interest has been aroused and is being sustained in the showing of water color and oil paintings now displayed as a "Centennial Exhibit" at the Civic Centre under the auspices of the Prince Edward Island Art Society. An outstanding contribution has been made by Mrs. A. E. Davies, president of the Society and her associates, towards the

success of Centennial Year in arranging this showing as well as other major efforts in the field of art.

Among the 43 pictures shown are productions by: Marion Bain, Dorothy Christie, Gladys Curran, Mrs. P. A. Creelman, Marion DeBlois, Dorothy Ellis, Gladys Ellis, Isabel Fraser, Elaine Harrison, Mrs. T. Geucheff, Evelyn Ings, Mrs. B. B. Jones, Nora Langworth, Mrs. Willard Mackay, Mabel McCulloch-Gass, Katherine Murchison, Kitty Saunders, Florence Simmons, John Taylor, Annie Watson, Eleanor Wheeler, A. L. Wright, Ruth Wright, Lloyd Wonnacott.

The exhibit continues until August 20.

Photo by W. Taylor

## OLD HOME WEEK '55

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BEEF LIVER LB. . . . .	42c	REGULAR KLEENEX	2 Pkgs. 39c
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CAMPBELL'S VEGETABLE SOUP	2 FOR 27c	MARVEN 4 OZ. BOX POTATO CHIPS	2 FOR 49c	CALIFORNIA GRAPEFRUIT	6 for . . . . . 29c
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