

# Scientist Claims Russia Can Build Hydrogen Bomb if Needed

Editor's Note: The United States is now reported to be considering whether to manufacture a hydrogen bomb, which has been estimated to be up to 1,000 times more powerful than the atomic bomb which leveled Hiroshima. Two big questions are posed in connection with this decision: Would Russia make a hydrogen bomb? Can Russia make a hydrogen bomb? In the following interview with United Press Pavlo D. Lysenko, brother of one of the top Russian scientists gives his views on these questions.

By GENE D. SYMONDS  
(United Press Staff Correspondent)  
New York, Jan. 28 (AP)—A top Ukrainian scientist who broke with the Soviet Union says that Russia has "as much or more" atomic know-how as the western powers and would not hesitate to build a hydrogen bomb if the Kremlin thought it necessary.



Pavlo D. Lysenko, once one of the top Soviet industrial chemists and a brother of Trofim D. Lysenko, leading Soviet biological theoretician, said in an interview yesterday that the Russians would not be stopped from building an H-bomb because of moral or financial reasons.

He said that if Russia decides, or already has decided to build an H-bomb, they have the technical know-how to do the job.

Lysenko said Russian experiments with atomic energy, combined with what he had learned through espionage, placed them at least on a par with the western powers in atomic knowledge.

Lysenko broke with the Soviet regime shortly before his capture by the Germans in 1942. He was brought to this country last year by the International Rescue committee to enable the government to make use of his knowledge.

Since that time he has kept himself informed on scientific developments in Russia through Russian publications and "other sources," presumably other eastern European expatriates. He said that through Russian technical publications available here and the "other sources" he was able to have a fairly complete picture of scientific study in Russia.

He said recent "acquisitions" of huge portions of China by Russia would give it the great amounts of uranium needed to build a large stockpile of atom bombs.

Asked whether he thought the manufacture of the hydrogen bomb now by the U.S. would help to prevent war, Lysenko said the Soviet government "does not take the hydrogen weapons and thinks the way to victory will be through political blunders" committed by the western powers.

Asked if he thought war was inevitable between Russia and the western powers, Lysenko said "the key to war or peace lies with the United States."

He said he would elaborate on how the key to peace lies with the U.S. in an "open letter to Stalin" which he plans to publish in the near future.

Lysenko said that unlike the psychological situation in America whereby the atomic weapons are looked upon as absolute weapons, Kremlin planners think of them merely as subsidiary weapons to be correlated with other methods.

Lysenko is living in the New York City area with his wife and two young children under the protection of the International Rescue committee and a security agency of the government.

## Larson Is President Fruit Growers Group

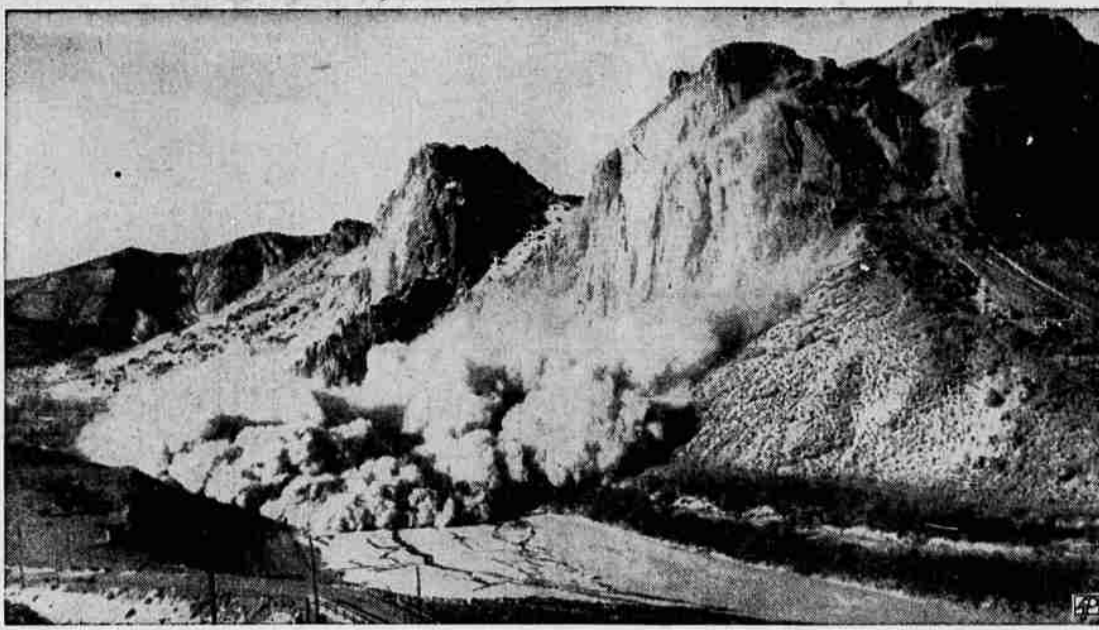
Woodburn—A. L. Larson of Woodburn, Route 2, was elected president of the Woodburn Fruit Growers Cooperative association during the organization meeting of the board of directors this week. He succeeds Harry Wilkins. Other officers elected were Oscar Gregerson of Woodburn, Route 2 as vice president and Mrs. Ina Mills of Woodburn, re-elected secretary-treasurer. Election of a manager was postponed until a later meeting.

## Linn County Bank Deposits Decrease for Second Year

Albany—Linn county bank deposits slipped for the second consecutive year during 1949, and were slightly more than \$1 million below the 1948 mark, a survey of statements of ten Linn banks and two post offices showed. The deposit figure as of December 31, 1949, was \$34,786,989.42 or 2.6 per cent under the 1948 deposits, a compilation of bank statements revealed. The drop of deposits over the previous year amounted to \$1,010,212. Deposits are up, however, by nearly \$2 million over the July 1, 1949 figure. Bank deposits in the four Albany banks were \$17,830,993.23, and the deposits in the remainder of the county were down to \$17,155,996.19. In line with the deposit decline, loans by Linn banks swelled 5.4 per cent last year. But the increase came almost entirely from three Albany banks which showed loan increases of 9.9 per cent. Overall the banks of the rest of the county showed a 2.1 per cent drop in loans. The biggest bank in the county remained last year the First National of Lebanon, which showed \$8,990,817.40 in deposits and \$3,529,286.33 in loans on its books. Its resources at the end

of 1949 amounted to \$9,552,322. Second largest was the Bank of Albany with \$5,588,343 in deposits, and third is the First National Bank, Albany branch, with \$4,794,171, which ended up the year barely \$4,000 more in deposits than the Albany branch of the U. S. National. For the whole county last year, commercial deposits totaled \$23,612,923.38 and savings deposits totaled \$10,046,213.04. Loans outstanding December 31 totaled \$13,333,005.17, and the resources of the 10 Linn banks were \$32,791,149.16.

Koreans Plan Trip  
Seoul, Jan. 28 (AP)—The five members of Korea's national assembly who will seek continued U.S. economic aid in Washington will leave for the United States Feb. 1, their chairman, Shin Ik Hi said today. They plan to remain in Washington three weeks.



Big Noise in Wyoming—Contractors on the Boysen Dam, Wyoming, needed 150,000 cubic yards of rock fill so they exploded two carloads of TNT in the side of a mountain along the Wind river. The roar could be heard 50 miles away.

## Hopeless Youth Wins Diploma

Chicago, Jan. 28 (AP)—Friday was graduation day for an 18-year-old paralyzed youth whose doom was pronounced by physicians more than two years ago.

Lying helpless in bed at his home at 2746 Windsor avenue on the northwest side, Paul Nelson, Jr., received his high school diploma from Dr. Herold C. Hunt, superintendent of Chicago schools.

The former Amundsen high school athlete has been completely paralyzed since August, 1947, when his spine was severed in an automobile accident. The doctors said his case was hopeless, that he had only a few weeks to live.

So Paul, who has never given up hope of complete recovery, was taken home to die. Paul's father, a clerk, said his son never has been informed of his hopeless condition.

Three times since physicians pronounced him doomed, the plucky youth, who has shrunk from 195 pounds to a mere 70, has observed birthday anniversaries which medical men said in each instance would be his last.

But Paul has hung on grimly never losing hope, a fact which the elder Nelson believes is responsible for his son's continued survival.

Paul is graduating with a straight "E" (excellent) average. Since his accident, he has taken oral instruction from a special teacher.

The Twentieth Century Fund reports that the largest part of America's wartime increase in total output came from the fact that more people worked rather than from increased productivity.

## Scientist Predicts 9-Hour Moon Trip by Rocket Ship

Lincoln, Neb., Jan. 28 (AP)—Some day about 50 years from now, a space ship may make the 240,000-mile trip to the moon, and return to the earth within 24 hours.

That is the belief of J. P. Colbert, professor of civil engineering at the University of Nebraska. He is confident science will solve the problem of fueling a giant rocket ship for the expedition by about the year 2000.

According to Colbert's predictions, the ship will take off at an almost perpendicular angle and hurtle through the air at the necessary seven - miles - per - second "escape speed." Once the plane is clear of the air surrounding the earth, he said, its rockets can be cut off and it can coast through space a large part of the time.

He estimated the journey will take about nine hours. The aircraft will have to land stern-first, Colbert said, using its rockets to break the impact of the landing.

The arrival on the moon will be timed for the "dawn line," just as that planet's 336-hour "day" is beginning, Colbert said. The temperature there reaches the hotter-than-boiling point of 214 degrees when the sun is directly overhead, he noted, and the two-weeks-long "nights" get as cold as 215 degrees below zero. Therefore men must plan to arrive at the most temperate time, he explained.

Astronomers believe men can remain safely on the moon one or two hours before beginning the return voyage, Colbert said.

The takeoff from the moon will be far easier, he said, since its gravity is only one-sixth as strong as the earth's.

Unmanned, guided missiles undoubtedly will be used on

## Prof. May Have Been Sacrificed

Manila, Jan. 28 (AP)—Two U.S. professors, hacked to death on a hiking tour, may have been the blood sacrifice of primitive tribesmen. The superstitious natives were trying to restore the fertility of their barren soil by this slaughter.

That is the strange, blood-chilling story that reached the U. S. embassy today from the old head-hunting land 150 miles north of Manila.

Robert F. Conklin and Marvin Pittman, members of the Philippines university staff, were slain with spears and knives on a lonely mountain trail Christmas day. Robbery at first was given as the motive.

James L. Meader, public affairs officer of the embassy, said the new version was brought in by investigators who questioned six Ifugao tribesmen charged with the killings.

By this account, the professors wandered into a primitive village at the wrong time. The tribe was holding a meeting. Witch doctors were looking for someone to sacrifice in order to regenerate the soil. Crops had been bad.

The professors wanted guides, the tribe supplied them. The tribesmen waited at a spot chosen for the sacrifice.

The headman of the village came up with a spear and plunged it into the back of first one professor, then the other. The remainder of the savages then joined in cutting the Americans down.

## Australia, New Zealand Turn To U. S. to Ward Off Red Thrust

By GEORGE McCADDEN  
Sydney, Australia, Jan. 28 (AP)—Concern is mounting in Australia and New Zealand over the southward push of Asiatic Communism and other Far Eastern political developments. Conservative governments of these countries "down under" were swept into power by the recent ousting of entrenched Socialist Labor regimes. Now they are recasting their foreign policies and checking their defenses. Both countries are looking to the Far East and northward to America, and less to London and Europe. Both want United States protection as a cardinal point of foreign policy.

The Communists are driving onward toward the borders of an unstable French Indo-China. The United States therefore refuses to become involved in Formosa. Australians and New Zealanders therefore remember with growing uneasiness their predicament on Dec. 7, 1941. Unrest in Burma, Malaya and Indo-China remind these people of the frightening isolation and the "out on a limb" feeling they endured when the Japanese attacked Pearl Harbor.

Their mounting fears are reflected in the growing space devoted to discussion of Asiatic events and backgrounds in newspapers which a few years ago virtually ignored the Far East.

It is reflected also by the extraordinary importance given to the press attaché to the British Empire conference of foreign ministers at Colombo.

The drift of events today is recalling nostalgically to the people how the United States came to their aid in 1942.

They acknowledge that Britain is deeply committed in Europe and is preoccupied with her recurrent economic crises. These loyal British dominions therefore now hope they can work out effective defense arrangements with the power that saved them once before, the United States.

They also seek closer security arrangements within the British empire as well as some kind of Pacific pact among democratic countries.

But without U.S. support, observers say, the Australasian governments feel a Pacific pact would lack real substance. They also feel they can contribute most in the way of trained men, material and experience to such a pact, next to the U.S. and Canada.

There has been the rise of each new nationalism in Asia and the shrinking of the British empire through the defection of India and Burma, as well as the independence of the Philippines and Indonesia. The realization has deepened, therefore, that an

old order has changed and plans must change accordingly.

Although concern was not so keenly felt a year or two years ago, labor governments "down under" began looking to their ramparts. Their successors are building on these foundations, but with greater pace and increased alarm because of the growing Communist threat in Asia.

To date, the most marked change in foreign policy has been in Australia—a decision to play down the United Nations in favor of more "realistic" potential allies. All-out support of UN was the favorite theme of Dr. H. V. Evatt, one-time president and a founder of UN.

## Girl Now Man Marries Girl

Yonkers, N.Y., Jan. 28 (AP)—A young woman who became a man by surgery has been married—to a girlhood chum.

The recent marriage was disclosed today by an authority who asked that no names be used.

The bridegroom, a slender, dark-haired young man, was known as "Joan" before a series of operations last spring at Yonkers professional hospital and as "John" afterward.

The bride is a New York elevator operator who was a close friend of "Joan" for some years before the operations.

"Joan" was an attractive, boyish-figured 135-pounder who lived 23 years as a girl until a chance physical examination showed male characteristics were present.

Told of this, "Joan" said: "I'd rather be a man."

A two-week series of operations gave the girl her wish.

In male clothing and with close-cropped hair, "John" went to Tennessee for a while but returned here last fall.

Doctors described him as a handsome young man who in all likelihood could become a father.

## Club Board Called

Willamina — The executive board of the Willamina Civic club met Tuesday afternoon at the home of Mrs. George King. Mrs. Harry Shipley was voted in as secretary to replace Mrs. Bob Pinnick, who resigned.

## One-Punch Brawl Involves Singer and Actor on Golf Course

Hollywood, Jan. 28 (AP)—A one-punch brawl on a golf course between singer Johnny Johnston and actor-golfer Joe Kirkwood Jr., was blamed today on "ancient history" and "nasty" stories. The husky Kirkwood, "Joe Palooka" of the movies, was said to have felled Johnston on the second green of the Riviera Country club late yesterday, but the singer denied he went down with the punch.

Screen beauty Cathy Downs, Kirkwood's wife, said the brief fistfight stemmed from an old feud.

"Johnny kept going around for months telling nasty stories about Joe. Johnny didn't want to fight so there wasn't much to it," she added laughingly. "I don't blame him for not wanting to fight my husband."

"Our original trouble was ancient history," Kirkwood said, reluctant to talk about the incident. "It was all a misunderstanding anyway. Johnny just

talked too much at the club to too many people. I really had no alternative."

Johnston, husband of Film Actress Kathryn Grayson, claimed Kirkwood swung at him but missed. They scuffled a bit and both went down, he said, after Kirkwood had been "abusive."

"I talked to him later and told him to stay out of my life," Johnston said. "I also told him that in the future whenever his name came up in a conversation, I would change the subject and he'd do me a favor if he'd do the same."



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