

U.S. to Ban Atom Tests If Soviet Union Concur

WASHINGTON (AP) — The United States intends to go ahead with a one-year ban on nuclear weapons tests beginning today—unless Russia carries out another nuclear test, the State Department said yesterday.

The department made clear the government's position in commenting on Russia's rejection of the one-year suspension proposed by the United States and Britain.

Earth-Heaving Blast Finishes Nuclear Series

ATOMIC TEST SITE, Nev. (AP) — The United States ended its fall nuclear test series yesterday with a record underground blast that ripped a huge hole in the side of a mesa.

The climax left scientists weary from days of round the clock efforts to finish the series by the deadline time.

The climatic shot came at 7 a.m. when the calm of a desert sunrise was rent by a tremendous explosion that sent a 500-foot-wide column of debris soaring 1000 feet over a mesa.

The blast was equal to 20,000 tons of TNT, believed the mightiest underground blast ever. The Hiroshima and Nagasaki bombs of World War II were rated at the same power.

This ended a series unique for two things: 1. A number of low-powered blasts aimed at developing an arsenal of small, easily handled atomic weapons; 2. A number of underground shots designed to explore peacetime uses for atomic energy.

12 Rescued After 6 Days In Coal Mine

SPRINGHILL, Nova Scotia (AP) — Twelve sturdy miners emerged from a wrecked coal mine yesterday with a story of hunger, thirst, prayer, and despair during six black days of entombment.

The 12, rescued at dawn, said they had left dead comrades behind them in their tunnel. But rescue workers dug on, hoping for another near-miracle and that some of the 55 still missing might be alive.

The ordeal for the 12 began last Thursday night when a massive shift of the earth—caused by pressures deep in the mine—trapped 174 men, killing at least 26.

The known death toll rose last night to 31, however. One more body was brought up. Rescue workers said they had sighted four more.

That reduced to 50 the men to be accounted for. Frank Doxey, assistant to rescue director Harold Gordon, said the answer to their fate was at the end of about 420 feet more of the kind of digging, scrabbling and clawing that accomplished yesterday's rescue.

Miners Warned of Cave-ins

HARRISBURG (AP) — Coal mine operations throughout Pennsylvania were alerted yesterday to guard against a recurrence in this state of recent mine disasters in Nova Scotia and West Virginia in the past week.

Bombs Said Planted In Nixon Hotel

WICHITA, Kan. (AP)—Police checked quickly yesterday an anonymous telephone call that three bombs had been planted at the main business district hotel where Vice President Richard M. Nixon was scheduled for an overnight stay.

At the time the anonymous call was received at police headquarters, less than three blocks from the hotel, the Nixon auto caravan was en route to the hotel from the Municipal Airport where his plane landed shortly after 4 p.m. A captain at headquarters who

refused to be quoted by name indicated the call was considered a hoax, but being checked out.

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Nobel Prize for Medicine Awarded to 3 Americans

STOCKHOLM, Sweden (AP) — The 1958 Nobel Prize in Medicine and Physiology was awarded yesterday to three American scientists for their work on problems of heredity.

The work could have strong bearing on the future of cancer research.

One half of the \$41,420 prize goes to Dr. Joshua Lederberg, 33, of the University of Wisconsin and the other half to Drs. E. L. Tatum, 49, of New York's Rockefeller Institute, and George Wells Beadle, 55, of the California Institute of Technology.

The award was the fourth Nobel Prize for this year. The only other Nobel Prize remaining to be awarded—for Peace—will be announced later.

In awarding half of the medical prize to Lederberg the committee said it was "for his discoveries concerning genetic recombination and the organization of the genetic material of bacteria."

The term genetic recombination means sexual life in the world of bacteria.

Lederberg discovered that from

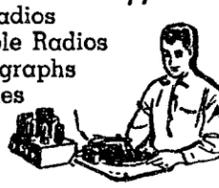
the geneticists' viewpoint "this corresponds exactly to the normal sexual fertilization in the higher organisms."

Prof. Torbjorn Caspersen of the awarding group, an expert on genetics, said this discovery had "offered the first chance to understand the mode of action of the genes" and is one of the foundations of modern genetics.

The research of the two Americans was based largely on a red bread mold called neurospora crassa.

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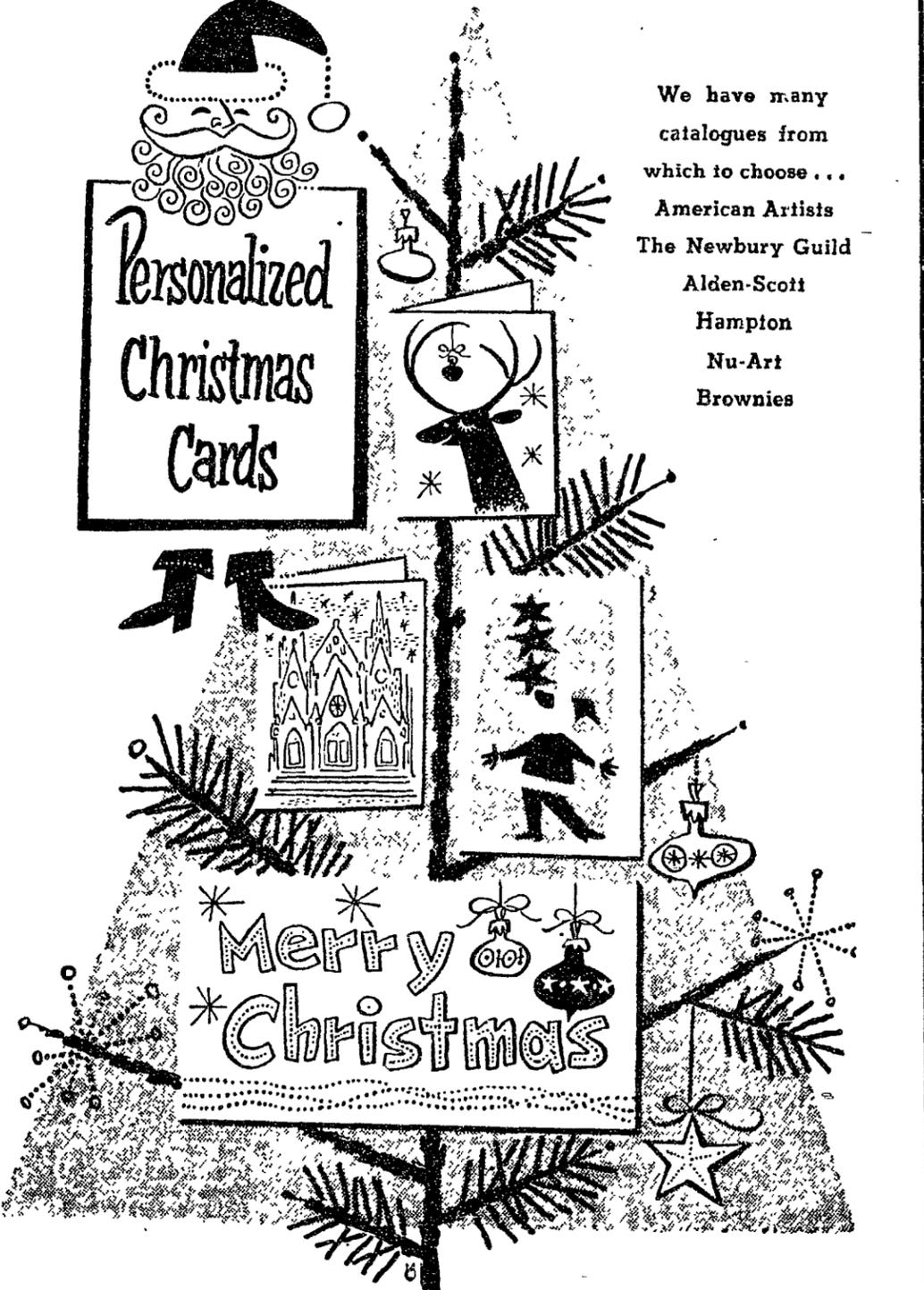


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