

New and 'Cleaner' H-Bombs Said Approaching Production Stage

Washington — (AP) — The Atomic Energy Commission has indicated that new and "cleaner" H-bombs are approaching the production stage.

The indication, confirmed in official quarters, was contained in a cryptic section on "military application" of the AEC's 20th semi-annual report to Congress. The report also noted:

Rapid increases in the family of nuclear weapons, further development of nuclear missile warheads for defense as well as offense, and new record production of nuclear explosives, fuels, and raw materials.

The new H-bombs, on which development progress had previously been disclosed, would generate far less radioactivity than the super bombs now in the stockpile. In war they would poison smaller parts of the planet with deadly fallout.

New Principles
Such an H-bomb, according to

President Eisenhower, would be "more of a military weapon" and less an agent of "mass destruction" than its radiologically dirtier predecessors.

In the report, the AEC said its weapons laboratories at Los Alamos, N. M., and Livermore, Calif., are "working on new principles." It added that its weapon plants are being expanded "to facilitate early production" of new weapons already "conceived in the Livermore laboratory."

The report did not specifically mention the "reduced fallout" weapon. But an informed official source said weapons scientists are moving toward perfection of "cleaner bomb" designs based on information obtained in the test series recently concluded at the Eniwetok-Bikini proving ground.

Radioactive fallout is the result of atomic fission, the H-bomb's nuclear process, creates no radioactive products. But fu-

sion does require a fission trigger. Hence no nuclear weapon is absolutely "clean."

The so-called fission-fusion-fission bomb exploded in the Pacific March 1, 1954, was particularly dirty. Added to the "hot" products of its fission trigger were those of its fusion jacket. They poisoned a 7,000 square mile area on the fallout record of the fission-fusion-fission bomb.

Lt. Gen. James M. Gavin, Army research chief, told a congressional committee a while back that all out nuclear war on a continental scale could kill hundreds of millions of persons.

Scientists have said such a war might doom mankind.

The AEC and Defense Department have never hinted publicly how they can make "reduced fallout" weapons. An obvious approach, however, is to cut down the proportion of fission (radioactive) to fusion (clean) energy.

Pickin' Pears

News and Notes From Camp White

By BILL HURN
E. K. Ricker, manager of VA Domiciliary, gives recognition of VFW and Auxiliary this week as the VAVS group to be honored on the plaque display board.

Military Order of Cooties and Ladybugs under Seam Squirrel Ivan Lusk, and Lady Goldbug Helen Lusk of Medford, aided by Gerald Hill, conducted a cigarette spread Thursday evening to the members.

An all-day Saturday party was Women's Relief corps trip to the Grants Pass Gladiolus Festival for a full bus load of 29. A picnic lunch was provided by the ladies.

VFW auxiliary, department of Oregon, held a game session at recreation center Friday afternoon. Groups included Lelia Birch, Eleanor Sawyer, Pat Close, Mary and Jim Cassel of

Shady Cove, with Medford's Helen Lusk, Alice Beneka, Amy Randall, Eva Pittcock, Hazel Ramsey and Frieda Lawrence officiated.

Blue Star Mothers chapter 2 of Medford hosted wheel-chair members at a theatre party Friday afternoon. Serving were Charlotte Bonner, Ethel Severson, Margaret Naylor, Ora Sweet and Eva Middlebush. A picture was taken for the National organization magazine. It also was the farewell party at Veterans Administration Domiciliary for the men departing for their new home at Reno VA Hospital on Tuesday.

WW I Medford auxiliary featured a well-attended dance Monday night to the Rae Camp White orchestra's music. Punch with home-made cakes was served as supper refreshment by

S. D. HEALTH

Pierre, S. D. — (AP) — One of the "lacks" concerning health in South Dakota is a lack of knowledge of health services available. T. A. Evans, educational director of the state's health department, has been cooperating with the State Agricultural Extension Service in conducting health lessons for home agents. He suggests that counties create an "awareness" of the health personnel shortage and to make good use of facilities now available.

MORE HOUSE BUYERS

Chicago — (AP) — More Americans plan to buy houses this year than last, according to the United States Savings and Loan League.

The ladies.

Ashland Post 14, American Legion auxiliary, entertained at building 218 recreation center Monday afternoon. Ruby Helms, Pauline Craig, Ruth Lewis, Edith Gettling and Mary Lahor with nine juniors along to serve cookies and coffee were present.

The league based its belief on a recent survey by the Federal Reserve Board, which showed nearly 10 per cent of consumer "spending units" planning to buy a house this year. This figure is slightly more than in 1955.

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