

Nuclear Defensive 'Wonder' Arms Disclosed By AEC



LEWIS STRAUSS
AEC Chairman

By FRANK CAREY
AP Science Reporter
WASHINGTON (AP)—The United States disclosed today it is working on the development of nuclear counterweapons designed to destroy intercontinental and other aggressive missiles.

The disclosure came in the 23rd semi-annual report of the Atomic Energy Commission to Congress. Referring to its previously announced weapons tests at Eniwetok next spring, the AEC said: "The forthcoming series will advance the development of weapons for defense against aggression whether airborne, missile-borne, or otherwise mounted."

The government previously has hinted at work on atomic rockets and anti-aircraft shells designed to pulverize airplanes, and has announced development of atomic depth charges to knock out submarines. This was the first official mention of efforts to neutral-

ize missiles with nuclear warheads.

BLAST TEST

Presumably, in the forthcoming Eniwetok tests, the AEC would mount an A-bomb or an H-bomb as the warhead of an actual missile to test the effective scope of the blast at theoretically interceptive ranges.

On other phases of its work, the AEC reported:

1. "Important gains" were made in the last six months in the field of nuclear weapons, especially small weapons for defensive purposes, and weapons designed "greatly to reduce the radioactivity remaining after detonation."

2. Maximum exposure to radioactive fallout from last year's "Plumbbob" tests in Nevada by localities near the site were all below the acceptable level. These localities included monitored sta-

tions in Arizona, California, Nevada and Utah.

3. Average levels of radioactive strontium—a potential producer of bone cancer—in the bone structure of Americans has increased during the past year. But the average is still far below the recommended maximum acceptable level, the report indicated.

4. The use of radioactive isotopes is saving industry an estimated 500 million dollars annual-

ly—representing "the equivalent of a 7 per cent yearly dividend on the more than seven billion dollars in tax money that the federal government has invested on atomic energy plant and equipment between 1942 and 1958."

EMIT RAYS

Radioactive isotopes are ray-emitting atoms which industry uses in the form of gauges, flaw detectors and other applications.

5. Also, in the agricultural use of isotopes, "gains continued to be made in broadened knowledge and improved management of crops and livestock, and of diseases and pests that afflict both."

"Research pointed the way," said the AEC, "to better use of fertilizers, insect and weed killers, and growth regulators, and benefits were in sight from widening experiments with plants and animals."

6. "Considerable progress" has been made in the diagnosis and localization of brain tumors with the use of radioactive iodine and more recently, radioiodine also have been encouraging results with certain other radioactive materials in this use. In these more recent studies, radioactive arsenic has shown particular promise.

REDUCED FALL-OUT

Referring to the upcoming tests of nuclear weapons at Eniwetok,

the report said: "An important objective of the tests will be the further development of nuclear weapons with greatly reduced radioactive fall-out so that radiation hazard may be restricted to the military target. This principle was first proved in the Pacific test series of 1956."

BALLOON USE

Referring to new test methods used in the 1957 Nevada tests—methods in which some nuclear devices were suspended from a balloon or placed deep underground—the report said: "The use of captive balloons to lift the experimental device to an altitude sufficient to prevent the detonation fireball from reaching the ground appreciably reduced local fallout of radioactive materials."

In the underground technique, the report said, all radiation was kept from escaping.

Excavation Work Could Evolve From AEC Tunnel Shot

WASHINGTON (AP)—The possibility of using nuclear explosives for excavation—like a super-dynamite—is being studied by the Atomic Energy Commission (AEC).

"Primary emphasis is being given to the potential excavation application," the AEC said today, adding: "The underground test held at the Nevada test site, Sept. 19, to determine the feasibility of underground testing (of weapons) is expected to provide information which will be of interest to this project."

Giving some details on that 1957 test, the report said:

"A tunnel was dug horizontally into a mesa and at its end was bent in almost a complete circle. A nuclear device of known low (explosive) yield was placed in the chamber at the tunnel's end. This was done so that the detonation would seal off the nearby main tunnel with rocks before radiation products could escape. The experiment's objective of containing all radiation was achieved."

THE CHARLOTTE NEWS

FINAL

Largest Evening Newspaper In The Two Carolinas.
Charlotte, North Carolina, Friday, January 31, 1958

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Young Will Filled

NEWPORT, R. I. (AP)—Robert R. Young, railroad trustee and Newport summer colonist, left all his property valued at more than six million dollars to his widow, Anita (O'Keefe) Young, according to his will filed in Probate Court today.

3 Non-Rebs Fired

TOKYO (AP)—Mao-Tse-Tung today fired three non-Communist ministers from Red China's cabinet. They have been under severe attack for criticizing the Communist regime.

Conviction Upheld

WASHINGTON (AP)—The U.S. Court of Appeals by a 5-4 vote today upheld the contempt of Congress conviction of Harry Sacher, New York defense attorney in Communist cases.

Amateurs Blamed

WASHINGTON (AP)—Gov. Robert B. Meyner of New Jersey today said amateur administrators and politicians in the Eisenhower administration have caused many of the nation's present difficulties.

Here's Help On Finding Home Money

Breathes there a woman who couldn't use a little extra money?

We doubt it — and we're offering some help.

Monday the woman's pages of The News will begin an interesting and helpful feature entitled, "Make Money At Home."

If you'd like to earn from \$5 to \$100 a month doing what you enjoy most right in your own home, this series will help you.

There are money-making ideas for retired people, housewives, teenagers and mothers. There's something for everyone by a woman who appreciates the woman's point of view.

She is Jeanne O. Wellenkamp.

And she points out one thing to remember from the start: Don't lose money trying to make it.

You'll be pleasantly surprised (and rewarded) by this feature, so look for it starting Monday in The News, Charlotte's home-owned, home-edited newspaper.

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(AP Photo)

Putting On The Dog

Chris, 2-year-old boxer owned by the Dr. Frank Spaeth family of Binghamton, N. Y., is dwarfed by the snow statue carved by 14-year-old Barbara Spaeth. The snow dog is colored with coffee and liquid shoe polish.

Slayings Confessed

Killer 'Wanted To Be An Outlaw'

SCOTTSBLUFF, Neb. (AP)—Charles Starkweather, 19, has made an oral confession to 11 killings by gun, knife and clubbing while interjecting the remark "I always wanted to be an outlaw," Sheriff Merle Karnopp said.

Karnopp said Starkweather was "cool as a cucumber" as the teen sat in the back seat of a car on the first lap of a journey back to Lincoln, Neb., Starkweather's home town.

Starkweather is charged with first-degree murder in Lincoln, where 7 of the 11 persons were slain.

Karnopp said Starkweather asserted his 14-year-old girl friend Carol Fugate, who was with him this week, had nothing to do with the killings.

Three members of Carol's family were among the victims. She too faces a murder charge at Lincoln.

Karnopp, sheriff of Lancaster County, Lincoln, related that Starkweather, speaking freely and without a sign of remorse, told him: "I always wanted to be a

criminal, but not this big a one. "I didn't mean for it to be this bad."

"I wanted to be somebody. I wasn't mad at anybody."

The sheriff said, "He told me that he just had a hatred that built up in himself and that since he was a kid he wanted to be an outlaw."

"I have never seen a more vicious mind killer who could talk as cool and collected," Karnopp commented.

Karnopp did not give all the details of what Starkweather said in the 128-mile ride to Scottsbluff from Douglas, Wyo., where Carol was surrendered under gun fire of officers.

The killings that police attribute to Starkweather began last Dec. 1. That was when Lincoln officials

SCHOOL OFFICIAL

William Jansen, superintendent of schools, said Kings County (Brooklyn) Judge Samuel S. Leibowitz had referred to him in the presence of another school official as "arrogant, pompous and swell-headed."

Leibowitz, 61, denied the charge and demanded that the 70-year-old Jansen produce a witness to support his statement.

The grand jury, probing the school situation, was congratulated by Leibowitz for bringing to light "this horrible, miserable mess that is now called our public school system."

The school board, following a 6 1/2 hour meeting yesterday, said:

Our Weather

Fair to partly cloudy this afternoon becoming cloudy this evening with rain or possibly thundershowers later tonight, rain ending tomorrow morning, following by clearing and becoming windy and colder.

Low this morning	36
Low tomorrow morning	44
High today	56
High yesterday	41
High tomorrow	50

Sunrise today 7:23 a. m.; sunset today 5:51 p. m.

More Weather Data on Page 2A

Ike Suggests GOP Platform On Prosperity

WASHINGTON (AP)—President Eisenhower today told Republicans to-day they can campaign on a "five years of prosperity" platform despite the current business recession.

The President told a breakfast, sponsored by the Republican National Committee, that the economy will work up and that year because it "remains basically confident."

"This is a period of consolidation of the gains of recent years," Eisenhower said. "Many people are paying off installment debts. Many business are trimming inventories. The economy is catching its breath for an advance after the last expansion of recent years."

Eisenhower did not predict a Republican victory in the congressional elections next November, but he said:

"Republicans have never sold American free enterprise short—and never will."

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A Single Parking Space, But It's All Legal Until The Meter Time Runs Out

True: 2 Can Be Cheap As 1, And Also Twice As Expensive

By JULIAN SCHERER
News Staff Writer

It cost two bucks to find out, but we did. Two can park as cheap as one in Charlotte.

But if the parking meter jumps to "Violation," two will have to pay the penalty.

The News set out today to find out what would happen if two cars parked in the same meter space.

SAME PENNY

For the same penny, friends, you can park two cars in the space you usually think of for one car.

There are, however, a lot of "ifs" involved. If you have two little foreign models, you may be able to do it.

If, that is, you can find a space big enough. At first glance it appears two Volkswagens could fit into a single space, but it took some doing.

SINGLE SPACE

After bumpers were removed, The News found a single space at 300 W. Trade St. that would accommodate the two cars.

It still took some doing to squeeze the cars into the parking space.

After the cars were parked, Patrolman Johnny Wilkins strolled up, scratched his head and placed a call to headquarters.

"You're not going to get me mixed up in this," he said.

Officer Wilkins figured he may be able to give one of the cars a citation for illegal parking. And, he figured, perhaps a meter violation ticket—when the time ran out for the first car.

Or, perhaps two meter citations.

ROD TO RESCUE

Li Jim Stegall rode to the rescue.

His ruling: If both cars are paid within the white lines, you pay your money, you get to park.

And, he added firmly, if time runs out, there's a citation for both.



(News Staff Photo by Tom Franklin-Hunter)

Officer J. C. Wilkins Tags A "Test Case"

downtown area, came up with only one—a 25-footer—that would accommodate the cars.

"Check back this afternoon," said Lt. Stegall, "and you'll find the white lines on this space repainted."

"I'm calling Herman Hoose right now!"