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Jan 18, 1963

THE SOVIET BLOC PATTERN OF ATTACK

The U. S. has about 3,600,000 square miles. The lethal dose for humans from Fallout Radiation is about 1000r. 200r at H/1 gives about 1000r of integrated dose. 1KT theoretically can provide 3900r at H/1 hour or almost 20,000r integrated dose over a square mile three feet above a smooth plane, or 1000r over 20 square miles if it is detonated on the surface. Thus, theoretically, 180 MT could kill all the people (about 200,000,000) in the U. S.

Practically speaking, we know the Russians could not distribute their bombs in this manner, but it is worthwhile to realize that this is one extreme. In like manner, the Russians (not including China and other Russian satellites) have about 8,000,000 square miles. Thus, theoretically 400 MT might kill all of the roughly 210,000,000 people in Russia. The following statement reported from Berlin on January 16, 1963, is thus understandable if we think of the Russian Satellites as having 100,000,000 and China 700,000,000: *people*

"Soviet Premier Khrushchev told his Communist comrades today the United States has 40,000 atomic or nuclear warheads and Communist policy cannot be based on war.

"If all the American bombs were dropped, he said, 700 million to 800 million people would be killed and whole nations wiped out.

"Communists, he declared, would not even be safe from Russia's own 100-megaton bomb because tests had showed that if it were dropped on West Germany or France the effects 'would hit you'.

"In a wide-ranging speech to the Sixth Communist Party Congress of East Germany, Mr. Khrushchev thus answered the Chinese Communists who have accused him of being afraid of a 'paper tiger' - United States - when he backed down on Cuba.

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"Pouring scorn in Red China's war-and-peace theories, Mr. Khrushchev warned that neither communism nor any one else can win in a nuclear war because it would bring unimaginable destruction. The fight for peace, he went on, is the chief task of communism.

"'Dear comrades, now I tell you a secret,' he said. 'Our scientists have developed a new 100 - megaton bomb. This bomb could not be used in Western Europe because it would hit France and Germany and you too. This bomb could only be used overseas against a potential agressor.'"

We can see that the 100 MT bomb comes pretty close to the 180 MT that would theoretically kill all the people in the U. S. In arriving at the 180 MT it was assumed that each explosion was 1 KT and that the Russians had sufficient forces to deliver 1 per square mile. We know this is impossible; but at the same time, we would assume that bombs would be larger and rather than evenly dispersed, collected around the populated cities.

*DR. McCoy  
Capt USN*

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APR 10 '63



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