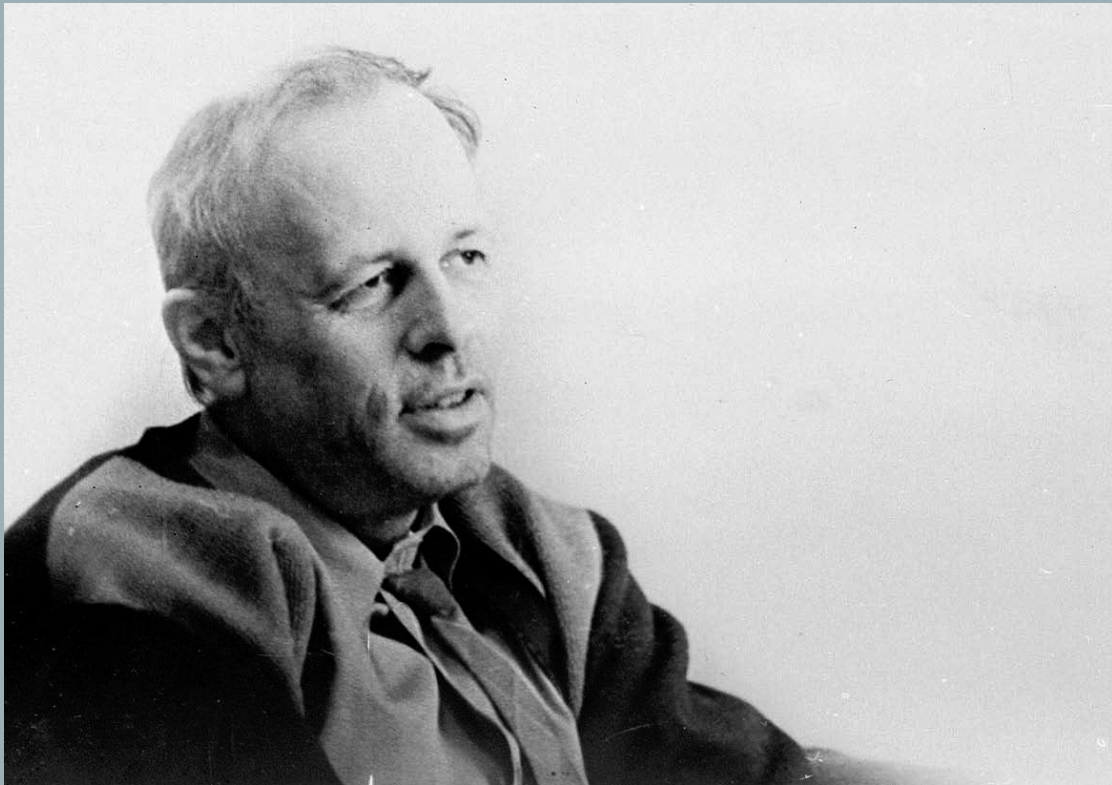


ANDREI DMITRIEVICH SAKHAROV



By Vishnevskkiy Evgeniy

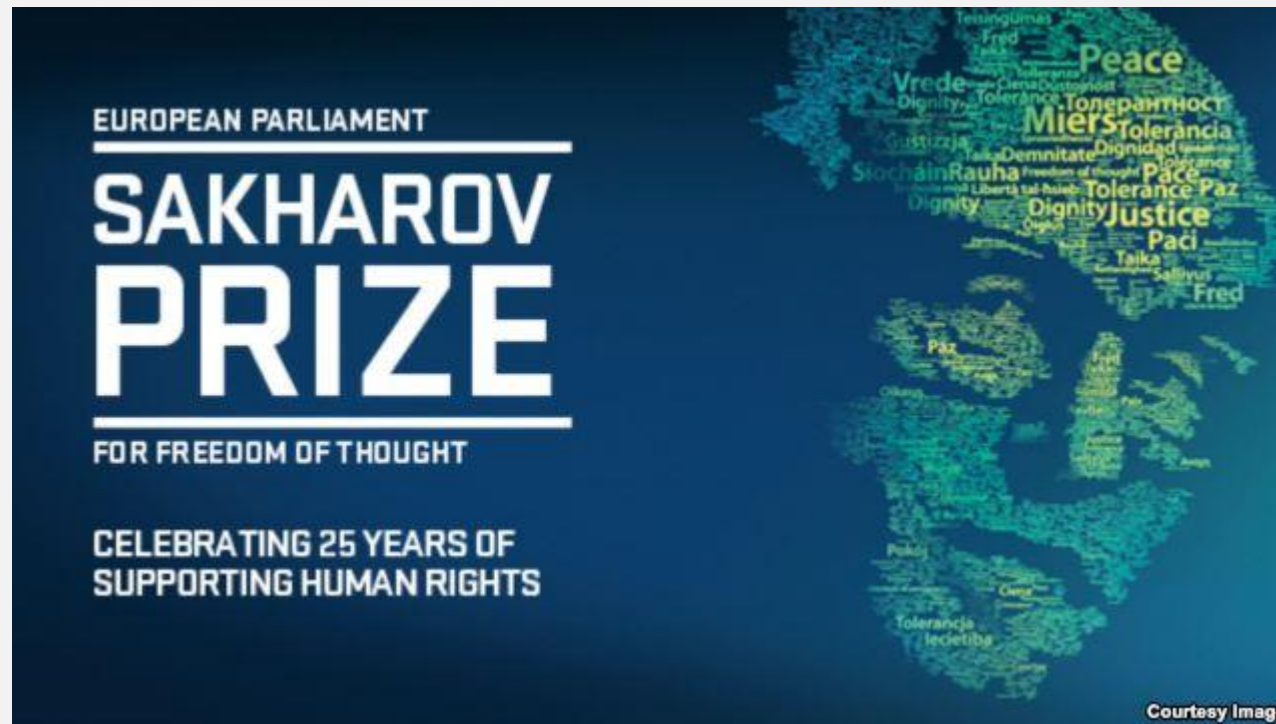
BT15-01



DESIGNER OF THE SOVIET UNION'S THIRD IDEA AND AN ADVOCATE OF CIVIL LIBERTIES



THE SAKHAROV PRIZE



SOVIET ATOMIC BOMB PROJECT

They SHOULD Be Shot—the DOGS!

Berlin, Germany.—(AP)—The mayor of a small upper-Bavarian town found something had to be done about poaching dogs. So he had signs put up, warning dog owners "Those, who have dogs and run around without leashes, will be shot."
A critical citizen said it should be made clear that the dogs would be shot, and not the owners. The mayor had the sign changed to read: "Those, who have dogs and run around without leashes, will be shot—the dogs."

THE DEMOCRAT

AND LEADER

94TH YEAR—No. 298. DAVENPORT, IOWA, FRIDAY EVENING, SEPTEMBER 23, 1949. 26 PAGES. PRICE 5 CENTS

EDGAR R. HARLAN
DEPT. OF HISTORY & ARCHIVES
REC. ROOM 19 108A

Weather
Fair and warmer Saturday.
(See page 12 for details.)



RUSSIA HAS ATOMIC BOMB!

U. S. Learns of Recent Explosion, President Discloses Pentagon Shows Excitement, But Officials Mum

Bargaining In Steel Resumed

Strike Clouds Over Industry Are Lightened.

Russ Possession of Bomb Peace Threat, Congressmen Believe

ALCOA Fights Bettendorf's Adoption Plan

Prepares for Every Legal Step Needed to Prevent Annexation.

For the first time Friday the Aluminum Company of America plant east of Bettendorf openly entered into the fight against the city of Bettendorf's plan to annex a large area east of the city.

U. S. Still Ahead of Russians

No Reason Seen To Believe War May Be Nearer.

Washington.—(AP)—The United States has lost its monopoly on atomic weapons but is still four years and many accomplishments ahead of the Russians.
Those are the stand-out facts in estimates by the best informed government officials of the impact from Russia's atomic explosion on the balance of power between Russia and the United States.
State department officials generally took the line that they did not believe the danger of



JOHNSON QUESTIONED ON ATOM BLAST—Secretary of Defense Louis Johnson, (right) holds his jaw as he is questioned by white house newsmen after leaving a cabinet meeting Friday at which President Truman

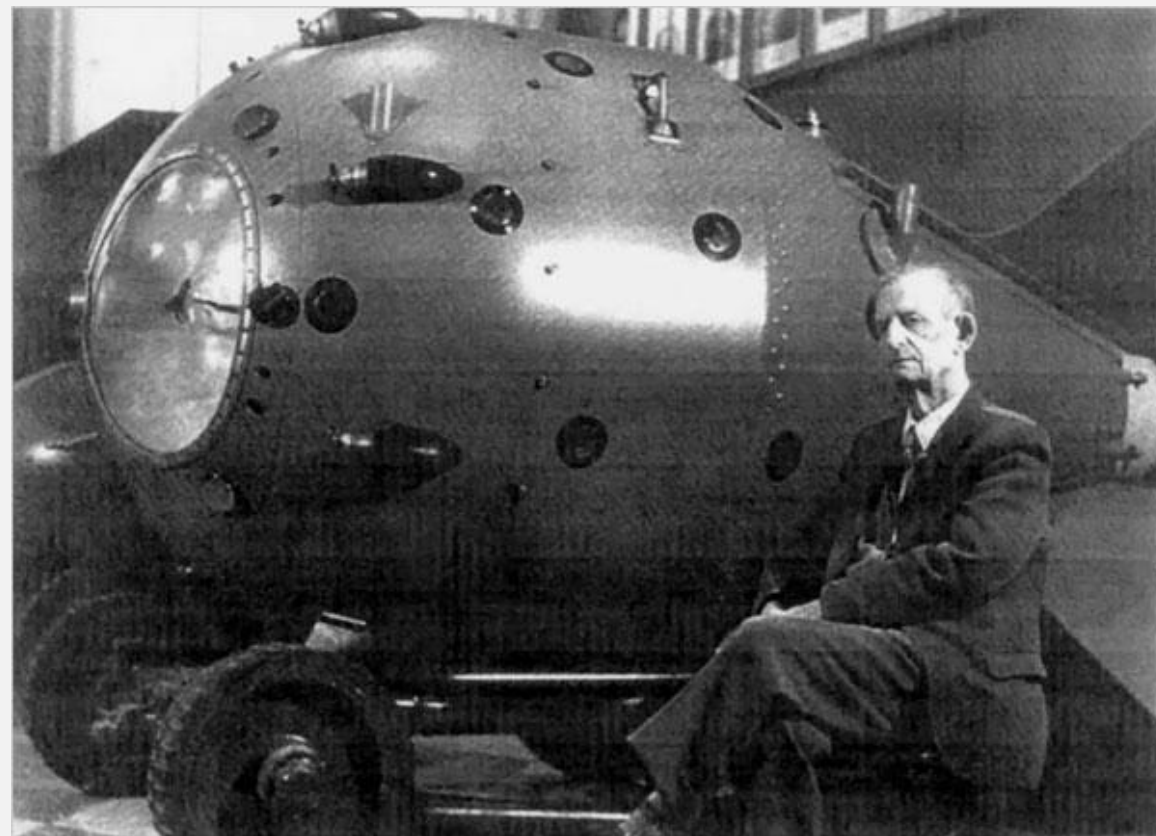
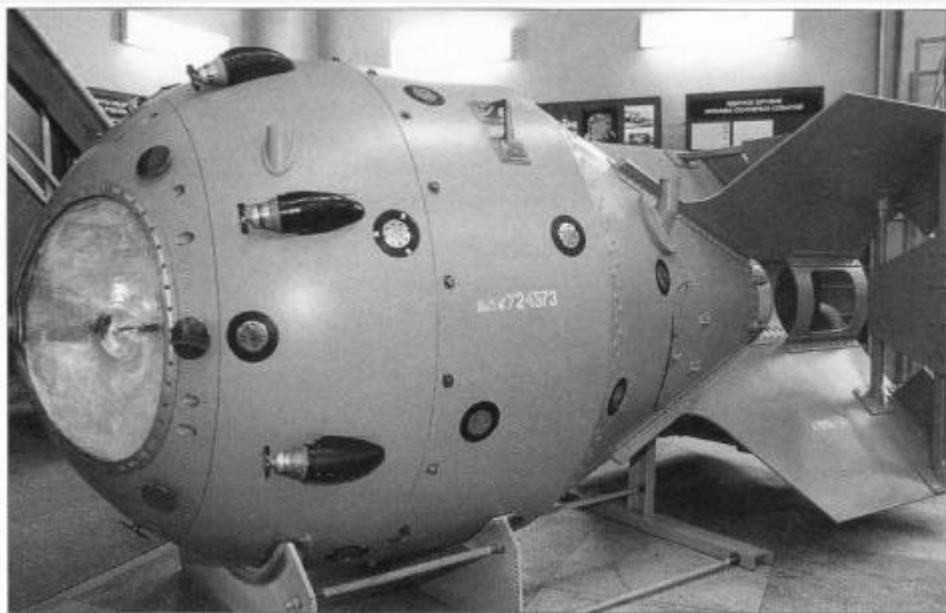
Details on Blast in USSR Not Revealed; Vishinsky Urges Pact

No Change Made in Disposition of American Forces, Johnson Declares; Political Repercussions Expected.

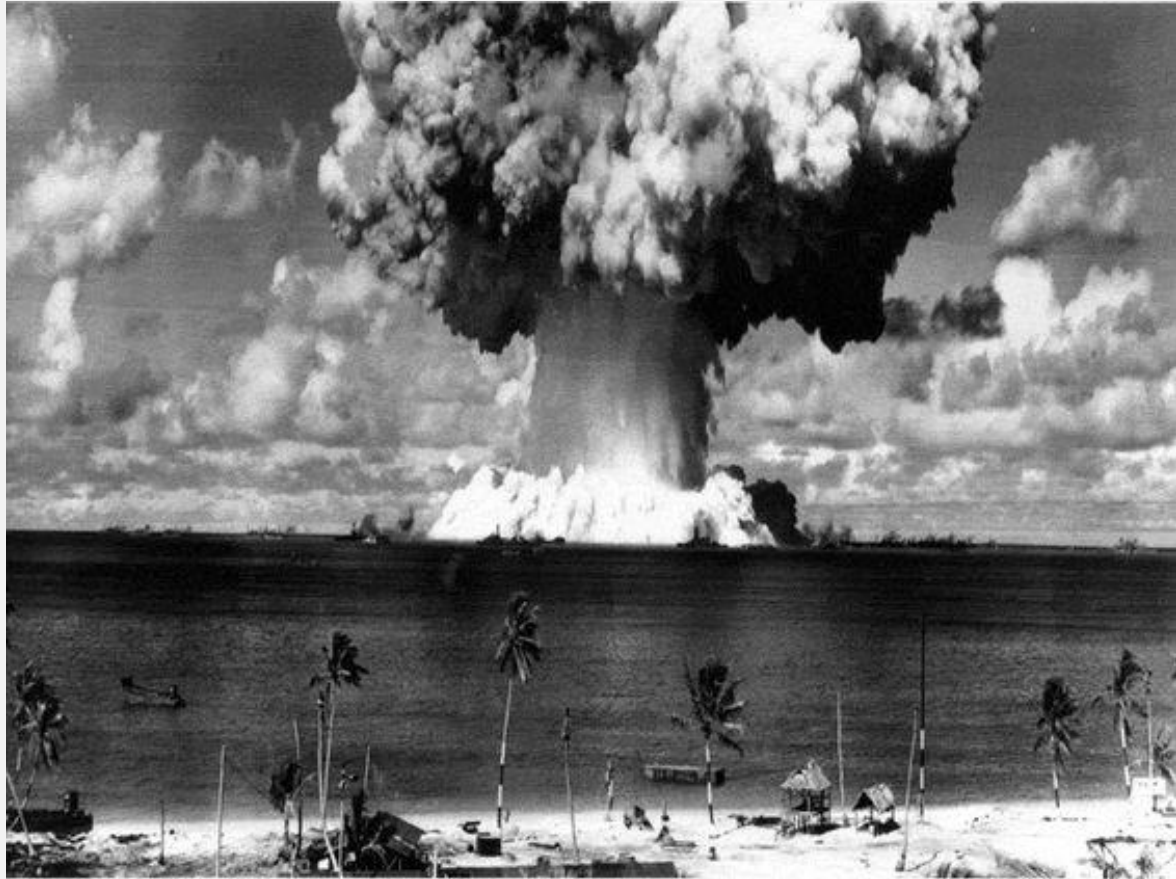
New York.—(AP)—Soviet Foreign Minister Andrei V. Vishinsky called on the Big Five powers Friday to conclude a peace pact among themselves.
He made no mention of an atomic explosion in the Soviet Union in his general policy address to the United Nations assembly.
Vishinsky greeted his peace proposal with his usual electric attack on the western powers.
He charged the United States and Britain are leading plans for an aggressive war.
Washington.—(AP)—The United States has evidence of a recent atomic explosion in Russia—news indicating the Com. members at long last have learned to make an A-bomb.
President Truman disclosed this in a statement Friday. He then held an hour-long session with his cabinet about it.
Mr. Truman said the development emphasizes the necessity for "truly effective, enforceable, international control of



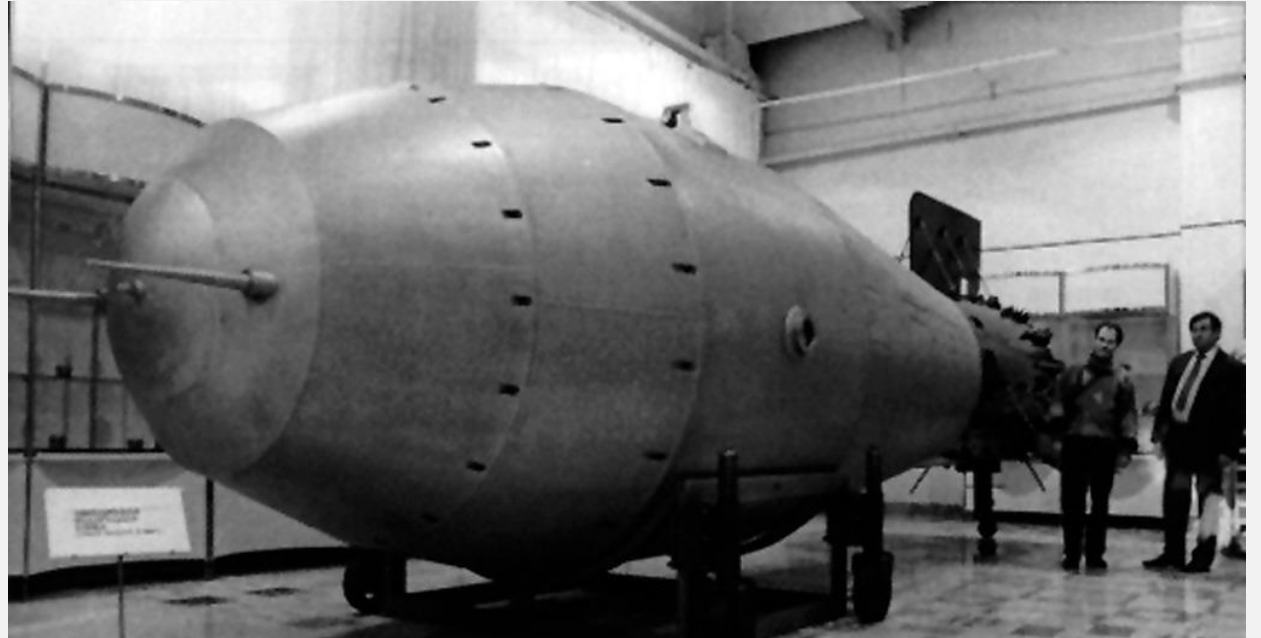
THE FIRST SOVIET ATOMIC DEVICE



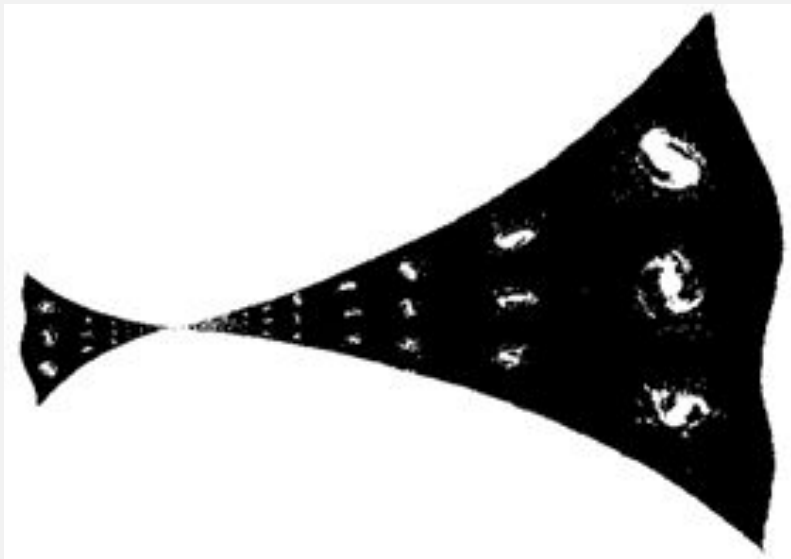
NUCLEAR TESTING AT BIKINI ATOLL



50 MT TSAR BOMBA



RETURN TO FUNDAMENTAL SCIENCE



| | |
|--|---|
| $28 = 13 + 15$ | $12 + 13 = 25$ |
| $\gamma = \text{electron} + \text{positron}$ | $\text{Electron} + \text{Positron} = 2\gamma$ |

| | |
|-------|-------|
| Lydia | Lydia |
|-------|-------|



- 1966-1982
Программа на блет
- Фотон + Гравитон
- 1) Нейтроне горючод.
- 2) Масс. форми для $Z=56$ - металл
- 3) Проблема разн. масс $n-p$
- 4) $L \neq 0$ - Масс
- 5) Грандере и комм. соф. при норме
- 6) Проблема неабсолютности. $\sqrt{12} \frac{1}{2}$ кварков
- 7) Спинорное расщ. гравит. поля
- 8) Лейтоны, как кварки для $Z=6$ нормы
- 9) W-мезон и фотон
- 10) Проблемы мекс. нуль
- 11) Функц. метод решения задач. Келандер и Швингер
- 12) "Именно это я и буду, наверно, Глианский ускоритель" Келандер
- 13) Мегабитрон
- 14)
- 15)
- 16)