

letters

This has been documented time and time again. Is this the sign of a government that wants to be friendly and cooperative? Of course not.

In May 1984, the National Academy of Sciences called off a two-year-old freeze of science exchange with the Russians. Why? Was it because the Russians had gotten more humane in their behaviour? No, it was because the scientists didn't have the guts to continue a policy that was strong and right; rather, they chose to ignore the murder and treachery by Russia, and put a much higher priority on having their own selfish boondoggle trips around the world. That action was a disgrace. It only helps the Russian leaders to stay in power, and tells the Russian citizens that America was wrong, is weak, and has no courage to stand up against the Russians. Americans don't care how many other people are enslaved, murdered or mistreated, as long as it doesn't personally touch them. We should all be ashamed of this action by leaders of NAS.

The freeze originated over the Soviet invasion of Afghanistan. But after protesting for two years, Americans now don't care how many people are murdered by Soviet armies in Afghanistan. Again, the Russians stand fast, the Americans cave in and worry only about their own selfish pleasures.

American religious leaders visit Russia and come back telling how much religious freedom there is in Russia. How dumb can they be? Plenty dumb. They see a little window dressing where a few thousand Russian citizens are not put in prison for attending church, and extrapolate to the general conclusion that religion is alive and well in the Soviet Union. Any physicist who would draw that kind of conclusion from his research data would be thrown out of The American Physical Society. But the media play it up as a big thing and mislead the American public.

I urge The American Physical Society members to maintain a polite but very firm boycott of all Russian communication until Russia abandons its jamming, its Berlin Wall, its mistreatment of courageous Sakharov and similar inhumane actions. The only characteristics that get the attention of Russian leaders are directness, strength, determination and consistency.

G. TRUMAN HUNTER
Oxford, Ohio

8/84

Nuclear war simulation

It is common these days to open a technology-oriented magazine and find

an article describing the effects of nuclear war using results obtained from computer models. Articles of this genre often tend to be impersonal. Being a microcomputer enthusiast, I undertook the task of developing a program to simulate the effects of nuclear war on a more personal level.

The outgrowth of this activity has been the development of a technically correct adventure simulation game entitled NUCLEAR SURVIVAL. Use of NUCLEAR SURVIVAL gives an eye-opening view of what to expect from the "un-thinkable." I would like to announce to your readership that I am making NUCLEAR SURVIVAL available as a public domain program.

NUCLEAR SURVIVAL allows one to use his or her wits to survive a nuclear exchange, hostile encounters, nuclear winter and much more. Through a realistic mix of skill and chance, one vicariously experiences the likely consequences of decisions made in preparing for and surviving a nuclear conflict. In each game, the player may make anywhere from a handful to in excess of 100 decisions, selecting from over 15 000 combinations of items. Each decision and each selection affects health and chances for survival.

NUCLEAR SURVIVAL is a program with about 900 lines of Microsoft BASIC and requires less than 27 kilobytes of computer memory. If you would like more information, send me a self-addressed, stamped envelope.

JOHN R. FRANCHI
P. O. Box 1839

8/84 Broken Arrow, Oklahoma 74013

Classifying research

A recent article (July 1984, page 57) on proposed changes in the system for classifying scientific research contains the following remarks by Pentagon spokesman Frank Sobieszyk:

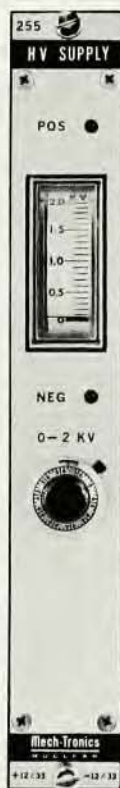
The [defense] department considers [fundamental sensitive] research basically risk free. But it's better to err on the side of caution when a potential risk has been identified.

Nowhere else are the Pentagon's intentions so baldly apparent, and nowhere else do they so clearly conflict with basic Constitutional rights. What makes freedom of speech more than a hollow privilege is that the burden of proof must lie with the government when questions of censorship are raised. The current system—while by no means ideal—does require that the government decide in advance what research has military value. But requiring a broad, ill-defined category of research to be submitted to pre-publica-

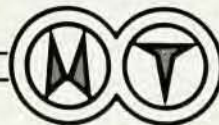
continued on page 90

NEW

2 kV : 2 mA POWER SUPPLY



**Model 255
\$550.00**



- Single Width NIM
- 0 to 2 k V Output with Front Panel Meter
- Reversible Polarity with Front Panel Indicators
- Output Short Circuit and Arc Protected

Mech-Tronics

NUCLEAR

430A Kay Ave., Addison, IL 60101

For more information
WRITE OR CALL COLLECT
(312) 543-9304

Circle number 19 on Reader Service Card

PHYSICS TODAY / DECEMBER 1984

15