

new indicator

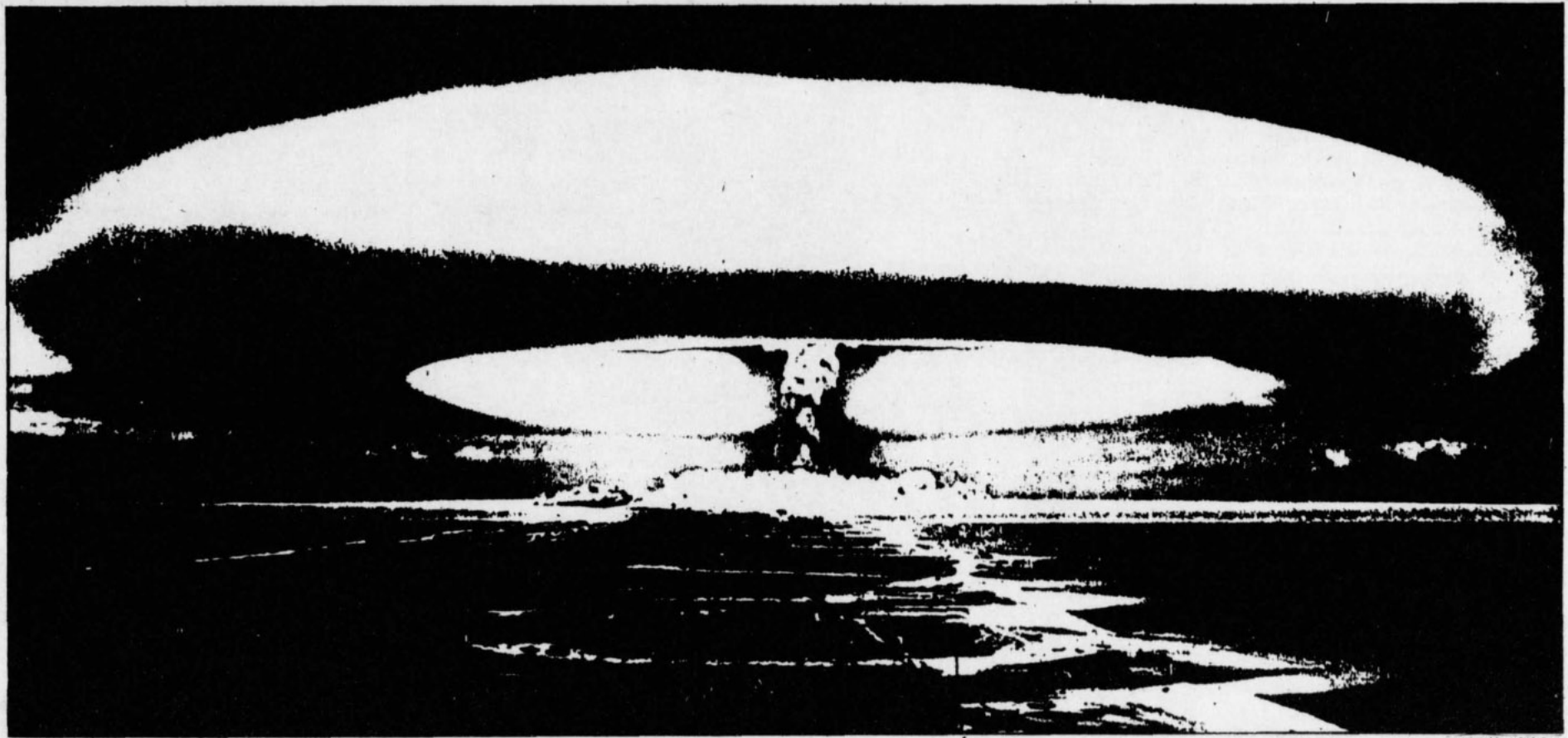
Volume 8 No. 3

16th year of Publication

Published at UCSD

Oct. 20th - Oct. Nov. 1 1982

NUCLEAR WAR ERUPTS!



MILLIONS DEAD IN WAKE OF ALL-OUT WAR

THIS ONLY A TEST... IF THIS WERE A REAL NUCLEAR ATTACK YOU WOULDN'T HAVE TO WORRY ABOUT TUNING IN TO YOUR LOCAL EMERGENCY BROADCAST SYSTEM... IN FACT, YOU WOULD NOT HAVE TO WORRY ABOUT A THING!

The issue of nuclear weapons policy, specifically the recent campaign for a bilateral US-USSR nuclear arms freeze, has raised popular opposition about this issue in the US to a level approaching that in Europe and perhaps the highest level since the beginning of the atomic age.

Among activists, the freeze campaign has raised criticisms from many quarters. As Seymour Melman, chairperson of SANE, points out the freeze initiative falls short of a comprehensive reversal of the arms race and total disarmament. According to Melman the freeze initiative does not "freeze" the 25,000 to 30,000 nuclear warheads in the U.S. arsenal in 1982, when the freeze campaign started. President Reagan has already set in motion plans to increase the nuclear arsenal by some 17,000 warheads which, allowing for retirement of some older warheads, would bring the total up to 40,000 to 45,000. Thus, argues Melman, we would be freezing the arsenal at a level roughly 50-60% higher than the previous level, which was already adequate to destroy every Soviet city of 100,000 or more 40 times over. So now we destroy them 60 times over. Not affected by the freeze are delivery systems, new missiles, "invisible bombers," and "defensive" weapons of nuclear warfare such as new anti-ballistic missile systems, which make the possibility of a nuclear strike all the more real, according to Melman.

Opposition to nuclear arms and nuclear systems must be viewed in the

context of whose interests it has served and its history.

Cause for international concern is over the policy of confrontation rather than negotiation, that the U.S. has maintained since World War II and which has now reached new peaks. The U.S. leadership has used the threat of "Communism" as an ideological tool to maintain domestic uniformity and justify foreign intervention. The creation of the USSR as "The Enemy" through official propaganda has had a double purpose—to divert attention away from domestic problems, and to form anti-Soviet public opinion that will support any sort of foreign policy. In an attempt to prevent loss of American economic influence in Europe and the Third World, the U.S. has developed a military-political strategy which insures the influx of goods and raw materials. This strategy includes economic and military aid to pro-Western dictatorships in South America and Asia.

In 1949, NATO incorporated nuclear weapons as an instrument which has aided the bipolarization of Europe and acted to deter the Soviet sphere economically. Since the 1950's, NATO has maintained and developed a first strike capability against the USSR. The response by the Soviets was the building of a nuclear arsenal.

Less than 25% of the military budget is actually used for "defense" spending, that is, on strategic weapons. Rather, the present arms buildup is one of the conventional weapons. The sale and gifts of conventional weapons (\$15 billion annually) have been used to hold vital U.S. interests in the Third World, and as an attempt to bolster a stagnating economy. However, this welfare system for war-oriented industry is socially unproductive: funneling research, development and production of goods for non-civilian uses and resulting in unusable products.

No Nukes is Not Enough

The recent outcry for armament reduction/freeze must also call for the halt of sales of manufactured weapons, eighty percent of which go to Third World countries who support the policies of the U.S. government, the means of production of these arms, and a total disarmament of nuclear and conventional weapons. We must go on to demand far more than what the nuclear freeze initiative is asking. We must not misrepresent the status quo as being "safe."

The dangers of nuclear weapons and power are not separable nor are they simply ecological. Capitalists are more concerned with today's profits than tomorrow's consequences. Nuclear technology is just one aspect of the madness that is capitalism in both its western ruling class and eastern "Soviet" manifestations. Dioxin, asbestos, Agent Orange, the list of biological horrors inflicted on workers is endless—nuclear weapons is merely the most potentially horrific.

Nuclear technology is a centralizing force that chains generations to the subjugation of corporate monopolies and government manipulation.

The nuclear state is the police state. Because nuclear installations are extremely vulnerable to sabotage the state can and does demand the acceptance of security measures that

would otherwise be unthinkable. "Potential subversive" must be monitored and installations must be guarded, with security forces given wide discretionary powers.

The nuclear state requires a technological elite to expand, and maintain the nuclear industry, and make decisions that we "silly populace" should take as gospel.

No civilization has yet managed to endure more than 1,000 years without a major disruption. The Catholic Church, the most enduring of present day institutions, has managed to barely survive 2,000 years. But the nuclear waste and fallout we must deal with today will be active for the next 250,000 years.

"Nuclear freeze" and "No Nukes Nuclear" is not enough! Nuclear armament and technology is merely a symptom of the disease of capitalism. A disease that places profits ahead of people's health and even their lives. The sterility of liberalism is nowhere more evident than in the anti-nuclear movement. Appeals for reforms within the system and polite protests are dead-ends that the power elite are quite happy to let us explore indefinitely. This is serious business. We are talking about our lives and the lives of our children. The time for direct action is now.

New Indicator
Student Organizations
UC San Diego, B-023
La Jolla, Ca. 92093

Non-Profit Org.
U. S. Postage
PAID
La Jolla, Calif.
Permit No. 256

"Missing" has just those qualities that audiences have been craving from the movies - a sense of passion and a hell of a good story to tell.

David Ansen, NEWSWEEK

missing...

missing...

missing...

missing...



missing.

BASED ON A TRUE STORY.

UNIVERSAL PICTURES and POLYGRAM PICTURES Present
JACK LEMMON SISSY SPACEK
an EDWARD LEWIS Production A COSTA-GAVRAS Film
"MISSING" starring MELANIE MAYRON · JOHN SHEA
Screenplay by COSTA-GAVRAS & DONALD STEWART
Based on the book by THOMAS HAUSER Music by VANGELIS
Executive Producers PETER GUBER and JON PETERS
Produced by EDWARD and MILDRED LEWIS
Directed by COSTA-GAVRAS
Read the AVON Book · A UNIVERSAL PICTURE
PG PARENTAL STRONG CAUTION
© 1982 UNIVERSAL CITY STUDIOS, INC.

MANDEVILLE AUDITORIUM
Friday Oct. 29th 7:00 p.m.
\$1 admission

Also:

Hear Tom Hauser, author of "Missing", speak before the movie.

Co-sponsored by: AS Programming Commission, University Events Office, and Committee for World Democracy and Third World Studies

continued from page 2

Today: Palestine Tomorrow: Lebanon, Jordan, Syria. . .

stripes on the top and bottom symbolize the two rivers, with the Star of David, symbolizing Israel, in the middle. As anyone who dares to look beyond the surface can see, the conquest of Palestine is only the beginning.

As a result of the 1967 war, four more Arab lands were captured by the Zionists in the name of "security." These lands include the West Bank and the Gaza Strip (both Palestine), the Sinai Peninsula (Egypt), and the Golan Heights (Syria). The very same Palestinians who once felt degraded, powerless, and ignored have since organized themselves. The result of Palestinian determination and steadfastness is their representative body, the Palestine Liberation Organization (PLO). As the Zionists murder children and torture unfortunate people who sit in Israeli prisons, the underestimated Palestinian fights that much harder for his/her rights as a human being. The Palestinians are making it perfectly clear that they will not simply retreat into the rest of the Arab world.

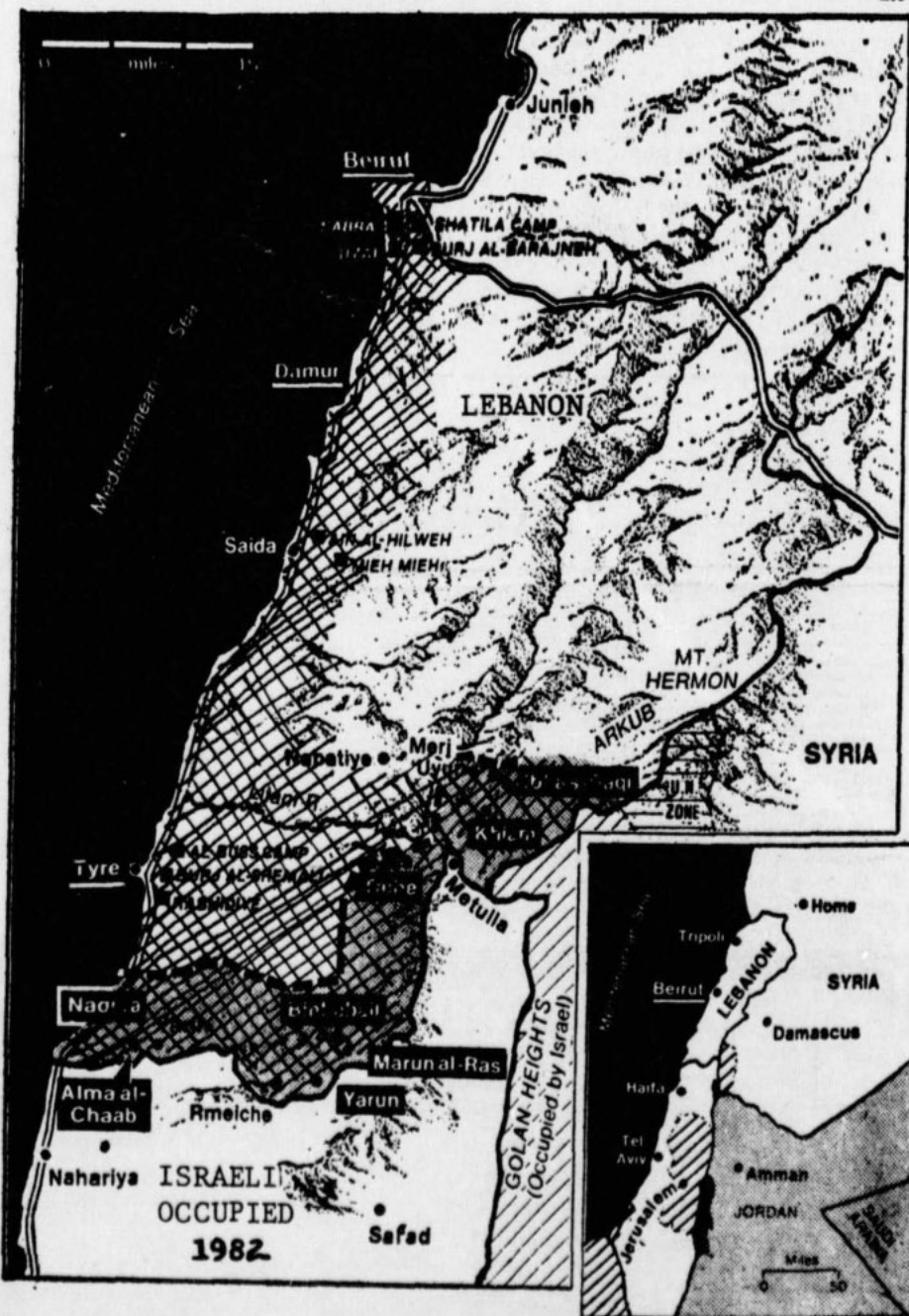
Much of what happened in Palestine is now happening in Lebanon. Palestinian and Lebanese civilians have been murdered and terrorized by Israeli soldiers and their allies, not to mention the schools, hospitals, and homes that have been taken over. The Zionists are again creating a skeleton of power, which they term "a strong, central Lebanese government." They wish to "cleanse" Lebanon of Palestinians, as they did in most of Palestine. The typical Zionist procedure to attempt to silence the Palestinians is two-fold: to deny them their very existence while committing genocide against their people. Zionists are afraid of the truth that the Palestinian carries in his/her heart, so they try to destroy the truth by destroying the Palestinian. Even if they carry out their genocide right down to

the last Palestinian, the truth will come out. Fortunately, this tragedy could not possibly occur. Whenever the PLO suffers some type of military defeat, the Zionists shout "Bye-bye, PLO!" Somehow, the endurance of the Palestinians carries the organization through its crises. A determined PLO can always re-group, but the point is that the 15,000 dead Palestinian and Lebanese civilians cannot rise up from their graves, no matter how determined they once were.

With the majority of PLO out of Lebanon, one must wonder why the Israelis are still there. The soldiers ordered their winter clothing not too long ago, so they obviously do not plan to leave anytime soon. By ignoring the Geneva Convention and going out of their way *not* to protect the civilian population in occupied land (Lebanon), they have caused more Palestinian bloodshed in the massacre of the Sabra and Chatilla refugee camps. They now demand that "the rest of the PLO must leave so as to secure the borders of Israel." Prime Minister Menachem Begin even went so far as to deny his horrible actions in Lebanon in his now-famous statement, "We did not invade a country." These people will not even admit their crimes!

To the Zionists, the path to achieving "Eretz Yisrael" is the genocide of the determined Palestinians who stand in their way. Former staunch supporters of Zionism are now realizing that these people do not want any peace until they have conquered all of "Eretz Yisrael." The late Anwar El-Sadat understood the outrageous Zionist dreams very well when he exclaimed at one of the Camp David "peace" meetings, "Premier Begin, you want land!" The Palestinians have only one dream: to be a self-determining people living in peace with Christians, Jews, and Moslems in their trusted homeland of Palestine.

L.H.



ACUTE MEDICAL PROBLEMS OF A NUCLEAR ATTACK ON SAN DIEGO

It has become one of my tasks in this ongoing effort to go from city to city describing what the real effects of even a single thermonuclear weapon are, trying to make that clear to people, talking indeed about typology, the burns and fractures, bleeding and the trauma, trying to find some way to make clear what the simultaneous, virtually total destruction of a human social biological and a physical environment means. I've learned over some years of doing it now, what some of the responses to that kind of information are. I know because I feel them myself. They are very obvious; horror, revulsion, depression, feelings of hopelessness and helplessness, only then subsequently anger. And yet anger is the feeling that we can take and put to work. And I thought I would begin today, beforehand with something of an anecdote, because I've come across such a good one of someone taking that anger even in the anticipation of these events and expressing it in action.

It's a letter printed in a San Francisco newspaper a few days ago by a young woman that deserves our thanks in this concern. Her name is Sarah Perlin and she is in second grade there, and she is seven years old. I'll leave it with you to decide whether Sarah Perlin has a grip on things or not. She wrote a letter to the president and it reads, and I will not try and communicate various misspellings and such, they're not really pertinent, it reads: "Dear Mr. Reagan: I think that you should stop making any kind of bomb, just because I am in second grade does not mean that I do not care, because I do. In the world we have enough bombs to blow up the world ten times. You might think that I am just a stupid little girl, but I am not. It is so disgusting that if there was going to be a war with us, I would take a knife and kill myself. I am not the only one who cares, it is not funny at all. We want peace in our world. You might not know what happened in Japan, in 1945, but I do, and I and thousands of other people do not want it to happen again anywhere. I am going to tell my children about this. I am not being funny. I am not doing this because I heard someone say that they did it. There is a time to play and a time not to, and I am not playing. I am Sarah Perlin and I want this to stop." (applause)

That kind of letter has to be kept in mind, I think, as we confront the paradoxes and the ironies and the tragedies that we have to confront now. The first of them is the idea that we're talking about medical consequences of a nuclear attack as if the word medical could thoroughly or accurately be used as a description of the kinds of death and devastation and destruction and desolation that we are about to describe, which is beyond our capacity properly to comprehend.

It is words like victims and survivors which as we will see in the course of this day have in fact no useful distinction, it is in confronting the problems of scale that afflict all of us in trying to deal with thermonuclear explosion. Let me give you just one example, because you'd tend to get lost otherwise in the figures that we throw about. The total megatonnage of the nuclear superpowers is at this point somewhere between eleven and twelve thousand megatons, and will almost certainly by the middle of this decade have reached fifteen thousand megatons. Well, what is fifteen thousand megatons, and how does one handle a figure of that type? If one could devise fifteen thousand megatons into Hiroshima-size weapons, and if one exploded such a Hiroshima-size bomb: one minute, sixty an hour, one thousand four hundred and forty a day, one would have to do that for two years and three months to use up fifteen thousand megatons. We're talking about an arms race that consumes a million dollars a minute, one point four billion

dollars a day, around the world, in terms of total arms expenditures.

If we turn to a single thermonuclear weapon we are talking about an event that begins at a hundred and thirty million degrees of temperature, air pressure of a hundred million atmospheres. All of this contributes to those differences between what we know and what we can specify, and what the biological and physical sciences can tell us and what in fact we can understand. If we talk about one megaton which has become the international unit of comparison, simply because more than one weapon, multiple megatons and the like, are more than one can adequately describe. If we're talking about one megaton we are requiring you to imagine a million tons of TNT; a train three hundred miles long of dynamite that would take you six hours to have it pass if it were going fifty miles an hour. A megaton requires you to try to imagine eighty Hiroshima weapons going off simultaneously, since Hiroshima in fact most accurately was probably twelve and a half kilotons.

A twenty megaton weapon—a large one by today's standards—requires you to try to imagine one thousand six hundred Hiroshima weapons exploding simultaneously, at the same place. Indeed, even a single thermonuclear weapon, certainly any probable thermonuclear attack, violates all of our intuitive perceptions of disaster and catastrophe, though based on our past experience, which are visions of some dreadful effect with effects which would gradually and steadily wear off with time

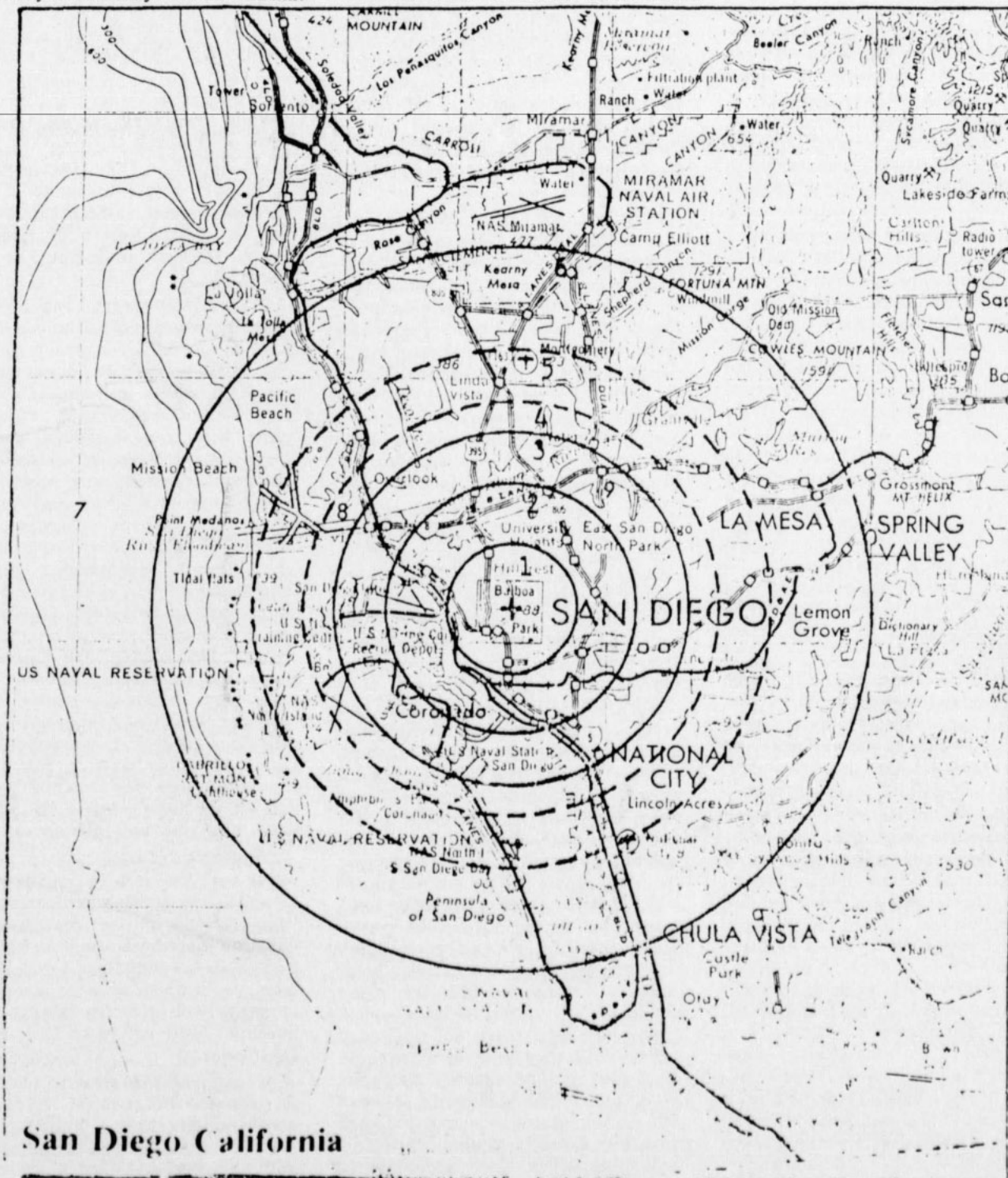
and which no matter how dreadful are we saved by help from outside. But in any likely scenario today of nuclear attack there will be no outside, because every other possible source of help will in all probability be similarly affected. At one megaton we are talking about one of fifty thousand weapons in the possession of the two superpowers alone, we're talking about a simple one megaton event where San Diego—in reality, San Diego would be targeted for three or four or five or seven or more...Because of its military and strategic importance.

We think in terms of megatons as part of a single strike, but the reality is that in a real thermonuclear exchange in cities like San Diego, would far more probably suffer a megaton or more at ten o'clock in the morning and then again at four o'clock in the afternoon, and then perhaps again at ten o'clock the next morning and indeed given the proportion of the arsenals that are on submarines there is a possibility of a subsequent strike two weeks later, three weeks later, and four weeks later. And finally one megaton needs to be kept in mind against the background of a probable thermonuclear exchange among superpowers which would involve 6,000, 6,500, 7,000 or so megatons delivered by each side, on the other. And not a single one megaton weapon, so we are taking an absurd and unrealistic example where we attempt to make these events more meaningful. And yet while, as we'll see shortly, it's not difficult to specify the consequences of these kinds of explosions, it's very difficult not to miss the essential nature

of the event, it's as if I had done some huge kind of epidemiology on the Nazi holocaust and had managed to find all the records of all the death camps and had plotted year by year and month by month and camp by camp the number of deaths and the process of death by month, place whether execution or nutrition or illness, and and presented it to you, and yet in the doing missed the essential nature of the event...

Let me turn briefly to the forces that are involved in this thermonuclear explosion that we are talking about. What one hears of course most frequently and most often about, is radiation, but at least fifty percent of the energy in a thermonuclear weapon is released by blast energy and another thirty to fifty-five percent as heat, and only fifteen to seventeen percent is radioactivity. Certainly, the usual effects of an airburst (we are talking about a one megaton airburst at about 8,000 feet over Balboa Park in San Diego)...The first thing that would happen, and let's not look at them in order of sequence; the sequence initially would be a blinding flash of light brighter than any light any of us have ever seen, because an exploding thermonuclear weapon has created a small sun, indeed a small supernova in some respects...light, an enormous thermal pulse, the heat, and then the black wave, is the real sequence. The light and pulse would have its own effects. Anybody on a clear day within thirty-five miles roughly (at that altitude, an explosion) who made a reflex glance

continued on page 6



San Diego California

How would your fare in a one megaton nuclear attack? In the event of a 20 megaton air burst, the effects felt inside the sixth circle become those felt in the first circle of a one megaton burst.

Long Stories In Short

Fox Guarding the Chicken Coop

There are strong indications that the U.S. Army wants to have the command authority over nuclear weapons changed. In a presentation for members of Congress ("Air Land Battle 2000") several months after President Reagan took office, U.S. Army officers urged that the "existing authority" to order nuclear weapons use should be "up front", that is, with the local commander on the battlefield. These Army officers said that they want to have "preclearance" to use nuclear weapons before the war is underway.

In a secret April 1, 1982 hearing before the Defense Subcommittee of the House Appropriations Committee, Deputy Under Secretary of Defense (Strategic and Theater Nuclear Forces) T.K. Jones (the man who believes nuclear war is survivable if there are enough shovels to go around for everybody to dig a hole) and Major General Niles Fulwyler, the Army's chief bureaucrat of the Nuclear and Chemical Directorate were asked for their comments about such a change. Their response was "sanitized" from the hearing transcript. A subsequent comment by Fulwyler, though, suggests that both spoke in favor: "I might add it would be much simpler to plan for that battle and to take care of it if we had predelegation, for obvious reasons."

CounterSpy

Unholy Fairy Tales

Evangelist Penny Baker, a former country singer, persuaded residents of Des Allemands, Louisiana, to burn "devilish" books, records and magazines, including works like Snow White and Cinderella, as well as such publications as McCall's and Ladies' Home Journal.

progressive

Paint 'Em Red

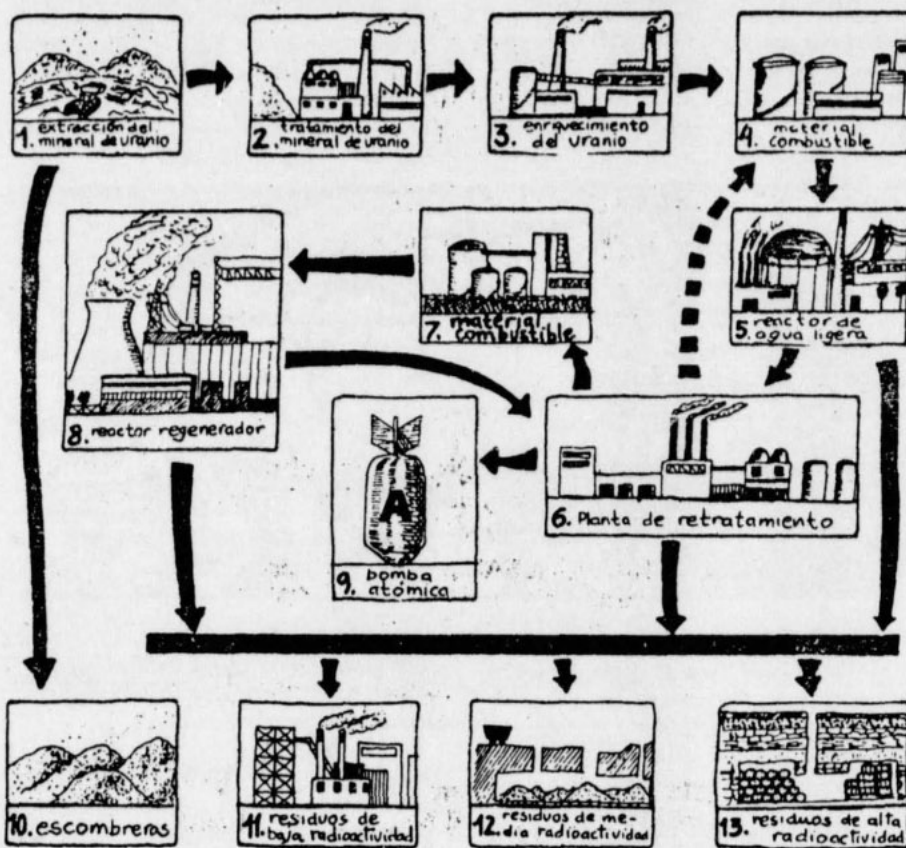
Members of the "Movement" in Switzerland, whose slogan is "Make cucumber salad out of the state," made spaghetti sauce out of CBS 60 Minutes crew last fall.

The London based 60 Minutes crew went to one of the Swiss youth centers and began filming the scene outside. They had hoped to get interviews with some of the people inside but just as they stopped filming they were grabbed by a dozen or so masked youths and tied up to posts.

While some threw bucketfuls of red, white and black paint over the crew, other poured bottles of ketchup over their heads and others took the film from the cameras and burned it on the street. Someone slashed the tires of their van.

After about five minutes the men were cut free and the equipment taken from them was returned.

Overthrow



Sweet Justice!

A man who pleaded guilty to beating his wife in Kansas was "sentenced" to buy his wife a box of sweets. What price the murder of woman?

reprinted from Big Mama Rag

More Chemicals For the Army

The Pentagon has had a tough time convincing the public and the sectors of Congress of the need to vastly increase the Army's chemical arsenal. To overcome this opposition, the Army has initiated an "Army Chemical Action Plan." The Army, according to Defense Week, wants to neutralize public concern about "the immoral and inhumane nature of CW (Chemical Warfare);...and the fact that the principle target for the chemical weapons will be the civilian population since it cannot be protected." The Army's plan calls for improving contacts with "media/journalist (and) persons who are influential in industry, academia, etc.," to "explain" the need for increased chemical armaments.

If details of the Reagan administration's chemical warfare plans become known, the Army will have a lot of propaganda work on its hand. Reliable reports, pieced together in Defense Week, indicate that the total cost of the program could be \$9 billion over the next decade. The Pentagon intends to produce 20,000 tons of chemical agents. In addition, the Pentagon is developing a new nerve agent, codenamed EA5774. According to the Defense Department's "Annual Report on Chemical Warfare and Biological Research Programs" this new agent "will have an increased lethal agent effectiveness," attacking the skin and lung simultaneously. Army propagandists are going to be severely taxed to come up with a saleable justification for \$9 billion more in expenditures when the U.S. already has more than enough chemical agents to kill everyone on earth.

Co-interspy

Help Stop Racist LA Cops

Pamela Dunn, an eight year old Black child was raped in the back seat of a police car by two white Los Angeles police officers. . . Eula Love was murdered in the yard of her home by two police officers over a twenty dollar gas bill. . . April 16, Delores Young, a Black woman nine months pregnant, was shot in the chest and stomach while lying flat on the floor of her home begging and pleading with six white police officers not to shoot her, the baby died instantly while she remains in critical condition.

"... We need your help to get the brutal racist rapes and murders of Black women and children published and communicated . . ." For information contact Dr. Shekiba Mbumba, Honorary Chairwoman, The Black Woman Today, Inc., Suite 206, 4433 Crenshaw Blvd., Los Angeles, Ca 90043 (213) 299-2692

reprinted from Big Mama Rag

Golden Arches On Shaky Ground

Fast food chains were the success story of the seventies, but the burger days may be over. Hamburgers sales haven't grown at all in the last year and a half. At first, McDonald's and Burger King weren't taking it personally, and they started branching out into Chicken McNuggets and veal parmegiana sandwiches, but nobody seems to be buying these either.

What could it be? Creeping vegetarianism perhaps? On the contrary, it seems to be matter of style versus price. According to E.F. Hutton's restaurant expert, "the esthetics of the fast food dining experience have declined," while prices have risen much faster than food prices as a whole.

McDonald's and friends may have new opportunities, though, behind the Iron grille. A Hungarian government-run catering firm is about to introduce 15 self-service hamburger joints, if they prove popular, it will offer franchises to private companies.

dollars and sense

Heaven Sent

God must love nuclear power plants because he made so many of them. That's the apparent reasoning of a Long Island Lighting Co. pamphlet sent out to 3,000 people in the New York area the company serves.

Carrying reprints from religious magazines, the pamphlet notes that the sun and stars are nuclear power plants and says, "It is a sobering thought that god has made more nuclear power plants than anything else."

But a Long Island church leader has a different idea.

"I have the feeling that LILCO is preparing us for some accident they want to blame on god" he told the Wall Street Journal.

Environmental Action

MIT Worker Fights Radiation Exposure

The Boston Sunday Globe of June 6 reported the story behind the firing of a machinist in the Laboratory for Nuclear Science at M.I.T. in March 1981 Vincent Raulinaitis, 58, had asked for the radioactivity of some pieces of metal to be measured one day before he started work on shaping them. Two people independently found the activity of the pieces to be between 4 and 5 millirems per hour—twice the federal and state limit of 2 millirems per hour for people not covered by a recognized radiation protection program. Employees in the lab are neither hired nor trained to work with such radioactive materials, and the lab is considered exempt from M.I.T.'s protection program. On these grounds, Raulinaitis refused to start wearing a film badge that would monitor his subsequent exposure to radioactivity. For this he was fired, and his request to be transferred to work in a non-radiation area was refused.

Shop employees had been told on the day of the incident that the pieces of metal came from the Bates particle accelerator and might be mildly radioactive but safe to machine. However, the piece with the the activity of 4-5 millirems had not come at the same time as the rest of the accelerator batch. Raulinaitis had in fact already worked on it for 112 hours as early as 1979. Radioactivity dies down with time, so the piece would have been even "hotter" then. Based on the records of its composition, another employee estimated that Raulinaitis had probably received over 1600 millirems from it—over three times the federally allowed annual limit.

Since the metal came from a particle accelerator, and not from a nuclear reactor, the M.I.T. shop was exempt from scrutiny by the Nuclear Regulatory Commission (NRC). The Occupational Safety and Health Administration (OSHA) is no use to Raulinaitis either: OSHA is drafting, but has not yet set, rules about how much information employers must give employees about the possible risks of their jobs. Raulinaitis lodged complaints with the NRC and the state Department of Labor and Industries, and his union is appealing his dismissal. However, the 4 millirem piece of metal mysteriously disappeared, which makes an independent assessment of its 1979 activity impossible. For the moment, Raulinaitis is out for a job, and the head of the M.I.T. radiation protection program is left smiling on the front of the Boston Sunday Globe.

Science for the People