

August 6 & 9, 2005

Livermore Nuclear Weapons Lab

SEEDS OF CHANGE



NO NUKES! NO WARS!

WHY DEMAND NUCLEAR ABOLITION NOW?

**In the midst of the ongoing
slaughter in Iraq, why focus on a
call for nuclear abolition?**

“America must not ignore the threats gathering against us. Facing clear evidence of peril, we cannot wait for the final proof – the smoking gun – that could come in the form of a mushroom cloud.”

- President Bush outlines Iraqi Threat, 10/7/02



BUT

**No “Weapons of Mass Destruction”
(Nuclear, Biological or Chemical)
were found in Iraq.**

Did you know?

- The current U.S. nuclear stockpile is estimated at 10,350 warheads.
- Approximately 5,300 are operational with another 5,000 in reserve.
- 480 operational U.S. bombs are deployed at eight bases in six NATO countries, for delivery by U.S. and NATO bombers.

U.S. Nuclear Excuses for War

- Following the 9-11 attacks, the Bush Administration openly declared the potential first use of nuclear weapons – *even against those countries that don't have them.*
- The Bush Administration's January 2002 Nuclear Posture Review plans for the first use of nuclear weapons in response to non-nuclear attacks or threats involving biological or chemical weapons or “surprising military developments,” and targets countries including *Iran, North Korea and Syria.*

Did you know?

- In the run up to the U.S. attack, a “Theater Nuclear Planning Document” was drawn up for Iraq.
- During the 1990s, the U.S. threatened to use nuclear weapons against Iraq, North Korea, and Libya.

Did you know?

- By equating chemical and biological weapons with nuclear weapons, the U.S. is lowering the threshold for nuclear use.
- Chemical and biological weapons, while terrifying and capable of killing in a gruesome ways are difficult to use and hard to control.
- It is difficult to deliver sufficient quantities of chemical or biological weapons to kill thousands of people.

BUT

- Nuclear weapons are more destructive by orders of magnitude. A single modern warhead can destroy a city in an instant, killing hundreds of thousands – or even millions of people.
- There are still enough (approximately 30,000) in the world's arsenal to destroy human civilization in a day.

*Nuclear weapons are the only true weapons
of mass destruction*



Did you know?

- The United States is the only country that has used nuclear weapons in war. In August 1945, the U.S. dropped 2 atomic bombs on the Japanese cities of Hiroshima and Nagasaki, causing approximately 210,000 deaths by the end of that year.
- Delayed effects included cancer, chromosomal aberrations (birth defects), immunologic disorders, orphans, destruction of traditional society, devastation of community life and social system, and lasting psychological traumas.

“The dropping of the nuclear weapons is a problem that must be addressed globally. History is written by the victors. Thus, the heinous massacre that was Hiroshima has been handed down as a perfectly justified act of war.”

- Mayor Takashi Hiraoka of Hiroshima, to the International Court of Justice, 1995



- Charred boy 700 meters from the hypocenter, Nagasaki, Japan.

Health & Environmental Costs of Nuclear Weapons

“While no nuclear weapons have been detonated in war since Hiroshima and Nagasaki, a kind of secret, low-intensity radioactive warfare has been waged against unsuspecting populations...”

- Dr. Bernard Lown, co-founder International Physicians for the Prevention of Nuclear War, 1985 Nobel Peace Prize winner

Did you know?

Indigenous and minority people have borne the brunt of health and environmental damage caused by uranium mining, nuclear weapons testing and production wherever it has taken place.

Environmental Justice

- Thousands of Navajo uranium miners have died and suffered from lung cancer and other radiation-induced diseases.
- The U.S. exploded more than 900 nuclear weapons on Western Shoshone land, seized by the U.S. government in 1951 to create the Nevada Test Site in violation of the 1863 Treaty of Ruby Valley.

Did you know?

- Atomic Veterans: An estimated 235,000 U.S. servicemen were subjected to radioactive fallout from U.S. nuclear tests in the Pacific Ocean and Nevada – without their consent.
- Radioactive and toxic contamination from nuclear weapons activities has damaged the health of tens of thousands of workers and people living near nuclear weapons facilities in the United States and other nuclear weapons states and has put at risk our earth and water.

Fact

At U.S. nuclear weapons research, testing and production sites across the country:

“...radiological and non radiological hazardous wastes will remain, posing risks to humans and the environment for tens or even hundreds of thousands of years. Complete elimination of unacceptable risks to humans and the environment will not be achieved, now or in the foreseeable future.”

- National Academy of Sciences (2000)

Costs of War

“Every gun that is fired, every warship launched, every rocket fired, signifies, in the final sense, a theft from those who hunger and are not fed, those who are cold and not clothed. The world in arms spending is not spending money alone. It is spending the sweat of its laborers, the genius of its scientists, and the hopes of its children.”

- General Dwight Eisenhower, 1953

Did you know?

In 2004, world military spending climbed to an estimated \$1035 billion (current dollars), just 6 percent short of the all-time Cold War high in 1987-88. *“The major determinant of the world trend in military expenditure is the change in the USA, which makes up 47 per cent of the world total. US military expenditure has increased rapidly during the period 2002–2004 as a result of massive budgetary allocations for the ‘global war on terrorism’, primarily for military operations in Afghanistan and Iraq.”*

Did you know?

- These military operations have been funded through supplementary appropriations on top of the regular budget.
- At approximately \$238 billion, the supplementary appropriations for the ‘global war on terrorism’ allocated to the Department of Defense for fiscal years 2003–2005 exceeded the combined military spending of Africa, Latin America, Asia (except Japan but including China) and the Middle East in 2004 (\$193 billion in current dollars), *that is, of the entire developing world.*

Did you know?

“While regular military spending has also increased in the USA as well as in several other countries and regions, *the main explanation for the current level of and trend in world military spending is the spending on military operations abroad by the USA, and to a lesser extent by its coalition partners.*”

- Stockholm International Peace Research Institute

The U.S. Military Budget (2003)

- More than eight times larger than that of China, the second largest military spender (\$51 billion).
- More than 29 times as large as the combined military spending of the seven states the U.S. identified as “rogues” (Cuba, Iran, Iraq, Libya, North Korea, Sudan and Syria – total \$14.4 billion).
- More than the combined military spending of the next 23 nations.

Costs of the Iraq War

- The President's fourth “supplemental” spending request for the Iraq war will add \$80 billion to the more than \$151 billion already appropriated.
- *It is time for us to demand that the Administration and Congress stop perpetuating the cycle of violence in Iraq, stop sending soldiers and civilians to their graves, and stop diverting precious resources that could be used to rebuild Iraq and fund critical domestic needs.*

Did you know?

- U.S. combatants killed in Iraq: **more than 1,840** (includes 116 US dead in Afghanistan during Iraq war)
- U.S. combatants wounded: **more than 11,644** (official); **15,000 – 20,000** (estimated)
- Iraqi combatants killed March 30 – May 1, 2003: **7,600 – 10,800**
- Iraqi combatants wounded: **unknown**
- Iraqi combatants killed and wounded since the end of “active hostilities”: **many thousands more**

Civilian Deaths

- Iraq Body Count has counted 22,787 – 25,814 *reported* Iraqi civilian deaths to date.
- The Lancet, a respected British medical journal, estimated that more than 100,000 Iraqi civilians have died as a result of the war.
- The Lancet also found that the risk of death by violence for civilians in Iraq to be 58 times higher than before the U.S.-led invasion.

Economic Costs

- Estimated long-term cost of war to every U.S. household: **\$3,415.**
- Average monthly cost of Iraq War: **\$5.8 billion.**
- Average monthly cost of Vietnam War, adjusted for inflation: **\$5.2 billion.**

The \$151 billion already allocated for the U.S. war could have purchased:

- Housing vouchers for **23 million families OR**
- Health care for **27 million uninsured Americans OR**
- **3 million** new elementary school teachers **OR**
- Two years worth of: food for half the hungry people in the world **AND** a comprehensive global AIDS treatment and prevention program **AND** clean water and sanitation throughout the developing world **AND** childhood immunizations for all children in the developing world

**Astonishing fact: The U.S. spent
\$5.5 trillion dollars on nuclear weapons
from 1940 – 1996**

Nuclear weapons costs exceeded the combined total federal spending on:

- education, training, employment, social services
- agriculture, natural resources and the environment
- general science and space research
- community and regional development, law enforcement
- energy production and regulation

- Atomic Audit, the Brookings Institution, 1998

Current Nuclear Weapons Spending

- Accounting for inflation, the FY 2006 nuclear weapons budget request is 1-1/2 times the average annual spending on nuclear weapons during the Cold War.
- This year the U.S. will spend nearly \$7 billion to maintain and modernize nuclear warheads, useable for decades to come, and many billions more to modernize their means of delivery (ground-based missiles, submarines, and bombers).
- *Altogether the U.S. is spending about \$40 billion a year on its nuclear forces.*

Consider this . . .

The additional cost of achieving and maintaining universal access to basic education for *all*, basic health care for *all*, reproductive health care for *all women*, adequate food for *all* and clean water and safe sewers for *all* is roughly \$40 billion a year – *roughly equal to the U.S. nuclear weapons budget.*

– United Nations Development Report 1998

Which countries have nuclear weapons?

- The **United States** and **Russia** have by far the largest nuclear arsenals and most sophisticated means of delivering them to targets anywhere on earth. Each still deploys thousands of weapons on high alert, capable of destroying any country and killing tens of millions.
- **Britain, France** and **China** each have hundreds of modern nuclear weapons, and long-range missiles to deliver them.

Which countries have nuclear weapons?

- **India** and **Pakistan** both tested nuclear weapons in 1998. With their militaries facing each other down across a long common border, they are locked in a new nuclear arms race in a region that could grow more unstable in the wake of the Iraq war.
- **North Korea** now claims that it has nuclear weapons, but we don't know for sure. North Korea has not tested a nuclear weapon and has not successfully tested any missiles that could reach the U.S.

Did you know?

In 1994, President **Bill Clinton** planned and was close to carrying out a pre-emptive (non-nuclear) strike on North Korea's nuclear reactors.

Which countries have nuclear weapons?

- **Israel's** nuclear arsenal has been called the world's "worst kept secret." The only country in the Middle East with nuclear weapons, Israel is believed to have several hundred modern nuclear weapons that can be delivered by plane and by missile.
- In 1981, Israel bombed an Iraqi nuclear reactor.

Did you know?

At the end of the first Gulf War, in 1991, the Security Council stated that its requirements for the elimination of Iraq's weapons of mass destruction *“represent steps towards the goal of establishing in the Middle East a zone free from weapons of mass destruction and all missiles for their delivery...”*

It's all connected!



Did you know?

- Under the Nuclear Non-Proliferation Treaty (NPT) the U.S., Britain, Russia, France and China are required to end the arms race and eliminate their nuclear arsenals.
- This obligation was interpreted as applying to *all* states by a unanimous opinion of the International Court of Justice in 1996.

The NPT

- Entered into force in 1970.
- Requires the original 5 Nuclear Weapon States to eliminate their nuclear arsenals.
- In exchange, all other states parties agreed not to acquire nuclear weapons.
- Only 3* countries remain outside the NPT: India, Israel and Pakistan (*N. Korea).

BUT

- The U.S. has failed to live up to its end of the bargain, instead selectively accusing other countries of violating their pledge not to acquire nuclear weapons – *and even threatening to use nuclear weapons against those states!*
- **This hypocritical international double standard is dangerous and unsustainable.**

Atoms for Peace?

- Under the NPT, countries that agreed to forgo nuclear weapons were promised “peaceful” nuclear technology.

BUT

- Nuclear power supplies the technology and radioactive materials needed to make nuclear weapons. *Nuclear power powers the bomb!*

Did you know?

- The 44 countries with nuclear reactors are potentially capable of developing nuclear weapons.
- Those with the most advanced capabilities include U.S. allies like *Japan, Germany, Australia, the Netherlands and South Korea* – as well as Iran and North Korea.

Did you know?

- *In 1980, Amory and Hunter Lovins wrote: “All nuclear fission technologies both use and produce fissionable materials that are or can be concentrated. Unavoidably latent in those technologies, therefore, is a potential for nuclear violence and coercion, which may be exploited by governments, factions or terrorist groups.”*
- **To abolish nuclear weapons, nuclear power must be phased out and replaced with clean, renewable, sustainable energy sources.**

Do you recognize this symbol?



Did you know?

- The universally-recognized “peace symbol” was designed in 1958 for the *Campaign for Nuclear Disarmament (CND)* in Britain.
- The first badges were made of clay.
- They were distributed with a note explaining that in the event of a nuclear war, these fired pottery badges would be among the few human artifacts to survive the nuclear inferno.

Good News!

- A recent poll found that most Americans think nuclear weapons are so dangerous that NO country should have them.
- Two-thirds of Americans say no nation should have nuclear weapons, including the U.S.

- The Associated Press, 3/31/2005

Good News!

- On May 1st – the day before this year's NPT Review Conference began – Abolition 2000 and United for Peace and Justice joined forces to demand: ***End the War in Iraq. Abolish All Nuclear Weapons. NO NUKES! NO WARS!***
- 40,000 people marched past United Nations headquarters in New York City and rallied in Central Park! The Mayors of Hiroshima and Nagasaki and dozens of Hibakusha carried the lead banner, flanked by city officials and non-governmental organization leaders from around the world. Behind them, spirited anti-nuclear and anti-war activists filled more than 13 city blocks!



End the War in Iraq. Abolish All Nuclear Weapons
NO NUKES! *United for Peace & Justice and Abolition Now!* **NO WARS!**

August 6 and 9: National Days of Remembrance and Action

- August 6 and 9, 2005 mark the 60th anniversaries of the atomic bombings of Hiroshima and Nagasaki by the United States.
- Join with people at U.S. nuclear weapons sites across the country in major actions calling for an end to the development and production of nuclear warheads.

August 6 and 9: National Days of Remembrance and Action

- Activities will recognize the devastation caused by nuclear weapons and memorialize the many victims of bomb production at every step – from uranium mining to design, testing, production and use.
- Join the global majority to say NO! to militarism, war and oppression, and YES! To nonviolence, justice and a more secure world for all.

August 6 and 9: National Days of Remembrance and Action

- **Livermore Nuclear Weapons Lab, California:** *Seeds of Change: NO NUKES! NO WARS!*
- **Los Alamos Nuclear Weapons Lab, New Mexico:** *Hiroshima, 60 Years: It Started Here – Let's Stop it Here!*
- **Nevada Test Site, Nevada:** *Many Stories, One Vision for a Nuclear Free World*
- **Y-12 Nuclear Facility, Tennessee:** *Stop the Bombs!*
- **August 9:** *Remember the Bombing of Nagasaki – Candlelight vigils at City Halls across the country*

SEEDS OF CHANGE: NO NUKES! NO WARS!

- **What:** A major rally and march to the Livermore Nuclear Weapons Lab
- **What:** Music, a dinner rally, peace playground and candlelight march
- **When:** Saturday, August 6, 2005 at 5 PM
- **Where:** William Payne Park, 5800 Patterson Pass Road, Livermore, CA (BART shuttles provided by the Peace and Freedom Party)

Why are we demonstrating August 6 – 9?

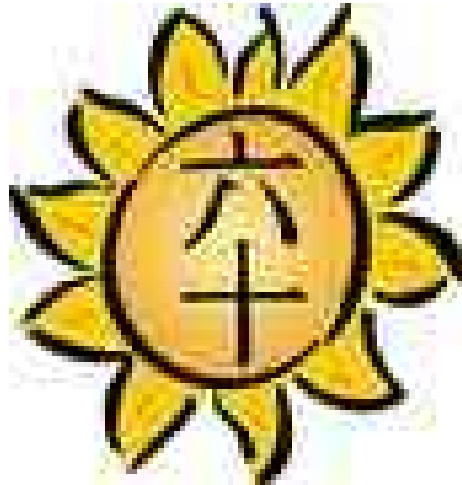
- Commemorate the atomic bombings of Hiroshima and Nagasaki
- Act to abolish nuclear weapons and war
- Protest new, earth penetrating nuclear weapons at Livermore Lab
- End the war in Iraq and bring our troops home – invest in people's lives not death
- Create jobs for peace – support civilian science and human rights

Why are we demonstrating August 6 – 9?

- Celebrate your vision of a just and nuclear-free world
- *Our actions now are laying the foundation for the peace of the future. Like a pyramid built through generations of labor, our movement is planting the seeds that will one day abolish nuclear weapons and heal the global wounds that are their legacy.*

Why a sunflower?

- The sunflower is the international symbol for nuclear abolition
- The characters are the Japanese number 60, an important birthday in Japanese culture



Send sunflowers to
the SEEDS OF CHANGE rally

- Paper sunflowers with messages of hope will be carried to the gates of the Livermore Lab
- For sunflower cut outs and mailing instructions:

www.wagingpeace.org/sunflower

NAGASAKI NEVER AGAIN!

- Nonviolent Direct Action at the Livermore Lab
- Tuesday, August 9 at 8 AM
- Meet at William Payne Park
- Nonviolence and legal training Saturday July 30, 10 AM – 2 PM, First Congregational Church, 2501 Harrison Street, Oakland

Nonviolence Guidelines

Nonviolence has always been a core value of the anti-nuclear movement. Our nonviolence guidelines and a complete list of sponsors and endorsers are available at:

www.trivalleycares.org

www.wslfweb.org

Think Globally, Act Locally



- Citizens in New Delhi protesting after India conducted 5 nuclear test explosions in 1998.

OUR DEMANDS

- **END THE WAR IN IRAQ AND BRING THE TROOPS HOME NOW!**
- **FUND HUMAN NEEDS, NOT WAR!**
- **NO MORE NUCLEAR EXCUSES FOR WAR!**
- **NUCLEAR DISARMAMENT BEGINS AT HOME!**
- **ABOLISH ALL NUCLEAR WEAPONS WORLDWIDE!!**

***No More Hiroshimas!
No More Nagasakis!***



SEEDS OF CHANGE: NO NUKES! NO WARS!

Join us!

- **Livermore Conversion Project:** (510) 639-9095
- **Western States Legal Foundation:**
(510) 839-5877 www.wslfweb.org
- **Tri-Valley CAREs:** (925) 443-7148
www.trivalleycares.org
- **Abolition 2000:** www.abolitionnow.org
- **United for Peace and Justice:**
www.unitedforpeace.org

The End

- May 1 photograph by James Lerager
- PowerPoint presentation by Jackie Cabasso,
Western States Legal Foundation (rev. 7/8/05)
- Citations available upon request: (510)839-5877
wslf@earthlink.net • www.wslfweb.org

