

The Way Forward

Conservation and Efficiency. Saving energy reduces demand, lowers emissions and cuts costs. Using energy efficient equipment in our homes and businesses is a simple step that saves money, energy and the planet. Energy efficiency is the cheapest and fastest way to reduce carbon emissions and is seven times more cost-effective at displacing carbon than nuclear power.

Renewable Energy. Renewable energy can replace polluting and antiquated nuclear power and fossil fuels at less financial and environmental cost. Wind power is already the fastest-growing electricity source worldwide and solar panels are saving home owners and businesses money across the United States.

Peaceful Conflict Resolution. Nuclear weapons invite – rather than deter – catastrophic conflict. Disarming makes everyone safer. The U.S. government must lead the way for a global abolition of nuclear weapons by creating an irreversible plan to fulfill its legal treaty obligations, rather than pursuing a dangerous and illegal pre-emptive attack posture.



Support Beyond Nuclear

Beyond Nuclear faces powerful and extremely well-funded opposition. That is why we need your financial help.

To be effective, Beyond Nuclear must:

- develop first-rate educational materials
- promote its eye-catching, topical Web site
- send speakers and experts to media events and public appearances
- deliver movement-building resources and tools to our partners and colleagues



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Please help **Beyond Nuclear** realize these goals by sending a tax-deductible donation today.

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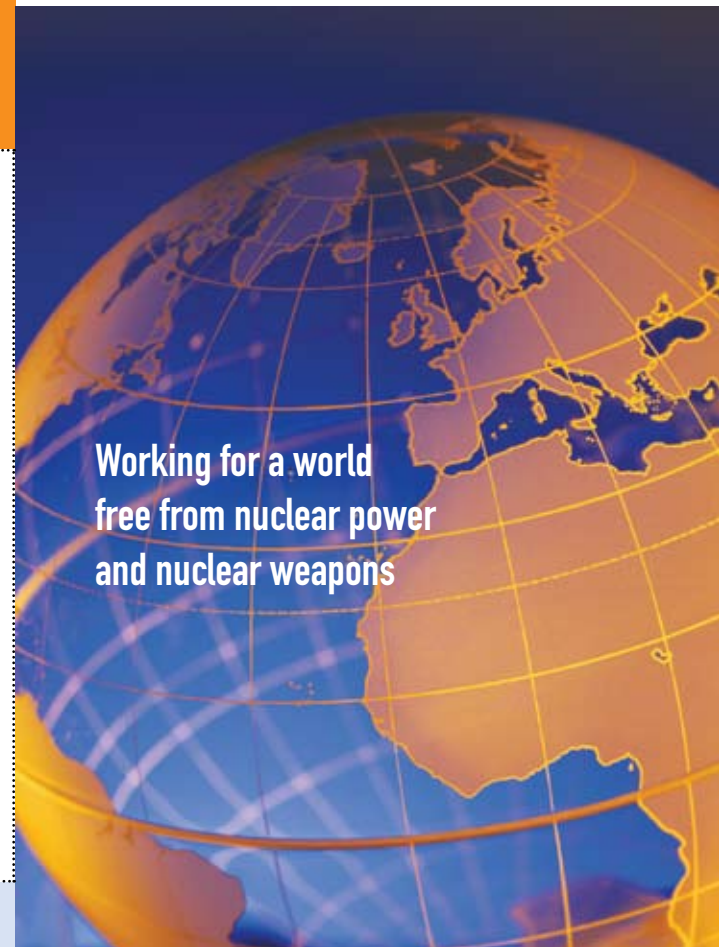
BEYOND NUCLEAR AT NPRI

6930 Carroll Avenue, Suite 400
Takoma Park, MD 20912
T: 301.270.2209 • F: 301.270.4000
Email: info@beyondnuclear.org
www.beyondnuclear.org



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Beyond Nuclear



Working for a world
free from nuclear power
and nuclear weapons

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Beyond Nuclear at Nuclear Policy Research Institute



Welcome to Beyond Nuclear

Beyond Nuclear aims to educate and activate the public about the connections between nuclear power and nuclear weapons and the need to abandon both to safeguard our future. Beyond Nuclear advocates for an energy future that is sustainable, benign and democratic. **Beyond Nuclear** operates under the auspices of the former Nuclear Policy Research Institute.

The **Beyond Nuclear** team works with diverse partners and allies to provide the public, government officials, and the media with the critical information necessary to move humanity toward a world beyond nuclear.

The Nuclear Burden

From uranium mining to waste management, nuclear power and nuclear weapons demand needless sacrifices to human health, safety and security. Furthermore, the two technologies are inextricably linked posing an unacceptable nuclear proliferation risk.

Nuclear Energy. From Three Mile Island to Chernobyl, the nuclear industry represents a litany of disasters and near-misses. Tens of thousands of people in Ukraine, Russia and Belarus – including children born after the accident – still endure the deadly health effects of the Chernobyl accident. The U.S. has hidden the true health impacts of Three Mile Island. Routine and accidental radioactive releases and spills continue at reactors in the U.S. and around the world.

Nuclear Weapons. The horrifying aftermath of Hiroshima and Nagasaki, when the U.S. dropped atomic bombs on the unsuspecting populations of these two cities, demands that never again must nuclear weapons be used or threatened. The abolition of nuclear weapons is essential. To that end, the spread of civilian technology – which can inevitably lead to the development of nuclear weapons – must also be halted. Only then can a verifiably nuclear-free world be achieved.



Did You Know?

- 1** If nuclear waste from U.S. reactors begins moving to the Yucca Mountain dump, the transports will pass within one mile of 50 million Americans every day for the next 25-40 years on our roads, rails and waterways.
- 2** Evacuation plans around U.S. reactors are unworkable. New Orleans was not effectively evacuated in the face of a natural disaster. A crisis involving radioactive releases would result in chaos, permanent relocation and a multitude of deaths.
- 3** Thirty-two U.S. reactors house their radioactive fuel pools on the upper levels of the reactor building, outside of the containment structure and protected by little more than sheet metal – an open invitation to attack.
- 4** There are still 26,000 nuclear weapons in the world, most held by Russia and the United States. These two countries also maintain 5,000 weapons on hair-trigger alert ready to launch within minutes and impossible to recall.
- 5** At least 40 developing countries, including in the Persian Gulf, want to start nuclear power programs, a trend that could lead to the development of nuclear arsenals.
- 6** Reactors routinely release radioactivity. We now know that reactors at almost all U.S. nuclear plants have been leaking radioactivity into the surface and ground water in communities around the sites.
- 7** Conservation and energy efficiency are cheaper and safer than nuclear power. If every U.S. home installed just 20 compact fluorescent light bulbs we could displace the electricity generated by approximately 25% of the country's 104 operating reactors. Six states alone, each using wind power, could displace the electricity produced by all 104 reactors.