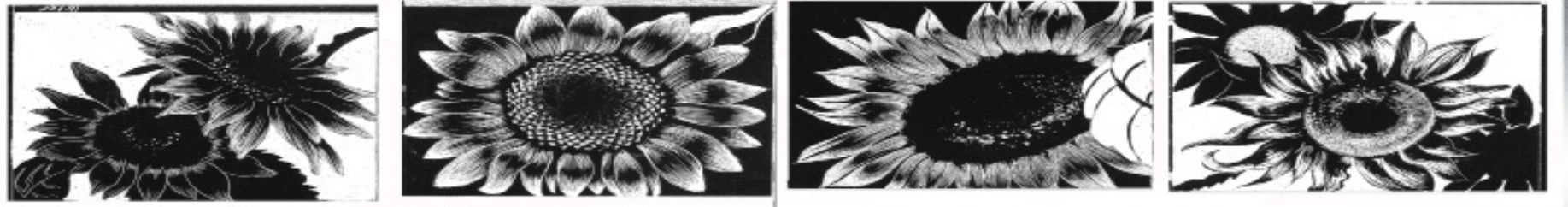


NUKEWATCH

QUARTERLY



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News & Information on Nuclear Weapons, Power, Waste & Nonviolent Resistance

Demonstrations Mark Arrival of Nuclear Weapons Ban Treaty

By Kelly Lundeen

Before the 50th nation's ratification was submitted, Nukewatch had begun coordinating with Oak Ridge Environmental Peace Alliance (OREPA) and editors of the *Nuclear Resister* to prepare for the historic moment that the United Nations Treaty on the Prohibition of Nuclear Weapons would enter into force. What culminated on January 22, 2021, were 100 actions in the US involving over 1,000 activists and 200 actions around the world. It was a tremendous show of strength in our grassroots activism for nuclear abolition to celebrate a new dawn for humanity.

Honeywell, Minnesota — You've Been Notified

One action was the delivery of the new nuclear weapons ban treaty to Honeywell Aerospace, a division of Honeywell International, in Plymouth, Minn. by Vets for Peace, Chapter 27, Women Against Military Madness, and Nukewatch.

Typically, traffic enters freely into the Honeywell compound, but on January 22, security was waiting for our "Treaty Notification Unit" with two white vans, orange cones, a "greeter," and no plans for a meeting with the manager we'd requested. When we attempted to enter the company's parking lot the "greeter" asked for a badge to enter Honeywell property. An Indigenous member of our group reminded

the Honeywell representative that it was not Honeywell property, but rather treaty (Indigenous) property.

I read a drafted statement to the Honeywell spokesperson that said in part: "What Honeywell does through its involvement in the production of the Trident II nuclear missiles, the replacement for the land-based nuclear missiles and its work at national nuclear labs and plants is now illegal under international law. We want Honeywell to get out of the nuclear weapons industry. The victims of nuclear war, testing and production need to be respected and compensated, and their communities must be protected. We need to end this welfare for the nuclear industry and start funding real human needs..."

"Even states that have refused to join the Treaty are affected by it entering into force. The US has never ratified the cluster munitions treaty, but US companies ended their production of them since it



In Plymouth, Minnesota, Nukewatch, Women Against Military Madness and Veterans for Peace, Chapter 27, brought the Treaty and banners to offices of Honeywell Corp. which has large contracts around the country making parts for nuclear weapons. Photo by Steve Clemens.

entered into force. Just ask Honeywell. Now Honeywell must decide which side of history it will be on regarding nuclear weapons....

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Fukushima at Ten: Aftershocks and Failed Decontamination

By John LaForge

It's now 10 years since the catastrophic triple meltdown of reactors at Fukushima in Japan. As Joseph Mangano of the Radiation and Public Health Project put it three years ago, "Enormous amounts of radioactive chemicals, including cesium, strontium, plutonium, and iodine were emitted into the air, and releases of the same toxins into the Pacific have never stopped, as workers struggle to contain over 100 cancer-causing chemicals."

Nukewatch and hundreds of other groups and scientific journals have issued dozens of reports about the disaster. A score of books have been published on the subject, and major media have at least done annual reviews of the official evacuations, cleanups and decontamination efforts. With so much information available, it is not possible to do more than present another update on recent news and analysis.

There is news of the shortage of Fukushima health studies; big earthquakes (aftershocks) rattling reactors and waste tanks; corporate and government dishonesty about decontamination; novel radioactive particles dispersed; and renewed fish contamination.

Very Few Health Studies

"So far only one single disease entity has been systematically examined in humans in Fukushima: thyroid cancer," says Dr. Alex Rosen, the German chair of International Physicians for the Prevention of Nuclear War. Other diseases, such as leukemia or malformations, which are associated with increased

radiation exposure, have not been investigated, Rosen told the German medical journal *Deutsches Ärzteblatt* March 2.

(Five studies have focused on birth abnormalities in the areas most affected: three on infant mortality rates, one on underweight newborns, and one on declining birth rates 9 months after March 2011.*)

The one disease study of the population was a screening for thyroid cancer in 380,000 local children under the age of 18. In January 2018, the journal *Thyroid* reported 187 cases after five years. Reviewing the study, Mangano wrote in the *Washington Spectator* that, "A typical population of 380,000 children would produce 12 cases in five years." The increase among children is "exactly what would be expected if Fukushima were a factor, as radiation is most damaging to the fetus, infant and child," Mangano said.



Pictured: One of three large explosions that were a part of Japan's Fukushima-Daiichi radiation disaster that began March 11, 2011 with the country's largest earthquake, the fourth largest since record keeping began in 1900. The quake smashed the reactors' foundations, pipes and off-site electrical supply, causing a "station blackout" that halted water circulation and all cooling of the reactors. A massive tsunami destroyed emergency back-up generators needed for cooling, resulting in meltdowns in three large reactors, enormous radiation releases, and possibly the worst nuclear reactor disaster in history.

New Earthquakes Rattle Wreckage and Nerves

Another large earthquake, magnitude 7.3, struck Feb. 13, again off the coast of the Fukushima reactor complex, and the reported 30 seconds of terror was followed by 14 aftershocks up to magnitude 5.

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