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Hello, my name is Lori Greenberg and I am glad to have the opportunity to be here this evening to talk to you about the reasons I am opposed to nuclear power. For 20 years I lived within 25 miles of a nuclear reactor and I learned many things, far too many to share in such a short time. So I am going to outline two simple facts.

One- is in regard to health:

I want to tell you about the Tooth Fairy Project, they have been collecting 50 years worth of data on baby teeth. The reason being, radioactive Strontium-90 (Sr-90) is one of the deadliest elements, caused by fission. "The chemical structure of Sr-90 is so similar to that of calcium that the body gets fooled and deposits Sr-90 in the bones and teeth where it remains, continually emitting cancer-causing radiation"....

- Strontium-90 levels are significantly higher in counties located within 100 miles of nuclear reactors (nuclear counties) than in non-nuclear counties...
- of the 3,000 plus counties in the United States, women living in about 1,300 nuclear counties (located within 100 miles of a reactor) are at the greatest risk of dying of breast cancer and even higher risks for prostate cancer among men.
- Samples of baby teeth during from the 1980s exhibit a detectable Chernobyl effect.
- That strontium-90 levels in U.S. baby teeth show a temporal increase, year after year, throughout the 1980s and 1990s, reflecting the impact of low-level radiation emissions from commercial nuclear reactors.
- And in 1997, the federal government produced an estimate from the Nevada above-ground nuclear weapons testing site of the 1950s and early 1960s that demonstrated the tests caused up to 212,000 U.S. cases of thyroid cancer.
- In general there has been virtually no long-term health effects studies of low-level radiation exposure, up until this study.

This info can be found on The Radiation and Public Health Project's website.

Two- is in regard to jobs - when we hear about new plants coming down the pike we almost always hear about the promise of employment. In my former

community there were *only* 257 local employees, most of the plant work was contracted and seasonal by people from out of the area.

In fact, The Vermont Department of Public Service has a study that shows an increase in jobs per megawatt hour when people work providing wood, or wind power as compared to nuclear power. Wood and wind employs 5 people per megawatt hour compared to 1 person per megawatt hour with nuclear energy. Efficiency Vermont employs 3 people/megawatt hour. If you add solar, the increase is even higher. The use of renewable energies means more local jobs.

I would like to conclude with my final observation. The power plant in my last community was built in a rural, impoverished area, where it offered jobs, built a new school and community center. That poor community became dependent on its financial support, overlooking the increasing reports that were often initially covered up in regard to: the crumbling cooling tower; cracks in the steam dryer; ongoing valve leaks, and radioactive ground water. Sadly, people in this position cannot see the harm when they are told by their employer over and over and over...for forty years, that things are safe. It is not until a Three Mile Island, a Chernobyl or a Fukushima happens that those who are dependent on nuclear energy start to question their belief system.

It is time we stop harming our health and our planet. I urge the NRC to say NO to this proposed plant.

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