

## SECYLettersCEm Resource

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**From:** Sid Greene [siddo@sonic.net]  
**Sent:** Monday, March 04, 2013 10:02 PM  
**To:** NRCExecSec Resource  
**Subject:** Strengthen or Close GE Reactors

I understand that the NRC Commissioners soon will vote on whether or not to require filters and rupture discs on vents used to relieve pressure from containments in a severe accident in reactors designed and manufactured by General Electric.

The incidence and seriousness of ANY leak, especially cumulative leaks such as at Fukushima, should not be underestimated and should be researched. Cancer is now the leading killer in our country instead of heart disease. Ocean fish have cancer. With the number and additional new tonnages of toxins in our air, water, food, and soil, we can no longer afford to invest in nuclear power. The longer we delay transitioning to clean renewable energy sources, the more drastic will be the biospheric conditions we need to adapt to: witness the hurricanes, floods, freezes and record high temperatures already damaging our food supplies, let alone the tsunamis and earthquakes in unusual places devastating the world.

California has several reactors on fault lines and these should be shut down immediately. We cannot afford to store or provide safety measures for increasing tonnages of radioactive waste for generations, let alone a few decades. It is time to approach this problem from the perspective of safety--there is almost no way to adequately prepare for leaks given our unstable weather and seismic activity patterns, generated in large part by overuse of nuclear and other, just as seriously dirty, fuel supplies.

These Mark I and Mark II reactors demonstrated their vulnerability to such accidents at Fukushima in March 2011. These reactors suffer from serious and fundamental design deficiencies, provide only a small amount of the nation's electricity, and should be permanently closed.

But nearly two years after Fukushima, the NRC has done nothing to enhance the safety of these reactors. In a severe accident the amount of radioactivity released offsite from an unfiltered vent would be very large and damaging. It makes no sense not to add a filter to protect our families and property from contamination. Filtered systems are available, tested and in use today--for example in Sweden, Germany, France, Switzerland and will be installed in Japan. We shouldn't have to learn the hard way, as did Japan, the danger of not requiring filters and rupture discs before the accident.

As part of the Fukushima Lessons Learned Task Force, the NRC Staff recommended such filtering. But the nuclear industry has been lobbying shamelessly against this common-sense measure, concerned more with the size of its bank accounts than public safety.

Given the nature of radioactive poisoning, its longevity, toxicity, and power, every possible safeguard should be implemented while the transition to clean renewable energy is implemented to replace nuclear-generated power.

To create a viable future, it is imperative we begin to address energy-companies's stranglehold on our biosphere.

I urge the NRC Commissioners to act to permanently close these dangerous reactors as quickly as possible. In the interim, the Commissioners must require installation of these filtered vent systems.

Thank you.

Sid Greene

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