

August 24, 2003

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Dear Chief:

I'm writing this personally to you. This is an un-rehearsed letter. Please do not renew any certificates of operation for any nuclear power plant, anywhere. Period. The only exception would be college research facilities for academic studies of nuclear physics/energy/fusion, etc., but not for the purpose of becoming public utilities—only for the sake of pure science and advancement of knowledge. We, as humans, must stop being arrogant wastrels of multi-dimensional earth resources.

Why play with nuclear energy when it is not at all cost effective? It simply costs too much to produce when there are better alternatives that are more dependable and much more simple to produce. I can see the need for research around nuclear energy, but implementation has been extremely premature as we haven't been able to produce nuclear power in a cost effective manner and we are not at all able to safely dispose of the by-products of nuclear power generation. The long-term costs, which should always be considered, are far too great and easily dwarf any current utility benefit. Humans are not immune and are adversely effected by the many effects of nuclear energy by-products. Basic logic!

The viable, cost effective, new job generating alternatives are as follows:

- Ocean wave power: The nuclear industry in Great Britain killed it's implementation there back in the early 1990's. It's making a slow recovery because good ideas won't die, but we will if we don't start implementing them. This is probably the number one most efficient and largest possible source of power for cities and industries worldwide.
- Solar power: Is definitely part of the solution. I believe in a multifaceted or integrated approach to meet urban and industrial power needs and solar panels are a good part of an integrated solution for residential use in particular. Power costs to produce solar technology are high, but the components can be recycled, which nuclear power cannot honestly claim and nuclear power isn't even fractionally close to being as safe as solar power panel manufacture.
- Solar thermal power generation plants: They work, more new jobs again and have a minimal impact on the environment compared to the long-term effects of nuclear power and fossil fuel power generation.
- Wind power, it's working to cut the power deficit in California, very clean and efficient.
- Cut the need for power by vastly expanding the efficiency of our industrial products to reduce the need for disposability

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- Come up with other means of repeat income besides disposability, these solutions exist in spades. Have think tanks for these ideas instead of think tanks for political muck-raking. Truly much more profitable and fun to produce new ideas than work at putting chastity belts on old ideas that are slowly or rapidly killing everyone.
- Improve gas mileage. You know the Tucker vehicle of the 1960's that GM bought the patents for after probably assassinating Tucker himself? I'm sure you might have heard. The carburetor alone in Tucker's vehicle allowed for up to 100 mpg of gas even in a heavy vehicle.
- Pour effort, research money, venture capital into all manner of sustainable technology
- Mandate the re-use of waste products in all facets of modern life, such as the re-use of car tires in earth ships. These are homes that can last for more than a 1000 years.
 - If the waste products cannot be ^{re-}used, then the industry needs to be phased out and replaced consciously and methodically by a sustainable industry

Implementing the above solutions would ensure:

- The United States is a good world community member by providing ideas that keep the world healthy and empowered literally and figuratively for the present, middle and long term.
- Economic viability for the US by fearlessly moving in a direction of sustainable technologies to constantly create new markets in products and services that improve the quality of life for ourselves and the rest of the world. A totally realistic progressive and healthy upward spiral; instead of a twisted and frankly, evil, downward spiral based on burning carboniferous toxins.

You know a nice thing about the above solutions is that they are easily exported technologies for third world countries, to whom we owe most of our current economic status in the United States. We must pay the piper so to speak. For these are the nations we've plundered over the past hundred or more years to get on top. We can choose a viable, rewarding, renewing upward spiral of sustainability or lose structural strength in all things economic much the way a skeleton loses bone mass from physical inertia and exposure to petrochemical distillates over time.

No more certificates of operation for nuclear power. Please bring us back from the brink. We already have enough of a mess to clean up. Evolve. Thank you.

Sincerely yours,



Frank Snapp