

882 Lionsgate Dr  
St Louis, MO 63130  
February 16, 2009

Chief, Rulemaking, Directives, and Editing Branch  
Division of Administrative Services  
Office Of Administration, Mailstop TWB-05-B01M  
U.S. Regulatory Commission  
Washington, D.C. 20555-0001

Dear Chief of the US Regulatory Commission:

I am very upset about plans to build another nuclear reactor in MO. WE NEED TO BE SWITCHING TO CLEAN RENEWABLE ENERGY SOURCES. Nuclear reactors leave immense amounts of nuclear waste that we cannot yet find a way to store safely. WE DO NOT WANT TO PRODUCE ANY MORE NUCLEAR WASTE IN MO!!!!

AmerenUE has submitted a license application to construct a 1600 megawatt nuclear fission reactor at its Callaway site on the Missouri River. The proposed reactor is known as the "Evolutionary Power Reactor" or the "European Pressurized Reactor", aka EPR and is marketed by the French government nuclear utility, Areva. The plant's construction cost has been estimated from \$6 billion - \$12 billion. The costs of decommissioning the world's largest reactor was estimated by the State of Missouri to be \$19 billion - \$41 billion. The EPR design is untested and unproven because no EPR unit is yet up and running. France and Finland each have one EPR under construction. Both have run into delays because of defects in construction. **The Finnish reactor is at least 50% over budget.**

EPR reactors also generate more plutonium- the coveted ingredient for nuclear weapons, raising concerns about nuclear proliferation and terrorist threats. **More Nuke = More Hazard**

Because this reactor design has a higher fuel burn-up rate, it increases the intensity of the fuel's ionizing radiation. The implications of this on worker safety, waste storage, and decommissioning are not yet fully characterized though the Finnish environmental impact statement offers some discussion. Hotter waste will require more space, more buffers, more protections - and more money. We don't have other options at Callaway. With the South Carolina low-level radioactive waste storage site now closed to Missouri waste, the "low-level" waste will be stored on site at Callaway, along with the spent fuel rods.

Here are some more facts:

1. There has been a 35% increase in the global carbon dioxide emissions from the burning of fossil fuels since the Kyoto Protocol was signed in 1992.
2. The Arctic seasonal sea ice melt in 2008 outpaced normal levels by 34%..
3. The oil and coal industries spent \$427 million in the first six months of 2008 in political contributions, lobbying expenditures and advertising to oppose climate action. Do you plan to let them run the energy future for the USA??? If so, we might as well start planning to live in a world MUCH hotter, with more tornados, hurricanes, less food, and more wars as poor countries go under from rising seas and lessening food supplies. **IS THAT THE FUTURE YOU PLAN FOR YOUR CHILDREN AND GRANDCHILDREN???**

Sincerely yours,

*Neville Sue Rapp*

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