

I am chair of the 8<sup>th</sup> LD Democratic Organization. (Washington's 8th LD contains the cities of Richland, West Richland, and most of Kennewick – right across the Columbia River from the Center.) I have lived in the Tri-Cities in 1981, when I was hired by Rockwell Hanford Operations as an Advanced Engineer on the Basalt Waste Isolation Project.

It is very important that "Greenhouse Gas Emissions and Climate Change" impacts have been considered in the DEIS.

I ask that all permits for the Longview coal export terminal be denied. Science has firmly established that humanity's burning of fossil fuels like coal is causing climate change. This is well understood by ecologists, climatologists, energy experts, engineers, and scientists who work at PNNL and Hanford-related businesses in the 8<sup>th</sup> LD. The Democratic Party intends to stop climate change. Our 2016 State Convention on June 18th will adopt a powerful "Energy, the Environment, and the Climate Crisis" platform plank. The State Party formally acknowledged the global climate crisis two years ago in Spokane, where Governor Inslee called on the assembled delegates for "Action This Day"!

The 8th LD lies immediately adjacent to, and contains portions of, one of the most beautiful areas in our state, the Hanford Reach National Monument. This magnificent expanse of pristine eastern Washington shrub-steppe habitat -- like the rest of Earth, humanity's cradle and our common home -- is threatened with extinction by climate change. We have much to lose.

On the other hand, no community in Washington State has more to gain from seriously tackling climate change than the 8th LD. At the UN Climate Change Conference in Paris last December, top climate scientists – including James Hansen, who was head of the NASA Goddard Institute for Space Studies from 1981 to 2013 – stated that rapid expansion of nuclear energy production capacity must be part of the world's response to climate change. The International Energy Agency estimates that if the U.S. is to achieve the target set for it in Paris – i.e., reduce our nation's GHG emissions consistent with an international effort that limits maximum warming to 2°C – then \$8 trillion must be invested in the construction of nuclear plants between now and 2050, together with \$20 trillion for the renewables wind and solar!

Thank you.

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*Nuclear energy technology and operations have long been a mainstay of the Tri-Cities economy, because of Hanford.*