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General Comment

I believe that is of strategic importance for the United States to develop efficient molten salt nuclear reactors (MSRs) that were first tested back in the 1960's..

The fissioning the easily obtained and inexpensive uranium, thorium and existing nuclear spent waste fuels will be able to provide the power for electricity, seawater desalination, industrial process heat and transportation fuels for at least the next 10,000 years. These thermal reactors are 1) passively safe using the natural laws of physics, 2) emit no GHG during operation, 3) many designs have substantially greater proliferation resistance than current reactors, 4) they are projected to generate tiny amounts of waste (600 lbs/Gigawatt) that 87% are down to natural background levels within 10 years and the remaining 17% in around 300 years, and 5) can do this in areas that don't have a large water mass as a heat sink. Once developed, estimates put the at plant electrical power or industrial heat at about \$0.03/kilowatt while providing family wage jobs at a greater number than the current fossil fuel power generation industry. These jobs and the low cost power can provide the substantial economic boost to the economy to pay down our national debt and allow better future for our kids.

Multiple nations are pushing forward in developing these MSRs and the US nuclear regulatory agency should pursue a regulatory process (probably performance based) that will allow these MSR applications to be reviewed and processed as soon as possible.

Thank you for allowing and taking our comments.

SUNSI Review Complete
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