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## **Submitter Information**

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## **General Comment**

I believe our future lies in Ohio competing with China to develop the first MSR (Molten Salt Reactor) capable of producing emissions free electricity, very safely, and at a very affordable cost. The attributes of the MSR coupled with plasma gasification will allow the MSR and plasma gasifier to produce synthetic natural gas, synthetic gasoline, and synthetic diesel fuel, from any carbon based material. This means it can consume trash (and sewage) while producing various synthetic and ultra clean fuels.

MSR's can be built on an assembly-line and Ohio knows a thing or two about assembly production.

MSR's can run on the element thorium and a popular design is a LFTR (Liquid Fluoride Thorium Reactor), they are inherently safe, and produce no long-lived nuclear wastes. To learn more about MSR's and LFTR's and the element thorium visit www.Th90.org.

Creation of a Thorium Molten Salt Reactor Laboratory at Plum Brook NASA.

Creation of an economic boom for Ohio with high paying jobs and affordable energy.

Ohio will become a dominate world leader in energy production.

Thorium Molten Salt Reactors can consume spent reactor fuel rods, thus eliminating the need to bury hazardous

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nuclear waste in the Yucca Mountains or Ontario.

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Thorium Molten Salt Reactors produce life saving medical isotopes (Actinium-225 and Molybdenum-99) that are in high demand in the cure for cancer.

Thorium Molten Salt Reactors are very proliferation resistant.