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USNRC**Submitter Information**

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General Comment

To the NRC,

In your strategic plan for fiscal years 2014 through 2018, please include the necessary provisions to create approval plans for molten salt reactors, including Thorium fueled small modular reactors. The potential advantages of these reactors go beyond sustainable and cheap electrical power generation. These reactors have the ability to produce rare medical isotopes that can save lives.

Two years ago, a doctor showed me test results that indicated that my 2 year old son might have leukemia. He recommended that we return in one month for more testing in case the initial test results were a false positive. For a month, my wife and I researched leukemia and its treatments--talking to doctors and reading every piece of literature we could find. From what we learned, one of the brightest prospects for treating leukemia and other dispersed cancers, is targeted alpha therapy using Bismuth 213. The problem is that Bismuth 213 is simply too rare to allow effective, widespread research on the technique. The Neptunium decay chain, from which Bismuth 213 is made, does not occur in nature. Thorium fueled molten salt reactors can produce this incredibly rare isotope and allow the medical community to further develop this promising cancer treatment. After further testing, we learned that my son did not have leukemia. But for a month, my wife and I lived a small piece of the nightmare that many Americans experience for years on end.

Ladies and gentlemen of the NRC, I would urge you to please make molten salt reactors a priority for your strategic plan. It would mean the world to me and many other Americans.

Thank you for accepting public comments in this docket.

Sincerely,

Willie Zenk
Waterloo, Iowa

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Add= *R. Pjauru (rgb11)*