

Rulemaking Comments

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From: Paul Fretheim [paul@inyopro.com]
Sent: Thursday, April 21, 2011 7:59 PM
To: Rulemaking Comments
Subject: Docket ID NRC-2010-0131: Suspend the AP1000 approval

Dear Secretary Vietti-Cook,

Eternity is a long time. 250,000 ,might as well be eternity as far as human lives are concerned. As you know, that is how long the most poisonous of all substances, Plutonium, must be isolated from the environment to avoid mass disruption of the basic component of life, our chromosomes, DNA itself.

Plutonium and the other horribly deadly substances created by nuclear fission in a reactor do not even exist naturally. If they did, we probably wouldn't be here, and if we create too much of them, our descendants will not be here.

There is no way to isolate those substances for eternity.

Eternity is a long time.

We cannot in good conscience create hundreds of tons of these immutable poisons to generate heat to boil water, the energy of which is gone in an instant. Especially when there are perfectly good reactors already going that provided, in the case of the Sun, roughly enough energy to run the entire human economy for 800 years each day.

Al Gore, in his recent book, "It's Up to Us!" estimates that the other source of safe heat from nuclear decay, the geothermal heat from the Earth's core, can provide us with enough energy to power our entire economy for 40,000 years.

We don't need nuclear reactors and we certainly don't want any more of their actual product, the deadly, immutable radioactive poisons.

Please try and be reasonable, thoughtful, and well informed. If you are, I don't think you can possibly support the continued use of nuclear fission to boil water. Sunlight can do that very well.

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