

ClinchRiverESPEISCEm Resource

From: Kathy Vinson <nrgmagic@comcast.net>
Sent: Wednesday, July 11, 2018 12:05 PM
To: ClinchRiverESPEIS
Subject: [External_Sender] Public Comment - Clinch River DEIS (Docket 52-047)

Dear NRC staff,

I am deeply concerned about the proposed siting of experimental Small Modular Reactors (SMRs) at the Clinch River site in Oak Ridge, Tennessee. The Tennessee Valley Authority (TVA) is seeking an early site permit (ESP) to construct two or more reactors, with up to 800 megawatts (MW) of electricity generation capacity.

NRC issued a Draft Environmental Impact Statement for TVA's permit application on April 26, 2018. NRC's analysis is deeply flawed and biased toward approving this unnecessary, expensive, and counterproductive project.

NRC must reject TVA's proposal to dramatically reduce the Emergency Planning Zone from 10 miles to just 2 miles or less. The EPZ requirement defines the scope of evacuation plans and other emergency response measures must be in place in the case of a major release of radioactive material. There is no possible justification for reducing emergency planning requirements on the basis of reactor designs that have not even been approved.

The reality is that TVA's proposed SMR project is a thinly disguised subsidy to the nuclear power industry. TVA has no need to build more nuclear reactors, with a surplus of electricity and declining demand from its customers. The proposed project would be entirely uneconomical, with estimated costs 3-5 times more than the current cost of wind and solar power. Energy efficiency is yet more cost-effective.

NRC must consider the recent experience with other proposed new reactor projects, using untested new designs. South Carolina utilities abandoned building new reactors last year, but only after spending nearly a decade and \$9 billion on them. South Carolina ratepayers are paying 18% of their electricity costs for partially built reactors that will never generate a watt of electricity. Had the utilities invested in solar, wind, and/or efficiency ten years ago, South Carolina would be saving money and reducing carbon emissions, with no radioactive waste.

These and other biases in the DEIS amount to promoting nuclear power over other energy sources. This is contrary to NRC's statutory mission to be a neutral regulator with the purpose of ensuring nuclear safety, not promoting nuclear power. NRC must withdraw the DEIS and perform a fair, accurate, objective analysis of TVA's site permit application, as well as the real alternatives of energy efficiency, wind, solar, and other renewable energy sources.

I actually live less than 10 miles from this site and I have been and continue to be gravely concerned, based on first-hand experience, about the cavalier attitude the nuclear industry has in regard to human safety. This industry is notorious for excluding all but the most faithful insiders from any critical communications when it comes to pretty much ANYTHING they plan to do that will affect anyone but themselves.

The financial costs are bad enough; but, the human cost is overwhelming and results in diminished quality of life, sickness and death for a huge percentage of people who have the unfortunate life circumstance to have to deal with this evil. Can you say Y-12? What are you going to do with that mess? Oh, you want to make it worse. Great. No, thank you.

If you have one shred of human compassion left, DO NOT BUILD SMRS OR ANY OTHER REACTOR IN EAST TENNESSEE.
WE HAVE ALREADY BEEN POISONED BY YOU ENOUGH.

Ms. Kathy Vinson
116 East Price Road
Oak Ridge, TN 37830
408-398-6461

Federal Register Notice: 83FR18554
Comment Number: 2235

Mail Envelope Properties (771545486.9526.1531325082186.JavaMail.tomcat)

Subject: [External_Sender] Public Comment - Clinch River DEIS (Docket 52-047)
Sent Date: 7/11/2018 12:04:42 PM
Received Date: 7/11/2018 12:04:43 PM
From: Kathy Vinson

Created By: nrgmagic@comcast.net

Recipients:

Post Office: vweb59.salsalabs.net

Files	Size	Date & Time
MESSAGE	3450	7/11/2018 12:04:43 PM

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received: