

LeeCOLAEISComments Resource

From: Butch Turk [butch@wildrockies.org]
Sent: Tuesday, May 13, 2008 11:06 AM
To: LeeCOLAEIS Resource
Subject: Duke nuke EIS scoping

Hi,

Re Duke Energy's Proposal for 2 nuclear reactors near Gaffney, South Carolina.

As a prospective downwinder, I am horrified by this scheme. Nuclear energy is not the solution to the climate crisis -- it takes too long, costs too much and still has enormous health, safety and security challenges -- and therefore is an enormous distraction from the REAL solutions of massive, systemic, delivered and installed energy efficiency and really clean power from the natural forces of wind, sun and the appropriate harnessing of water power.

I want to know:

What are the specific dose estimates including tritium and Nobel gases for all areas within 100 miles?

A nuke requires millions of gallons of water – in some cases per day, in some cases per minute. Where will the water come from?

How much will be returned to that source and how much will leave the site as steam? How will that water sacrifice impact our environment, agriculture, and local water supplies including drinking water?

Are climate change projections factored in?

How much wind energy capacity exists within the Duke service area? What is the solar capacity of all the roof tops within the Duke Service area? If energy efficiency is delivered to Duke customers to reduce consumption across the service area by 30%, would this new power plant be needed? How many other generation sources could be scrapped? How much would each option cost compared to the proposed nuke?

What are the true costs of nuclear reactor operation – including all the costs born by we taxpayers including direct subsidies, tax credits, loan guarantees, federal waste program, federal insurance program and costs born by victims including health impacts from routine release of radioactivity, mining, processing nuclear fuel, waste transport, management, treatment (including incineration and heat treatment) and disposal?

What will be the impact of the Climate Crisis on reactor operations – the elevation of temperature in cooling water causing reactor outages; the increased rate of loss of off-site power due to increased incidence of severe weather and so increased risk of a major reactor accident tied to Station Black-out?

Where's the proof that nuclear energy can contribute significantly to reducing greenhouse gas emissions – particularly in the immediate, most critical period of time, and when accounting for all life cycle emissions?

Sincerely,
Larry Turk

Lawrence "Butch" Turk, RN
PO Box 203
Hendersonville, NC
USA 28793
+1-828-697-7242
butch@wildrockies.org

Federal Register Notice: 73FR15009
Comment Number: 13

Mail Envelope Properties (130508134.29477)

Subject: Duke nuke EIS scoping
Sent Date: 5/13/2008 11:05:36 AM
Received Date: 5/13/2008 11:11:20 AM
From: Butch Turk

Created By: butch@wildrockies.org

Recipients:
"LeeCOLAEIS Resource" <LeeCOLAEIS.Resource@nrc.gov>
Tracking Status: None

Post Office: webbox.com

| Files | Size | Date & Time |
|--------------|-------------|------------------------|
| MESSAGE | 2569 | 5/13/2008 11:11:20 AM |

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