

LEAH R. KARPEN - 400 CHARLOTTE STREET #803 - ASHEVILLE, NC 28801-1452

MAY 12, 2008

Chief, Rules and Directives Branch  
Mailstop T-6D59  
U. S.. Nuclear Regulatory Commission  
Washington, DC 20555-0001

3/22/08  
70 FR 15009  
14

RECEIVED

2008 MAY 20 AM 10:00

RULES AND DIRECTIVES  
BRANCH  
USNRC

Statement for: NRC Scoping Process: Nuclear Power Plan Proposed by **Duke Energy**--  
Environmental Impact Statement

First of all, I have to state my opposition to the construction of any new nuclear power plants in the United States (or elsewhere). Following are some specific points to consider.

1. **Air quality:** Please supply specific dose estimates for tritium and Nobel gases for all metropoilitan areas within 100 miles.
2. **Water Usage:** Nuclear power plants require tremendous amounts of water for their operation. Specifically, how much water will be used, how much returned to the source, how much will escape as steam? What will be the source of water, and how much? Have climate changes been considered?
3. **Alternate sources of power:** Could Duke energy instead promote solar capacity and/or supply wind energy? Are there other sources of power possible?
4. **True cost:** Estimates of the cost of nuclear power plants vary by billions. Cost overruns are usual. Is a nuclear power plant a wise investment? And who will pay? Should our Federal government pay for such endeavors--at taxpayer expense, of course? Can we vote on it?
5. **Nuclear waste:** No one agency has yet solved the problem of safe disposal of nuclear waste, or spent nuclear fuel. Better not to create waste in the first instance.
6. **Greenhouse gas emissions:** Do we have proof that nuclear energy contributes significantly to reducing gas emissions?
7. **Climate change:** As yet the impact of climate change on nuclear operations is unclear.

Please consider my concerns and include them in your EIS. Thank you.

Sincerely yours

(Mrs.) Leah R. Karpen

SONSI Review Complete  
Temp letter = ADM-013

F-REDS = ADM-03  
Call = L. Feller (LMT 2)