

**PUBLIC MEETING:** William States Lee III Nuclear Station Units 1 and 2 licenses application. To provide an opportunity for the public to submit comments to NRC on the draft environmental impact statement (DEIS). THE LEE PLANT WOULD BE SITUATED IN GAFFNEY, SC.

## **NEW NUKE 60 MILES FROM ASHEVILLE ?!**

**ANOTHER EXAMPLE OF CORPORATE GREED OVER PUBLIC NEED**

<b>TIME:</b> JANUARY 19, 2011 AT 7PM	<b>Carpooling from WNC *****</b>
<b>PLACE:</b> Restoration Church International	Laura Sorensen..Lsredoak@gmail.com
1905 North Limestone Street	call 828-545-4443
Gaffney, SC 29340	Please RSVP / can drive? / need ride

**To Speak:** sign up 15 minutes before the meeting OR reserve your spot by contacting NRC staff Sarah Lopas (800) 368-5642 ext. 1147 or sarah.lopas@nrc.gov. by JANUARY 17<sup>TH</sup>.

MAKE A STATEMENT BY SIMPLY SHOWING UP, YOUR PRESENCE MATTERS! STAGE FRIGHT? SOMEONE CAN READ IT FOR YOU!

### **YOU CAN MAIL YOUR COMMENT TO:**

Chief, Rulemaking and Directives Branch  
Office of Administration  
Mail Stop: TWB-05-B01M  
US Nuclear Regulatory Commission  
Washington, DC 20555-0001

### **OR EMAIL: LEE.COLAEIS@NRC.GOV**

always reference Document of put on subject line  
"76 FR 79228, December 21, 2011"  
FAX: 301-492-3446  
Please remember the deadline for  
**WRITTEN COMMENTS MARCH 6, 2012**

**Carpooling from Westgate EarthFare at 5pm**

## **TALKING POINTS ARE ON THE BACK OF THIS NOTICE**

**THE PEOPLE OF JAPAN ARE TELLING OUR GOVT TO  
STOP NULCEAR POWER PLANTS!  
DUKE POWER AND THE NUCLEAR REGULATORY COMMISSION ARE  
CLOSING THEIR HEARTS AND MINDS  
TO THE LESSONS OF FUKUSHIMA**

## ***WE MUST STAND UP!***

**1) Nuclear Power Is Dangerous:** Radiation exposure damages reproductive cells, immune system—causes genetic mutations and cancer, spontaneous abortion, mental retardation, spina bifida, heart disease, leukemia and more. (National Academy of Sciences, BEIR V & VI; World Health Organization) . The truth is.....we all are at risk.....depends on where the water flows and the wind blows. According to the National Academy of Science, there is no safe level of radiation. You cannot taste it, smell it or see it. Health effects can show up 10-30 years later. The NRC chief reported to Sen. Barbara Boxer in a recent report that 26 million potassium iodide tablets have been distributed to States. US population is 310.5 million. The so called 10 mile and 50 mile risk area around nuclear plants doesn't hold true to the people and children of Belarus , victims of 1986 Chernobyl fallout who are still suffering debilitating diseases as a result of contamination from 124 miles away. In Japan, Fukushima has sent fallout to Tokyo and Asheville is 3 times closer to Gaffney's proposed nuclear site. The NRC quotes the research done from the Chernobyl accident where thyroid cancer in children who ate radioactive food supplies OUTSIDE the safety zones was reported. There is also Chernobyl Heart, a genetic disorder in which children in Ukraine are born with holes in their hearts. Is nuclear worth this kind of risk and human suffering?

**2) Broad River:** Lee Nuclear Plant would use 47 million gallons of water per day with 75% loss through evaporation. Two large cooling lakes, (one is a 3 day back-up) would steam and cool 2 reactors that produce as much heat as 1200 atomic bombs. Even the NRC calls the Broad River "small" and climate changes suggest possible droughts. Shut down could happen due to lack of water for cooling; a very dangerous occurrence. It currently supports a hydropower station, the huge Cliffside coal plant only 16 miles upriver and Summer nuclear plant ( 1 reactor, 2 more proposed) downstream near Columbia, SC . After use, water is returned to the river as "thermal pollution" (warm water) which stresses fish, other animals living in the area and negatively impacts the surrounding environment. The SC Dept of Natural Resources list the Carolina Fantail Darter fish that lives in the Broad River as "critically imperiled" in South Carolina & warns of "high conservation priority".

**3) Money Problems:** Price tag for the 2 nuclear reactors has grown from \$11 to \$14 billion. Duke Power wants customers, 70% in NC and 30% in SC, to pay pre-construction costs through rate hikes in addition to taxpayers shouldering the entire financial risk through Federal Loan Guarantees. **Another Bail-Out in the making!** Wall Street won't invest because as the Congressional Budget Office says, default rate on loans for new reactors "very high well above 50%". Duke and Progress said their proposed merger was the only way to build more nuclear but the Fed. Govt. has refused the request twice in opposition to such a large monopoly. The estimated start-up date is from 2018 to 2020.

**4) Uranium Mining:** Uranium fuel is not a renewable or clean source of energy. Miners have been diagnosed with lung diseases, cancer. Uranium mining releases radon from the ground into the atmosphere. Mines and mining waste can release radionuclide, including radon and other pollutants to streams, springs, and other bodies of water. Virginia .....possible new uranium mine.

**5) Nuclear Waste:** Storing radioactive waste on-site has contaminated ground water at many reactor sites. After more than 40 years of commercial radioactive waste generation, there is no long term location to keep it safe and contrary to many claims, no way to "recycle" it. Out of 104 US reactor sites, 100 have contaminated soil leading to contaminated ground water. Why will Lee be different? Nuclear waste remains radioactive for millions of years. This is critical to safety planning. There is Currently 145 million Tons of waste at 77 US sites.

**6) AP1000 Westinghouse Reactor:** Rep Ed Markey's statement: "Instead of doing all they should to protect nuclear reactors against seismically-induced ground acceleration, these Commissioners (NRC) voted to approve the acceleration of reactor construction. " "They have fast-tracked construction of a reactor whose shield building could 'shatter like a glass cup' if impacted by an earthquake or other natural or man-made impact". This is a new design, never been built, that is proposed for 14 new reactors in the Southeast.

More info: [NIRS.ORG](http://NIRS.ORG) / [NCWARN.ORG](http://NCWARN.ORG) / [BREDL.ORG](http://BREDL.ORG) / [CLEANENERGY.ORG](http://CLEANENERGY.ORG) / [MARKEY.HOUSE.GOV](http://MARKEY.HOUSE.GOV) / [NRC.GOV](http://NRC.GOV)

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\*One hour before the meeting Nuclear Regulatory staff is available in lobby for informal chat.\* ☺

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