

**Rulemaking Comments**

DOCKETED  
USNRC

**From:** Nicole Downs [anikkid@hotmail.com]  
**Sent:** Thursday, April 28, 2011 1:23 PM  
**To:** NRC Allegation  
**Subject:** Post petition prm-50-96 for public comment

May 11, 2011 (9:10 am)  
OFFICE OF SECRETARY  
RULEMAKINGS AND  
ADJUDICATIONS STAFF

Dear NRC,

My name is Nicole Downs and I live in Glennville, GA. I was recently shocked to learn that your organization has no plan for a long term power outage lasting over seven days, without fuel resupply to emergency generators being possible, or events that prevent workers from reporting to duty at nuclear plants. It is my understanding that either of these situations has the potential to cut power to cooling systems of the reactor core and unshielded spent fuel pools. In this event, there is a high percentage chance that a meltdown of the reactor or spontaneous zirconium fire in the spent fuel pool will occur. Both of these situations, as you well know, will spread radioactive contamination over a large portion of the United States and poison much of our water and food supply.

I believe that a reasonable person would assert that there is the potential that a solar flare ( a natural event), EMP weapon, or cyber attack could destroy large portions of the US power grid in the future, thus should be planned for. Also I believe that it is very reasonable to demand that the NRC and nuclear plant owners move immediately to protect US nuclear plants from long-term power outage and/or loss of human operators. It has been brought to my attention that petition to the NRC number PRM-50-96 filed March 14, 2011 addresses and provides solutions to the issues of long term commercial grid disruption and loss of power station attendants. I hereby request that this petition be made available immediately for public comment and then adopted and the solutions implemented, as soon as possible. It is a glaring failure of the NRC that this situation is allowed to exist in the first place considering the dire consequences of failure of just one reactor or spent fuel pool. Please move with all speed to address this issue.

I happen to live very near to one of the 23 plants in the US with the same containment system (GE MK 1) as the Fukushima plant in Japan. All indications are now that the primary containment of at least one reactor core has failed, and that several unshielded spent fuel pools have caught fire. Fukushima was a mild SBO event. They had fuel resupply and electricity restored in days, it cannot be viewed anywhere near a worst case scenario. With trace radiation levels being picked up in US milk from 6,000 miles away this is very troubling. I request that Georgia plants be placed first on the list to receive the retrofits outlined in petition PRM-50-96.

Also , I request that the NRC postpone any decision on allowing two new Westinghouse AP 1000 reactors to be added at Plant Vogtle, there are serious safety concerns with this reactor design since the steel containment is separate from the concrete containment and if the steel corrodes ,radiation will be free to reach the environment through the vent in the top of the concrete containment. I am not anti-nuclear, I just realized the dire consequences should there be an accident at any US plant.

**Template = SECY-067**

**DS10**

Yours Truly

Amber Nicole Dasher Downs

## Rulemaking Comments

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**From:** Bladey, Cindy  
**Sent:** Tuesday, May 10, 2011 2:41 PM  
**To:** Rulemaking Comments  
**Subject:** FW: Comments for Docket PRM-50-96  
**Attachments:** Long term loss of power danger!; Post petition prm-50-96 for public comment; Danger to plants from long term power outage.htm; Vulnerability to US plants from long term massive US powergrid failure.

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**From:** Bladey, Cindy  
**Sent:** Tuesday, May 10, 2011 2:39 PM  
**To:** Ngbea, Evangeline  
**Cc:** Gallagher, Carol  
**Subject:** Comments for Docket PRM-50-96

Hi Van,  
Please add these four emailed comments to Docket PRM-50-96.  
Thanks,  
Cindy

Cindy Bladey, Chief  
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