

**PRM-50-96
(76FR26223)**

From: Tommy Lee [tommy_lee1453@yahoo.com]
Sent: Wednesday, April 13, 2011 1:00 AM
To: NRC Allegation
Subject: Danger to plants from long term power outage

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

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Dear NRC,

My name is Thomas Levi, and I live in Reidsville, GA. I was recently shocked to learn that your organization has no plan for a long term power outage lasting over seven days, in the event fuel resupply to emergency generators is impossible, 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 change that this will cause a meltdown of the reactor or spontaneous zirconium fire in the spent fuel pool. 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 may destroy large portions of the US power grid in the future, thus should be planed 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 both of the issue of long term 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 full 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 worse 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.

Yours Truly

Thomas Levi

Template = SECY-067

DS10

Rulemaking Comments

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.

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
Rules, Announcements, and Directives Branch
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