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## PUBLIC SUBMISSION

<b>As of:</b> July 07, 2011
<b>Received:</b> July 06, 2011
<b>Status:</b> Pending_Post
<b>Tracking No.</b> 80eba21c
<b>Comments Due:</b> July 20, 2011
<b>Submission Type:</b> Web

**Docket:** NRC-2011-0069  
Thomas Popik - Foundation for Resilient Societies

**Comment On:** NRC-2011-0069-0002  
Petition for Rulemaking Submitted by Thomas Popik

**Document:** NRC-2011-0069-DRAFT-0034  
Comment on FR Doc # 2011-11112

DOCKETED  
USNRC

July 7, 2011 (2:37 pm)

OFFICE OF SECRETARY  
RULEMAKINGS AND  
ADJUDICATIONS STAFF

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### Submitter Information

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### General Comment

I understand that our nation needs reliable power generated by nuclear plants. When a reasonable safety improvement is proposed, the NRC needs to carefully consider it. Petition PRM-50-96 would require backup safety systems for spent fuel pools at nuclear plants. I support the safety improvements proposed by PRM-50-96.

Events in Japan after the March 11 earthquake and tsunami have demonstrated the vulnerability of nuclear power plants to loss of power from the electric grid. A recent report by the Oak Ridge National Laboratory discloses a 1% annual probability of long-term and widespread electric grid failure due to natural disaster from solar flare activity. Over the standard 40 year license term of nuclear power plants, this equates to a 33% chance of long-term power loss, a risk far greater than most other natural disasters, including major earthquakes and tsunamis.

please take this seriously, this is a very real threat and would be very difficult to deal with the results with todays systems

Template = SECY-067

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## Rulemaking Comments

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**From:** Gallagher, Carol  
**Sent:** Thursday, July 07, 2011 8:15 AM  
**To:** Rulemaking Comments  
**Subject:** Comment letter on PRM-50-96  
**Attachments:** NRC-2011-0069-DRAFT-0034.pdf

Van,

Attached for docketing is a comment from an anonymous individual on PRM-50-96 (76 FR 26223) that I received via the regulations.gov website on 7/6/11.

Thanks,  
Carol