

# Nuclear Information and Resource Service

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Petition Manager (10 CFR 2.206)  
Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

By email c/o Donna Skay, Petition Manager, NRR Division of Licensing Project  
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## **Supplement 2 to Requested Emergency Enforcement Action (10 CFR 2.206) Filed February 23, 2005 Regarding Emergency Backup Power To Emergency Notification Systems**

Mr. Reckley:

On behalf of the petitioners filing the February 23, 2005 Emergency Enforcement Petition (URL attached) requesting NRC to issue generic communications to all Part 50 operating licensees to assure the reliability of power to Emergency Notification Systems and Orders to require licensees to install and maintain Emergency Notification System backup power sources independent of the electrical grid, NIRS submits the following supplemental material.

Attached please find URL:

<http://www.sanluisobispo.com/mld/sanluisobispotribune/living/community/11560545.htm>

San Luis Obispo Tribune May 04, 2005 article

## **CountyRoundup**

The San Luis Obispo Tribune  
May 04, 2005

### **DIABLO CANYON**

#### **PG&E starts siren replacement**

Pacific Gas and Electric Co. has begun replacing the 131 emergency warning sirens surrounding Diablo Canyon nuclear power plant.

The older sirens, which date from the 1980s, are being replaced with new ones equipped with battery backups. The replacement project is expected to be completed late next year.

PG&E decided to undertake the project following the December 2003 San Simeon Earthquake, which knocked out electrical power to many of the sirens. Although there was no emergency at the plant that required the use of the sirens, the possibility that the sirens might fail during a public emergency that included power outages caused a public outcry and prompted the utility to replace the sirens sooner than planned.

-- David Sneed

The petitioners submit this as further supporting evidence demonstrating that existing emergency sirens can be back fitted to assure operation independent of vulnerable electric grid systems. Currently, the electric grid is the sole power system to many public Emergency Notification Systems around nuclear power stations which can result in the simultaneous failure of emergency notification systems during electrical grid disturbances and an emergency at nuclear power stations resulting from an accident and potentially an act of sabotage.

Petitioners submit that such upgrades to emergency notification systems to provide emergency back up power systems needs to be fully analyzed by NRC to assure performance of emergency notification performance for the duration of an emergency.

Petitioners further submit that upgrades to emergency notification systems to provide emergency back up power systems needs to be uniformly applied over all Part 50 licensees with uniform standards, inspection procedures, and enforcement to reasonably assure uniform performance.

Thank you,

Paul Gunter, Director  
Reactor Watchdog Project  
NIRS

Attachments:

1) URL to San Luis Obispo Tribune, May 04, 2005, County Roundup  
<http://www.sanluisobispo.com/mld/sanluisobispotribune/living/community/11560545.htm>

Cc: Petitioners