

King, Mark

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From: King, Mark *MRK*  
Sent: Thursday, September 08, 2011 5:10 PM  
To: Bernardo, Robert  
Cc: Thorp, John  
Subject: RE: New OpE Forum Posting - Earthquake at Mineral, VA Affects North Anna - a few minor comments - NICE COMM

**Bob, Nice COMM -**

my few minor comments (editorial / wordsmithing, nothing technical):

1) When referencing to the electrical drawing might be good to indicate where the 2H EDG and SBO DG are located: See attached for pictures of the North Anna Electrical Distribution System, 2H EDG is to the right of 2H Bus at the bottom of the drawing, the SBO DG tie arrangement is shown in the dotted-box to the far right).

2) Suggest revising sentences as shown:

In addition to the ALERT at North Anna, a number of other plants also declared a Notice of Unusual Event (NOUE) due to seismic activity at their sites.

3) Spell out the first use of acronyms

\* OBE and DBE criteria were exceeded; However, CAV calculations indicate that significant damage would not be expected.

\* Extensive actions are underway to inspect, evaluate, test and repair, if necessary, SSCs to ensure they are capable of performing their required design basis functions. Results are confirming the CAV expectations.

\* To date, no safety related SSCs have been identified that require repair.

\* Long term actions are planned to improved plant seismic monitoring capability and to re-evaluate plant OBE and DBE criteria in conjunction with the resolution to GI-199.

4) Dominion miss-spelled.

On September 8, Dominion representatives briefed the NRC staff on Overview of the 8/23 Earthquake Response and Restart Readiness Demonstration Plan. A link will be provided to the presentation once it is posted in ADAMS. Dominon reported that:

5) Suggest adding spaces between these items (for ease of clicking hyperlinks by the users)

EPRi NP-5930 "A Criterion for Determining Exceedance of the Operating Basis Earthquake"

space

EPRi NP-6695 "Guidelines for Nuclear Plant Response in an Earthquake".

space

EPRi TR-100082 "Standardization of the Cumulative Absolute Velocity

-----end of comments-----

**BOB, again great job on this COMM. I checked all the links and they all worked great!  
I now have to go see a doctor about my carpal tunnel syndrome. (shhh...)**

**Just a reminder you have the Clearinghouse chair on Friday, thanks.  
Have a great weekend.**

Later,  
Mark

-----original message-----

From: Bernardo, Robert

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**Sent:** Thursday, September 08, 2011 4:08 PM

**Subject:** New OpE Forum Posting - Earthquake at Mineral, VA Affects North Anna

This e-mail is being sent to notify recipients of a new posting on the @Operating Experience Community Forum. Recipients are expected to review the posting for applicability to their areas of regulatory responsibility and consider appropriate actions. However, information contained in the posting is not tasking; therefore, no specific action or written response is required.

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**<http://nrr10.nrc.gov/forum/forumtopic.cfm?selectedForum=03&forumId=AllComm&topicId=3476>**

It is being provided to the following groups and individuals: ***All Communications, Auxiliary Feedwater, ECCS, Electrical Power Systems, Emergency Diesel Generators, Emergency Preparedness, Flood Protection & Missiles, Inspection Programs, Natural Phenomena, New Reactors, Physical Security, SIT/AIT, Spent Fuel Storage & Load Handling, and Structural COMM Groups. George Wilson (Dike & Dam Officer), Mathew McConnell (Grid Issues), Marie Pohida (Shutdown Risk / SFP cooling concerns) and Christopher Cook (NRO Geoscience and Geotechnical Engineering Branch 2 Chief)***

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Thank You for reviewing and using Operating Experience.

*Bob Bernardo*

Reactor Systems Engineer

US Nuclear Regulatory Commission

NRR/DIRS/IOEB

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