

**DE FOIA Resource**

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**From:** Khanna, Meena *NRRC*  
**Sent:** Thursday, August 25, 2011 10:14 PM  
**To:** Li, Yong; Thomas, George  
**Subject:** Status of North Anna Visit Regarding Earthquake Issue  
**Importance:** High

Yong and George, pls review and revise as necessary and resend to me, pls. thanks!

Yong and George are at the North Anna site to evaluate the issues related to the recent earthquake. They met with the licensee and presented questions from NRR/NRO/RES to the licensee and went on a plant walkdown. A summary of the status of the visit, to date, is provided below:

The licensee conducted the 1<sup>st</sup> walkdown within 8 hours in accordance with the NRC endorsed EPRI Standard. From the walkdown, the licensee identified 20 items.

The bushing of the transformer was found to be damaged and the oil leaked from the transformer which caused the reactor to trip. The other items were identified to be "superficial," such as, very thin cracks on walls, etc.

The licensee conducted the 2<sup>nd</sup> walkdown after the aftershock triggered at 2 am; however, nothing was found.

The licensee indicated that all seismic monitors are contained in the U1 containment at different levels of the structures as well as in the auxiliary building.

The staff identified issues with the equipment. They noted that the equipment is old and are located on the top of the structure, which is against the requirements that the equipment is to be located on a free surface in the free field.

The licensee expects to have results from the scratch plate that was in the aux building by Friday morning.

Meena Khanna, Branch Chief  
Mechanical and Civil Engineering Branch  
Division of Engineering  
Office of Nuclear Reactor Regulation  
(301)415-2150  
[meena.khanna@nrc.gov](mailto:meena.khanna@nrc.gov)