



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
MARQUIS ONE TOWER
245 PEACH TREE CENTER AVENUE, NE
ATLANTA, GEORGIA 30303-1257

March 4, 2011

EA-10-195

Mr. Ashok S. Bhatnagar
Senior Vice President
Nuclear Generation Development and Construction
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

SUBJECT: RESPONSE TO CORRECTIVE ACTIONS FOR NOTICE OF VIOLATION (NOV)
05000391/2010603-08

Dear Mr. Bhatnagar:

Thank you for your letter dated November 24, 2010 (ML103300217), in which you admitted that a violation occurred and for the information you presented during our meeting of December 16, 2010 (ML103230195), concerning your corrective actions to address NOV 05000391/2010603-08 dated August 5, 2010. The NOV described a violation involving the failure to adequately qualify and evaluate Molded Case Circuit Breakers (MCCBs).

The corrective actions you prescribe for the violation do not appear to be adequate to achieve full compliance with the design control requirements of 10 CFR 50, Appendix B Criterion III. Your methodology appears to be based on a premise that the seismic testing of MCCBs does not need to simulate their actual configuration if they are rigidly mounted. To support your premise, you cited IEEE 344-1974 section 6.4, which addresses devices that are intended to be mounted on a panel, and further states that, "The device may be mounted directly to the shake table if the in-service excitation can be simulated." Your calculation WCG-ACQ-1301 did not demonstrate that the clamped mounting configuration is rigid nor did it establish that IEEE 344 section 6.4 is applicable to the clamped mounting configuration of your MCCBs. Your use of section 6.4, in this case is in contradiction to section 6.1 of the same standard, which states in part, "The equipment to be tested shall be mounted on the vibration generator in a manner that simulates the intended service mounting." Therefore, we request an amended response to the violation describing corrective actions that are sufficient for you to achieve full compliance.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and your response will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of the NRC's document system (ADAMS). Adams is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If you have any questions regarding this correspondence, please contact Mark Lesser at 404-997-4460.

Sincerely,

/RA/

Charles R. Ogle, Director
Division of Construction Inspection

Docket No. 50-391
License No. CPPR-92

If you have any questions regarding this correspondence, please contact Mark Lesser at 404-997-4460.

Sincerely,

/RA/

Charles R. Ogle, Director
Division of Construction Inspection

Docket No. 50-391
License No. CPPR-92

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Letter to Ashok S. Bhatnagar from Charles R. Ogle dated March 4, 2011

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