

Part 21 (PAR)

Event # 47735

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Region: 1	Docket #:
City: READING	Agreement State: Yes
County:	License #:
State: PA	
NRC Notified by: WILLIAM ROSS	Notifications: GEORGE HOPPER R2DO
HQ Ops Officer: PETE SNYDER	NRR PART 21 GROUP EMAIL
Emergency Class: NON EMERGENCY	
10 CFR Section: INFORMATION ONLY	

INTERIM REPORT CONCERNING BATTERY CELLS WITH POTENTIALLY REDUCED DISCHARGE CAPACITY

"This letter will serve as the interim report to the Commission as pursuant to 10CFR21.21 (a) (2). The notification is in regards to a 2GN-23 battery manufactured by EnerSys and installed as part of Station Battery 2-2 at the Dominion Virginia Power, North Anna Station. Battery verification testing performed at North Anna indicated that although the battery was able to meet North Anna's 2 hour discharge requirements, cell #59 appeared to show reduced capacity. As a result, Dominion returned cells #59 and #60 to EnerSys. The cells were received at the EnerSys Corporate Laboratory under Return for Analysis (RFA) ENS-11204.

"During our analysis, which consisted of float charging, discharge testing at the 3 hour rate and an internal inspection it was determined that the cell was unable to meet the defined technical requirements for discharge capacity. Following the determination a series of analytical tests were ordered to perform more in depth analyses of the internal components. Testing on the component samples is currently underway. At this time we have not yet been able to determine if a "defect" as defined in Part 21 exists and therefore this interim report has been prepared. It is expected that the current tests will be completed by May 11, 2012. However, it should be noted that further analysis including the return of additional cells may be required to determine the cause and the reportability under Part 21 reporting."

"Throughout the return and analysis processes EnerSys has been in contact with representatives of the North Anna Station. They have been made aware of the electrical test results and recently of the internal inspection results. They are also aware that there has been no cause determination at this time. Station personnel have also been notified that this interim report has been issued."

TE19
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March 12, 2012

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-001

To Whom It May Concern,

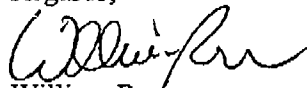
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Please contact me with requests for additional information, comments or questions.

Regards,



William Ross

Cc: W. Hunsberger (Dominion), J. Lewis, S. McHugh (Dominion), J. Reber, S. Vechy, S. Weik, R. Zuidema, QA files