



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION II  
245 PEACHTREE CENTER AVENUE NE, SUITE 1200  
ATLANTA, GEORGIA 30303-1257

January 13, 2014

EA-13-162

Mr. David A. Heacock  
President and Chief Nuclear Officer  
Virginia Electric and Power Company  
Dominion Nuclear  
Innsbrook Technical Center  
5000 Dominion Boulevard  
Glen Allen, VA 23060-6711

SUBJECT: SURRY POWER STATION, NRC INSPECTION REPORT 05000280/2014406  
AND 05000281/2014406 (OFFICE OF INVESTIGATIONS REPORT NUMBER  
2-2013-010)

Dear Mr. Heacock:

This letter refers to the results of an investigation completed by the U.S. Nuclear Regulatory Commission (NRC) Office of Investigations (OI) on August 19, 2013. The purpose of the investigation was to review the facts and circumstances involving a positive for-cause alcohol test result that revealed that a security officer (SO) was not fit-for-duty, approximately 5 hours into his armed shift at the Surry Power Station (SPS) on December 7, 2012.

Specifically, at approximately 11:30 p.m. on December 7, 2012, co-workers at SPS detected the odor of alcohol on the SO's breath, and immediately reported this observation to site security supervision. At the time, the SO was assigned to security duties in the Owner Controlled Area (OCA). In response, the SO was promptly for-cause tested for alcohol, and test results confirmed a Blood Alcohol Concentration (BAC) level of 0.139 percent. Because the BAC exceeded Title 10 of the *Code of Federal Regulations* (10 CFR) 26.103 limit of 0.04 percent, SPS declared the test result for alcohol as a confirmed positive test result, and the SO was relieved of duty.

Based on the confirmed positive test and the fact that the SO had been on duty approximately 5 hours at the time of testing, the NRC concluded that the SO was unable to effectively perform his assigned OCA security duties. His deliberate actions caused SPS to be in violation of 10 CFR 73.55(i)(5)(ii). This regulation requires the licensee to provide continuous surveillance, observation, and monitoring of the OCA, as described in its physical security plan, to detect and deter intruders and ensure the integrity of physical barriers, or other components and functions of the onsite physical protection program.

In this case, the SO's actions did not adversely affect the health and safety of the public because there was no security event necessitating a security response at SPS, and because of the multi-layered security measures that are required at SPS and at all NRC licensed power reactors. Additionally, SPS's continual behavior observation program and followup responses to this issue were prompt and effective. Your followup response included a review of the SO's work history, termination of the SO's access to the facility, and a flagged entry of the SO's name into the nuclear power industry's Personnel Access Data System (PADS). Based on the above and in light of the deliberate aspects of the SO's actions, the NRC has concluded that this violation of 10 CFR 73.55(i)(5)(ii) should be characterized at Severity Level IV. Because this violation was identified by the licensee and meets the non-cited violation criteria of Section 2.3.2 of the NRC Enforcement Policy, it is being dispositioned as a non-cited, Licensee Identified Violation. For administrative purposes, this letter is issued as NRC Inspection Report Numbers 05000280, 05000281/2014406.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room, or from the Publicly Available Records (PARS) component of NRC's Agencywide Documents and Access Management System (ADAMS), which is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

Sincerely,

**/RA/**

Terrence Reis, Director  
Division of Reactor Safety

Docket Nos. 50-280 and 50-281  
License Nos. DPR-32 and DPR-37

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Sincerely,

/RA/

Terrence Reis, Director  
Division of Reactor Safety

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