



Compliance Spot Check Report Public Version

**Virginia Electric and Power Company -
Nuclear**
NERC ID # NCR09006

**Confidential Information (including Privileged and
Critical Energy Infrastructure Information) –
Has Been Removed**

Date of Spot Check: April 12, 2011

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Executive Summary

A compliance spot check of Virginia Electric and Power Company – Nuclear (VEPCO-NU), (NCR09006) was conducted on April 12, 2011. At the time of the spot check, Virginia Electric and Power Company - Nuclear was registered for the Generator Operator (GOP) function.

The spot check team evaluated VEPCO-NU for compliance with NUC-001-2 – Nuclear Plant Interface Coordination, Requirements R1 and R2, as required by the 2011 NERC Compliance Monitoring and Enforcement Program (CMEP) Implementation Plan. The spot check team assessed compliance with the NERC Reliability Standards, for the period of April 1, 2010 to April 12, 2011. VEPCO-NU submitted information and documentation for the spot check team's evaluation of compliance with requirements. The spot check team reviewed and evaluated all information provided by VEPCO-NU to assess compliance with standards applicable to VEPCO-NU.

The spot check team did not discover areas of non-compliance of the two applicable requirements based on the evidence presented by VEPCO-NU and reviewed by the spot check team.

These spot check results are further explained in the Spot Check Results Findings section of this report. This includes detailed information of the spot check team's findings of applicability and compliance for the NERC Reliability Standards within the scope of the compliance spot check. Any Possible Violations will be processed through the NERC and SERC Reliability Corporation (SERC) CMEP. There were no ongoing or recently completed mitigation plans concerning NUC-001, and therefore no mitigation plans were reviewed by the spot check team.

The SERC spot check team lead certifies that the spot check team adhered to all applicable requirements of the NERC Rules of Procedure (ROP) and Compliance Monitoring and Enforcement Program (CMEP) for spot checks.

Spot Check Process

The compliance spot check process steps are detailed in the SERC CMEP. The SERC CMEP generally conforms to the United States Government Accountability Office Government Auditing Standards and other generally accepted audit practices.

Objectives

All registered entities are subject to a spot check for compliance with any reliability standards applicable to the functions for which the registered entity is registered.¹ The spot check objectives are to:

- Review compliance with the requirements of reliability standards that are applicable to Virginia Electric and Power Company - Nuclear, based on the functions that VEPCO-NU is registered to perform and identified in the spot check detail letter;

¹ North American Electric Reliability Corporation CMEP, paragraph 3.1, Compliance Audits
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- Validate compliance with applicable reliability standards from the NERC 2011 Implementation Plan list of actively monitored standards, and additional NERC Reliability Standards selected by SERC;
- Validate compliance with applicable regional standards from the SERC 2011 Implementation Plan list of actively monitored standards;
- Review the status of mitigation plans for the standards in scope of the spot check.

Scope

The scope of the compliance spot check included NUC-001-2 – Nuclear Plant Interface Coordination, Requirements R1 and R2, as required by the SERC 2011 Implementation Plan and identified in the NERC ERO 2011 Actively Monitored Reliability Standards.

At the time of the spot check, VEPCO-NU was registered for the function of Generator Operator (GOP). The spot check team evaluated VEPCO-NU for compliance during the period of the lesser of: 1) date of registration to date of audit exit presentation; 2) date of last audit to date of audit exit presentation; or, 3) June 18, 2007 to date of audit exit presentation.

Confidentiality and Conflict of Interest

Confidentiality and Conflict of Interest of the spot check team are governed under the SERC Delegation Agreement with NERC, and Section 1500 of the NERC Rules of Procedure. VEPCO-NU was informed of SERC's obligations and responsibilities under the agreement and procedures. The work history for each spot check team member was provided to VEPCO-NU. VEPCO-NU was given an opportunity to object to a spot check team member's participation on the basis of a possible conflict of interest or the existence of other circumstances that could interfere with a spot check team member's impartial performance of duties. VEPCO-NU had not submitted any objections by the stated 15 day objection due date and accepted the spot check team member participants without objection. There have been no denials of or access limitations placed upon this spot check team by VEPCO-NU.

Methodology

The spot check team reviewed the information, data, and evidence submitted by VEPCO-NU and assessed compliance with requirements of the applicable reliability standards. Submittal of information and data were sent to SERC 15 days before the scheduled date of the entity review. Additional information relevant to the spot check could be submitted until the conclusion of the spot check. After that date, only data or information which was relevant to the content of the report or its finding can be submitted upon agreement by the spot check team lead.

The spot check team reviewed documentation provided by VEPCO-NU. Data, information, and evidence submitted in the form of policies, procedures, emails, logs, studies, data sheets, etc. were validated, substantiated, and cross-checked for accuracy as appropriate. Requirements which required a sampling to be conducted were developed based upon the significance of the sampling to the reliability of the bulk electric system (BES).

Findings were based on the spot check team's knowledge of the BES, the NERC Reliability Standards, and their professional judgment. All findings were developed based upon the consensus of the spot check team.

Company Profile

Dominion Resources, Inc. (DRI) is a public utility holding company under the Public Utility Holding Company Act of 2005. DRI is one of the nation's largest producers and transporters of energy, with a portfolio of more than 27,500 megawatts (MW) of generation, 12,000 miles of natural gas transmission, gathering and storage pipeline and 6,100 miles of electric transmission lines. DRI operates the nation's largest natural gas storage system with 942 billion cubic feet of storage capacity and serves retail energy customers in 12 states. DRI's corporate headquarters are located in Richmond, Virginia.

Virginia Electric and Power Company, doing business as Dominion Virginia Power, is a subsidiary of DRI. VEPCO integrated into PJM Interconnection, L.L.C. (PJM) on May 1, 2005 and has a generation portfolio of more than 18,000 MW that is transmitted over approximately 56,700 miles of electric distribution lines in Virginia and North Carolina. North Anna and Surry are VEPCO-NU nuclear generation stations that comprise a combined total of 3,404 MW.

North Anna is located in Louisa County in central Virginia and generates 1,806 MW from its two units. Surry is located in Surry County in southeastern Virginia and generates 1,598 MW from its two units.

Spot Check Participants

The following is a listing of all personnel from the Spot Check Team and VEPCO-NU who were present during the meetings or interviews.

Spot Check Team Participants

Role	Title	Entity
Spot Check Team Lead	Senior Compliance Auditor	SERC
Team Member	Compliance Auditor	SERC

Virginia Electric and Power Company - Nuclear Spot Check Participants

Title	Entity
Nuclear Engineer III	VEPCO-NU
Project Manager	VEPCO-NU

Spot Check Results

The spot check team evaluated VEPCO-NU for compliance with NUC-001-2 – Nuclear Plant Interface Coordination, Requirements R1 and R2, as required by the 2011 NERC Compliance Monitoring and Enforcement Program (CMEP) Implementation Plan. The spot check reviewed NERC Reliability Standards for the period of April 1, 2010 to April 12, 2011. VEPCO-NU submitted information and documentation for the spot check team’s evaluation of compliance with requirements. The spot check team reviewed and evaluated all information provided by VEPCO-NU to assess compliance with standards applicable to VEPCO-NU at this time.

The spot check team did not discover areas of non-compliance of the two applicable requirements based on the evidence presented by VEPCO-NU and reviewed by the spot check team.

Findings

The following table details the findings for compliance for the scope identified for this spot check.

Reliability Std.	Req.	Finding
NUC-001-2	R1.	No Findings
NUC-001-2	R2.	No Findings