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August 4, 2016

**Via Electronic Mail**

Pamela Monroe, Administrator  
New Hampshire Site Evaluation Committee  
21 South Fruit Street, Suite 10  
Concord, NH 03301-2429

**Re: New Hampshire Site Evaluation Committee Docket No. 2015-06  
Joint Application of Northern Pass Transmission LLC and Public Service Company  
of New Hampshire d/b/a Eversource Energy (the "Applicants") for a Certificate of  
Site and Facility for Construction of a New High Voltage Transmission Line in New  
Hampshire – Witness Substitution for System Impact and Reliability**

Dear Ms. Monroe:

I write to inform the Site Evaluation Committee that the Applicants in the above-referenced matter are substituting a witness in support of their Application for a Certificate of Site and Facility, effective as of August 4, 2016.

The Application filed on October 19, 2015 included the pre-filed testimony of Bradley P. Bentley, Director – Transmission System Planning at Eversource Energy. Mr. Bentley is no longer employed at Eversource Energy.

Robert Andrew, Director – System Planning at Eversource Energy, will be replacing Mr. Bentley and will adopt his pre-filed testimony. Mr. Andrew's resume is attached hereto. To avoid any doubt, Mr. Bentley will no longer be a witness in this proceeding. All questions regarding system impact and reliability should be directed to Mr. Andrew at the upcoming technical sessions.

Please contact me directly should you have any questions.

NPT – Witness Substitution  
August 4, 2016  
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Sincerely,

A handwritten signature in black ink, appearing to read "Adam Dumville". The signature is fluid and cursive, with the first name "Adam" and last name "Dumville" clearly distinguishable.

Adam M. Dumville

AMD:

cc: SEC Distribution List

Enclosure

## **Robert D. Andrew**

### **Education**

- **Northeastern University, Master of Science in Electrical Engineering, 1983**
- **Northeastern University, Bachelor of Science in Electrical Engineering, 1979**

### **Professional Experience**

**1983 – Present    Eversource Energy (Northeast Utilities (NSTAR Electric (Boston Edison Company)))**

#### **Director, System Planning (Eversource and NSTAR Electric): 2010 to Present**

Accountable for ensuring optimal performance of electric transmission and distribution system assets. Responsibilities include;

- Implement best practices to achieve efficient and effective planning practices.
- Collaboration with others on preliminary and final project designs.
- Participate in the ISO-NE Planning Process including;
  - Area Study Groups
  - Tariff section I.3.9 analyses
  - Transmission Cost Allocation processes
  - Generator Interconnection Studies
- Develop and execute electric system improvement plans for the transmission system and major substation facilities.

#### **Manager, Bulk Power System Operations (NSTAR Electric): 2004 to 2010**

Responsible for the safe, reliable and economic operation of the NSTAR Electric Transmission System. Major duties include:

- Preparation and presentation of evidence of compliance with NERC "TOP" Reliability Standards during NPCC On-site Audit. Received "compliant" rating for all audited standards/requirements.
- Create/implement the Procedures and Training required for NSTAR to become a Local Control Center under ISO New England.
- Manage, select, train, coach and develop Control Room staff
- Manage Transmission System daily operating tasks, including facility outages needed to construct upgrades to facilities
- Responsible Operations Manager for the upgrade of the SCADA System and addition of EMS Applications.
- Implemented use of the Common Information Model (CIM) to update the electric system model used by EMS software applications.

**Senior Planning Engineer (NSTAR Electric): 2001 to 2004**

Responsible for the development of changes to the NSTAR Electric Transmission System to address:

- Overload conditions during normal or contingency conditions
- Improper voltage levels during all operating conditions

Provide assistance to Dispatchers to improve operation of the transmission system including:

- Loadflow analysis supporting outage applications
- Revise SCADA screens to improve the display of system parameters
- Creation of Operating Guides and training to address contingencies and extreme operating conditions

NSTAR's representative on the ISO-NE Voltage Task Force.

**Lead Engineer – Asset Strategy Distribution (NSTAR Electric and Boston Edison): 1997 to 2001**

Provided innovative ideas and leadership on Teams tasked with developing post-merger plans for SCADA, GIS and Communication Systems. Responsible for the Y2K compliance of all Distribution System equipment and review of Y2K Contingency Plans for technical accuracy and operational issues. Identified and implemented "PI" software allowing desktop access to electric system status information via the SCADA System.

**Senior Dispatching Supervisor (Boston Edison): 1996 to 1997**

Responsible for the safe and reliable operation of Boston Edison's electric system. Applied SCADA technology to change the methods for implementing Voltage Reduction, Load Shedding and Transformer Load Tap Changer control eliminating over \$150K/year in maintenance expenses. Boston Edison's alternate member on the REMVEC Operating Committee and Team Leader for the original issue of the Power System Restoration Plan. Initiated efforts to automate relay testing via the SCADA System and to automate restoration of distribution circuits via SCADA controlled operation of RADSEC devices.

**Bulk Power Supply System Controller (Boston Edison): 1993 to 1996**

Responsible for the safe and reliable operation of the NSTAR Electric transmission system including:

- Switching and tagging activities
- Review and approval of outage applications in support of maintenance and construction activities
- Coordination of operating activities with NEPEX, REMVEC and other Utilities
- Loadflow analyses supporting outage applications and changing operating conditions

**Senior Instrumentation and Controls Engineer (Boston Edison): 1983 to 1993**

Technical lead engineer for NRC Audits of Pilgrim Station's environmental qualification program and Instrument Set Point Bases, both audits resulted in no adverse findings. Member of various Multi-Discipline Assessment Teams tasked with root cause analysis and corrective action on major plant systems such as the main turbine control system. Responsible for Project Management and Contract Management for numerous changes to plant design and equipment.

**1981 – 1983                      Stone and Webster Engineering Corporation**

**Engineer – Electric Power Group**

Responsible for the Environmental Qualification of electric equipment for the Millstone 3 Plant. Effort included a staff of four and an estimated budget of 12 million dollars.

**1979 – 1981      Public Service Company of New Hampshire -Distribution Engineer**