

**ATTACHMENT A.**  
**RESUME OF ROBERT D. ANDREW**

# ROBERT D. ANDREW

## Professional Experience

### Eversource Energy

1983 – Present

#### System Planning Director

- Accountable for ensuring optimal performance of electric transmission and distribution system assets.
- 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.

#### Bulk Power System Operations Manager

- Responsible for the safe, reliable and economic operation of the NSTAR Electric Transmission System.
- 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

- 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**

- 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**

- 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**

- 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**

- 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.

**Stone and Webster Engineering Corporation**

1981 – 1983

**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.

**Public Service Company of New Hampshire**

1979 – 1981

**Distribution Engineer**

**Education**

**Northeastern University**, Boston, MA

Master of Science in Electrical Engineering (MSEE)

**Northeastern University**, Boston, MA

Bachelor of Science in Electrical Engineering (BSEE)