

Andrew Lockwood

Instrumentation & Electrical Technical Specialist - Carnegie Strategic Design, Philadelphia

Wilmington, DE - Email me on Indeed: indeed.com/r/Andrew-Lockwood/dcc0b019656853c5

WORK EXPERIENCE

Instrumentation & Electrical Technical Specialist

Carnegie Strategic Design, Philadelphia - Exton, PA - 2013 to Present

Exton) PA 2013 - Present

Instrumentation & Electrical Technical Specialist

- Design Team Leader, responsible for creating and updating Scope of Work and reviewing the drawing package for Allegheny Access Project, 11 pump station, update drawings, incorporate comments and deliver a final installable package.
- Lead Electrical and Instrumentation Engineer, Little Farm Trucking Expansion. Developed and implemented the design with a team of designers taking my direction.
- Design Team Leader, Tasked with leading a team to design and implement meter runs and other pipeline systems which used PLC, Power Distribution, Radio/Satellite communication and instrumentation.

Instrument and Control Associate Engineer, Nuclear Power Technologies

Sargent & Lundy LLC - Wilmington, DE - 2007 to 2013

Lead Instrument and Control Engineer for the Exelon Team responsibility for giving technical and procedural direction to engineering and design staff. Directed a team of full time designers and part time engineers working under my direction,

- Lead engineer for the Control room digital upgrades at Exelon East plants (Oyster Creek and Peach Bottom). Responsible for the requirements of budget, directing designers, engineering support (Civil/Structural) and develop a design package.

- Lead Engineer for the Replacement of the Motor Generator Set with a new Adjustable Speed Drive (Started as an associate

engineer and was selected to be Lead Engineer by both the Program Manager and Client, Limerick). Only member from design

study to provide engineering support during installation. Responsible Engineer and Lead Engineer for installation support and revisions after initial package completion.

- Lead Engineer for temporary Vibration and Pressure monitoring systems, Main Steam, Feedwater, Extraction Steam piping and the Steam Dryer. Responsible for budget and schedule of deliverables.
- Lead Night Shift Electrical Engineer for Replaced water source for Iso Condensers, Oyster Creek, worked with a multi- disciplined team to install new pumps, tank, piping and power feeds on a time critical because of delay of funds being released.

This project was designed and installed within 6 months, was this ahead of schedule.

- Preparer of Designed Study for Limerick Main Power Transformers, wrote the study with inputs from senior engineers and inputs from the plant and vender. Sargent & Lundy LLC was awarded the contract and other Main Power Transformers projects because of our knowledge of both clients desires and technical skill.

- Associate Engineer for Main Power Transformer replacements at Peach Bottom and Limerick

Firefighter

Town of Amherst - Amherst, NH - 2003 to 2008

certified Level 1

EDUCATION**BSEE**

Union College - Schenectady, NY

2007

ADDITIONAL INFORMATION**SKILLS**

- Engineering Change Record and Design Attribute Review • SPID process processes • Lotes Notes/Microsoft Outlook
- Load Change Process • MicroStation
- INDMS cable database • AutoCAD
- IISCP process • MS Office