



William C. Nelson, P.E.

Professional Record

Mr. Nelson is an experienced electrical engineer qualified in the design of environmental facilities. He provides preliminary and final design of electrical distribution systems, including single line diagrams, power plans, lighting plans, and control systems. The environmental facilities include water treatment plants, wastewater treatment plants, pump stations (booster, submersible, etc.), and solid waste facilities. His capabilities include detailed plans and specifications for contract documents, as well as conceptual design, construction administration, and technical review.

Experience:

Mr. Nelson has 32 years of experience in electrical design for various projects with the private and public sector. Mr. Nelson was the project manager, in responsible charge, for all electrical design concerns for the following projects:

- Water Conserv II Bioset System
Orlando, FL
- Asset Management Program Management
Program Development and SWRF Pilot
Orange County, FL
- Water Conserv II Transmission Main Booster
Pump Station Improvements
Orange County, Florida
- OUC Conway Water Treatment Plant,
Orlando, FL
- Water Booster Pumping Station
Oldsmar, FL
- Eustis Eastern WWTP Expansion
Eustis, FL
- Sweeney Water Treatment Plant
Wilmington, NC

Academic Credentials:

Bachelors of Science in Electrical Engineering,
University of Kentucky, 1987

Bachelors of Science in Physics, University of
Kentucky, 1986

Professional Engineer –

Florida # 42017	Alabama# 21386
Georgia# 20803	Indiana# 9300546
Kentucky# 17556	Mississippi# 13022
North Carolina# 18824	Ohio# 57568
South Carolina# 15703	Tennessee# 103508
Virginia# 24122	
Dist of Columbia # 10938	

Employment Record:

2016-Present - Electrical Design Associates,
Inc.
Electrical Engineer

1992-2016- CDM Smith
Senior Vice President

1984-1992 - C.E. Bailey and Associates
Office Manager

Principal Areas of Expertise:

Electrical Design of Medium Voltage and Low
Voltage Power Distribution for Environmental,
Municipal and Commercial Projects

Electrical Cost Estimating

Professional Activities:

Member, National Society of Professional
Engineers
Member, Florida Engineering Society
Member, Institute of Electrical and Electronic
Engineers
NFPA Voting Member for Standards