

RESUME

Roger P. Knight, P.E.

Associate

Electrical Engineer

Education: A.ENG Degree–Electronic Engineering Technology–Wentworth Institute of Technology

Experience: 35 years of operating, maintenance and engineering experience with generation assets.

- Owner/Principal Engineer – RPK Circuit Engineering
Electrical & instrumentation engineering and maintenance consulting for forest products industries, power generation & distribution, substation facilities and automation control systems.
- Adjunct Instructor for the Maine Community College System
- Maintenance Supervisor & Planner – S.D. Warren Paper Co./ Sappi Fine Paper Co.
E&I Maintenance responsibility for continuous pulp digester, pulp screening, bleach plant, pulp machines, pulp furnish and waste treatment facilities. Supervised 15 multi-craft technicians. Planned & executed daily work activities and major shutdown work. Designed process control systems, purchased materials and supervised installation of process improvement projects.
- Maintenance Superintendent – Georgia Pacific Co. / Bowater Papers
E&I Maintenance department head responsible for pulp & paper mills and 120 MVA private power system. Included 3 hydro generating stations, transmission lines, outdoor substations, woodyard, woodroom, sulfite and groundwood pulp processes, 5 paper machines, 1 off-machine coater, 2 supercalenders, 8 winders, 2 finishing rooms, 4 power boilers, 1 recovery boiler and 4 steam turbine-generators. Department included 30 electricians, 15 instrument technicians, 3 engineers, 2 supervisors and office staff.
- Senior Electrical Engineer – Kleinschmidt Associates
Project electrical engineering for hydro electric generating stations, substations, power distribution systems, automation control systems and RCN valuation studies.
- Project Engineer – Central Engineering Department - Great Northern Paper Co.
Electrical engineering assignments on capital & maintenance projects for wood handling systems, sulfite, refiner mechanical & groundwood pulping, coated & uncoated paper machines, supercalenders, winders, roll wrapping & handling systems, boiler controls, power distribution & control systems.

RESUME

H. Erol Ozkirbas

Associate

Utilities & Co-generation

Education: M.S. Mechanical Engineering, Univ. of Evansville
B.S. Mechanical Engineering, Univ. of Evansville

Experience: 21 years of power engineering and management in nuclear, fossil, and hydro production facilities.

- Starrett City (Private Utility – Brooklyn, NY) – Direct all aspects related to the distribution system of an islanded power system within NY City, including all steam, chilled water, and electric products from a co-generation facility. Responsible for all capital and expense programs; the management of site personnel; and the on-going relationship between the utility and Starrett City.
- Northeast Generation Services – Station Services Manager for electric production area that consists 10 hydroelectric developments and one land based jet turbine. Assisted the manager of relicensing for 5 hydroelectric developments. Responsible for assisting the Station Manager with public relations; engineering activities; and the implementation of multi-million dollar capital & expense programs.
- Tractebel North America Corporation – Power Plant Manager and start-up manager for an Independent Power Producer with the University of Maryland 27 MW dual fired combined cycle power plant. Managed \$35 million annual fuel purchase plan for electricity and fuel optimization. Responsible for all distribution related to electricity, chilled water, and steam. Increased net income by over 30%, consistently. Responsible for multi-million dollar capital & expense programs.
- Cove Point LNG Plant – Technical Services Manager for support activities for two GE Frame 3 combustion turbines and natural gas liquefier. Managed projects greater than \$300,000 each.
- Calvert Cliffs Nuclear Plant – Mechanical Maintenance Manager who directed day to day maintenance department activities. Managed four supervisors and over thirty maintenance technicians. Managed the turbine engineering group for the 900 MW GE and 900 MW Westinghouse turbine generator.
- McKee & A. B. Brown Generating Stations - Plant Engineer at natural gas/oil fired units and two 250 MW coal fired units.

RESUME

Michael G. Kline, P.E.

Associate

Asset Management

Education: B.S. Electrical Engineering, Ohio University

Experience: 27 years of operating, maintenance and engineering experience with hydroelectric generation assets.

- PG&E - USGen – Managing Director/General Manager of Hydro. Managed safely and profitably 15 station 1,167 MW hydro system in merchant market. Responsible for safety, environmental, performance to budget, operations, maintenance, engineering, regulatory (FERC), and external relations. Led transition of hydro system from utility rate base model to profitable merchant market operation in preparation for and through evolution of New England wholesale electricity market deregulation. Directed 90 person union and non-union organization with positive employee, union, and external stakeholder relations. Drove changes in union labor contract to gain additional operating flexibility. Used performance metrics to continually measure and improve organizational performance.

- Pacific Gas and Electric Company (PG&E) – Hydro Superintendent and Supervising Hydro Engineer. As Hydro Superintendent, managed operations and maintenance of 15 hydroelectric stations (760 MW) on Feather River and Butte Creek in Northern California. As Supervising Hydro Engineer, directed engineering and drafting organization providing electrical, civil and mechanical expertise to PG&E's extensive hydroelectric system. Developed post project review process to evaluate and test projects met targeted performance criteria and that scope, cost, and schedule were effectively managed with the goal of finding project management improvement opportunities. Promoted through progressively responsible engineering positions providing, equipment specification, economic analysis of projects, design, and project management to become Supervising Hydro Engineer.

- Siemens-Allis Corporation – Engineer. Performed electrical design of large hydroelectric generators for bid opportunities and manufacture. Developed field pole temperature rise design model to improve temperature forecasting capability of large, salient pole hydro generators during design process.

Appalachian Power Company – Electrical Engineer. Performed electrical start-up testing during construction and operational commissioning of Smith Mountain #3 Pumped Storage. Provided electrical troubleshooting, repair, and minor design for 10 hydroelectric generating stations.