

Nancy Kelly

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612-278-7119

EDUCATION

UNIVERSITY OF WISCONSIN, Madison, Wisconsin

B.S., Mechanical Engineering, 1983

UNIVERSITY OF MINNESOTA, Minneapolis, Minnesota

M.S., Industrial Hygiene, 1998

PROFESSIONAL EXPERIENCE

GREEN INSTITUTE, Minneapolis, MN

2008 -

Community energy program Manager

Develop projects within the Community Energy program. Conduct research projects on renewable energy and energy efficiency, including collection and analysis of data, consultation of key experts for insight and feedback. Provide technical and project support to the Clean Energy Resource Teams, including assisting with measurement and verification of energy savings of projects. Conduct feasibility studies of specific community energy projects, including working with experts, conducting technical assessment, analysis of markets, producing financial pro-formas, and identification of key showstoppers and requirements of success. Produce communications on energy efficiency and renewable energy for publication.

MINNESOTA TECHNICAL ASSISTANCE PROGRAM, Minneapolis, MN

2007 - 2008

Senior Engineer

Worked with clients on steam systems assessment to understand their energy use and identify energy conservation opportunities. Major efforts included assessment of energy savings related to steam traps and ultimately comprehensive steam systems assessments in facilities. Provided support to the dry mill ethanol facilities on energy conservation, water conservation and water quality issues.

GOLDER ASSOCIATES INC., St. Paul, MN

2002 - 2007

Senior Project Manager

Provided assistance to clients primarily in the power industry with compliance management and permitting support. These clients had mostly smaller scale alternative energy projects. Specific projects included air permit reporting, hazardous materials management plans, Spill Prevention Control and Countermeasure (SPCC) plans, Stormwater Pollution Prevention Plans (SWPPP), employee training, compliance stack testing, and occupational or environmental noise assessments. Projects outside the power industry included Phase I site assessments, mold assessments, indoor air quality assessments, asbestos sampling, and soil and groundwater remediation.

LABNO ENVIRONMENTAL, INC., St. Paul, MN

1998 - 2002

Mechanical Engineer/Industrial Hygienist

Labno Environmental, Inc. was purchased by Golder Associates in June 2002. Work experience here was similar to Golder Associates Inc.

UNIVERSITY OF MINNESOTA, Minneapolis, MN

1997 - 1998

Research Assistant

Provided research assistance for the Minnesota Wood Dust Study. Measured wood dust exposure for workers and evaluated ventilation systems in various cabinet-making shops in the Twin Cities area.

GENERAL DYNAMICS INFORMATION SYSTEMS, Bloomington, MN 1997
Environmental Health and Safety Intern

Conducted indoor air quality evaluations; industrial ventilation system assessments; noise exposure monitoring; ergonomic assessments; and worker right to know training for a variety of electroplating and coating operations.

NORTHERN STATES POWER COMPANY, Minneapolis, MN 1984 – 1996
Various Positions from Engineering to Management

Provided engineering and management support for a 400-megawatt coal burning power plant. Projects involved start up support for a turbine/boiler replacement project and ongoing operations and maintenance support for the facility. Became Scheduling Administrator responsible for implementing project scheduling systems for plant shutdowns involving major repair work at the facility. Developed long range maintenance and capital budgets. Final position with company was a management position at the transformer repair center with responsibility for 32 union and 4 exempt personnel and all environmental programs at the facility.

LICENSES AND CERTIFICATIONS

Professional Engineer, State of Minnesota #21479 (1991 – present)

Professional Engineer, State of Wisconsin #27792-006 (1991 – present)

Professional Engineer, State of California #31904 (2001 – present)

Certified Energy Manager, #12088 (2007 – present)