



**Causey Engineering  
LLC**

Gerald J. Hietpas, PE  
President

## Causey Engineering LLC

"Forensic and Investigative Services"

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## Curriculum Vitae

**WILLIAM M. JOHNSON, BSEE, P.E.**



*Mr. Johnson is an Associate of Causey Engineering, LLC. Causey Engineering has for over 18 years been providing forensic and investigative engineering services and litigation support, specializing in industrial, utility and construction issues. Mr. Johnson has particular experience in plant operations and maintenance for the power and utility industry sector, including Construction, Manufacturing, Pulp & Paper, Electronic Devices, Electric Power and Hazardous Chemicals.*

### Education:

**Illinois Institute of Technology, IL**  
BS, Electrical Engineering, 1961

**Clarkson College of Technology, NY**  
MBA, Industrial Management, 1965

**OSHA Rules Development**  
State of Washington, 1970

**Various Seminars & Management Courses**

### Registrations:

**Professional Engineer:** Registered in the State of Wisconsin

### Work Experience:

**Causey Engineering LLC, Austin, TX** 2002 to Present

*Forensic Expert:* Provide Forensic and Investigative work related to Electrical Engineering, Plant Operations and Safety. Causey Engineering provides engineering analysis, governmental regulation investigation and research, accident reconstruction and litigation support primarily related to oil and gas, refineries, chemical and petrochem plants, central power stations, electronic manufacturing, food processing, pulp and paper, lumber manufacturing, industrial construction, and warehousing.

**WM Johnson, Consulting, Green Leaf, WI** 2005 – 2007

*Consultant:* Feasibility study of constructing a 75-Megawatt coal fired power and steam facility in central Wisconsin, which included site selection, environmental permitting, cost development, operating considerations, and matching equipment to industrial plant needs.

## **Boldt Construction, Appleton, WI 1995 – 2005**

*Bid Development Support - various projects - Appleton, WI 1995-2005:* Prepared bids, and reviewed issues in areas of construction that Boldt was not familiar. Troubleshoot contract issues on other projects. Provided on-site management for various projects.

*Senior Project Manager - 75-Megawatt commercial power plant - Manitowoc PUD, WI 2003 – 2004:* Responsible for developing bid package for competitive bids, resources for technical issues, schedule development, and owner interface. Provided on-site construction management.

*Project Manager - Steam turbine power plant installation - Morris, IL 2000:* Provided construction management for a fast-track installation of steam plant turbine generator which included project development, permitting, engineering, construction and start-up.

*Project Manager – Green Bay, WI 1999-2000:* On-site construction management of a project to revamp energy systems of a paper mill. Developed techniques to install equipment without mill operation interruption.

*Construction Manager - Syracuse, NY 1998-1999:* Owner representative for construction of 1000 ton per day paper machine installation. Provided safety oversight, scheduling, and quality control.

*Project Manager - Luke, MD 1997:* Managed cost and schedule controls, and provided construction technical support for installation of finish line equipment in an operating environment in Maryland.

*Project Manager - paper mill converting equipment in Upstate New York - Newton Falls, NY 1995-1996:* Responsible for on site construction crews, schedule and cost.

## **CPR Engineering DePere, WI 1994-1995**

*Engineer - Port Edwards, WI 1995:* Provided Engineering support for Steam Plant instrumentation. Resolved functionality issues.

*Project Engineering Manager -Wisconsin Rapids, WI 1994-1995:* Managed engineering design of a Black liquor storage facility including all piping, electrical power and instrumentation, foundations, and construction. Prepared bid documents and specifications for construction firms.

*Engineer - Manitowoc, WI 1995:* Consulted on a project to build a Liquid Smoke Expansion system. Developed design documents, and support for construction techniques and equipment.

## **Crown Zellerbach/James River Paper Companies 1968-1994**

*Area Manager Pulp and Utilities -Central Engineering Office, Green Bay, WI 1990-1994:* Managed a staff of engineers developing projects for mills in the corporation. These included all projects in the utilities areas of all US mills for electrical power, steam, compressed air and chemical handling. Numerous projects to improve Pulping, and bleaching processes within the mills were undertaken.

*Major Project Development Manager – Berlin, New Hampshire, and Marathon, Ontario Canada 1988-1990:*

Managed a major project development team to increase production capabilities for both plants. Performed preliminary engineering, including scope, budget and schedule. Scope included process design, equipment selection and environmental impact,

*Major Project Manager - St Francisville, LA 1984-1988: Managed installation of 45-Megawatt gas turbine generator and heat recovery boiler that was integrated with an existing system. Decommissioned three existing boilers and generators.*

*Pulp and Utilities Manager - St Francisville, LA 1980-1984: Line management of Utilities, kraft pulping, groundwood pulping, wood handling, and sawmill for 900 ton per day pulping facility.*

*Fiber Utilization Manager – Camas, WA 1976-1980: Responsible for wood utilization for 1300 ton per day paper facility. Special assignment was to develop improvements in energy efficiency, water use and environmental compliance for mill.*

*Plant Engineer – Carthage, NY 1972-1976: Responsible for capital budget, maintenance, and engineering for total mill.*

*Technical Maintenance Manager - Port Angeles, WA 1969-1972: Responsible for lubrication crews, and development of maintenance records systems for total mill. Worked on engineering solutions for recurring maintenance problems*

*Mill staff engineer - Port Angeles, WA 1968-1969: Worked on engineering solutions for electrical problems for the mill.*

### ***Professional Memberships:***

**Formerly with TAPPI** - Technical Association Pulp and Paper Industry

**Formerly with PIMA** - Paper Industry Management Association

**Volunteer Firefighter and Medic** - Volunteer Fire Department, Zachary, LA 1981-1985

### ***Forensic Experience:***

Cases Worked are 7, Depositions Given is 6, Trial Testimony Given is 0.

*Use of this CV is prohibited until we have a mutually signed agreement concerning your engagement of Causey Engineering LLC. Pending such, the use of our name is also prohibited, and we reserve the right to accept assignment by others in lieu of your firm.*