

Curriculum Vitae:

## **ROBERT C. PETERS, P.E.**

### **EDUCATION**

B.S. Civil Engineering                      University of Montana

M.S. Civil Engineering                      University of Montana

### **P.E. LICENSES: 16 States**

Alabama, Arkansas, Colorado, Connecticut, Delaware, Florida, Kansas, Kentucky, Maine, Massachusetts, Missouri, Montana, New Jersey, North Carolina, Pennsylvania, Utah

### **CAREER HISTORY**

1994 – 2002 Forensic Engineer: NESC Codes, Required Clearances of Power Lines

1990 – 1994 Gilbert Commonwealth, Reading, PA, Director of Power Transmission and Distribution

1988 – 1990 Sega Engineering, Overland Park, KS, Director of Power Transmission and Distribution

1975 – 1988 Burns & McDonnell Engineering, Kansas City, MO, Manager of Power Transmission, Distribution and Substation Design (staff varied from 30 to 50 engineers)

1973 – 1975 C.T. Main Engineering Co., Charlotte, NC, Engineering Project Manager

1970 – 1973 Harza Engineering, Chicago, IL, Overhead Electrical Transmission Design

1957 – 1970 Commonwealth Edison Co., Chicago, IL, Power Distribution and Trans-mission Design

### **PROFESSIONAL ACTIVITIES**

Sr. Member    Institute of Electrical and Electronics Engineers (IEEE)

Chairman      NESC Code Subcommittee 5, Working Group 5.2

Member        IEEE Working Group on Wood Structures, TP&C Subcommittee

## Curriculum Vitae: Robert C. Peters, P.E.

### PROFESSIONAL ACTIVITIES (Cont'd)

Member	American National Standards, Committee 0.5 on Wood
Member	Natl. Electric Safety Code (NESC) Subcommittee 5, Loading and Strength
Member	IEEE Towers, Poles and Conductors Sub-Committee Steering Committee
Member	IEEE Transmission and Distribution Committee
Member	IEEE Towers, Poles and Conductors Sub-Committee Steering Committee
Member	IEEE Working Group on Coordination of Changes to the NESC
Member	IEEE Loading and Strength Working Group, TP&C Subcommittee

### TECHNICAL PUBLICATIONS

Author	Alternative Design Methods for Wood Transmission Structures based on the 1990 National Electric Safety Code
Author	CP 1964 to the NESC, currently under review by Subcommittee 5
Author	Standard Guide for the Design of Wood Transmission Structures
Author	Finite Element Solution of Wood and Steel Transmission Poles
Author	Calibration of Wood REA Structures in Southern Alabama

### WOODEN UTILITY POLE PROJECTS

Pacific Gas & Electric, review of wood pole maintenance program

Osmose Company, comparison of wood maintenance requirements between GO 95 in California and the National Electric Safety Code

Wooden utility pole engineering design projects: Bolivia, Arizona, Alabama, North Carolina, Kansas and Missouri