

# **Steven Warren Blume**

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## **WORK EXPERIENCE**

### **Applied Professional Training, Inc.** (June 1993 to Present)

President and CEO responsible for creating this progressive company that specializes in high quality professional training for electric power, telecommunications and gas utilities, manufacturers, labor affiliations and educational institutions. Current responsibilities include evaluate and establish corporate goals and objectives, develop new business relationships, oversee corporate operations, coordinate technology and course development and support senior management staff. Other activities include: contract consulting for major firms and speaker at nationally recognized conferences, conventions, and workshops.

### **Sierra Pacific Power Company** (February 1978 to June 1993)

Supervisor of Technical Support for the Substation Control and Test Dept; responsible for field engineering, high voltage testing facilities, system protection relaying and emergency operations.

Supervisor Telecommunications Operations; responsible for construction, maintenance, and operations of the overall electric system control center's radio, voice, and data communications systems using fiber optics, microwave radio and telephone equipment. Ensured compliance with FCC rules and regulations.

Senior Engineer in Electric Operations; responsible for detailed designs of several major substation projects from 12.5kV to 345kv, outage analysis and special studies, such as environmental Electro-Magnetic Fields (EMF) and electrical accident investigation committee member for over 4 years.

Other duties and responsibilities included establishing live-line bare hand maintenance safety procedures (certified for 345kV), performed laboratory testing up to 1200kV and designed substation and transmission ground grids.

### **City of Los Angeles** (June 1975 to February 1978)

Communications Engineer for the Fire and Police Depts; responsible for detailed designs of highly reliable communications systems consisting of radio, microwave and computer-aided dispatch centers.

### **Panorama/Torrance Electronics** (August 1970 to June 1975)

Service Manager; responsible for full service repair facility including; color televisions, radios and special customer projects.

## **EDUCATION**

**University of Nevada - Reno** Master of Science Degree in Electrical Engineering. THESIS: Developed a computer program to optimize the allocation of system capacitors to minimize energy losses. Minor Degree in Managerial Sciences.

**California State University - Long Beach** Bachelor of Science Degree in Electrical Engineering, specializing in telecommunications.

**Supplemental Courses** Numerous seminars in electronic communications, electrical power, management, and personal development.

## **LICENSES**

Professional Engineer Registration (California and Nevada)

Federal Communications Commission (FCC); licenses: General Radiotelephone, Global Maritime Distress Safety System Operator and Maintainer and Advanced Class Amateur Radio license (KO6EQ).

## **AFFILIATIONS**

Institute of Electrical and Electronic Engineers (IEEE), Senior Member (#04588067)

National Association of Radio and Telecommunications Engineers (NARTE), Master Engineer

National Society of Professional Engineers (NSPE), Member

## **REFERENCES**

Both personal and professional references are available upon request.