

## **Richard W. Kovarsky**

Pyro-Technical Investigations, Inc.

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Livonia, Michigan 48150  
(734) 427-9196

### **Education**

Johns Hopkins University, M.S. Computer Science—1980  
Rutgers University, B.S. Electrical Engineering—1975 (summa cum laude)

### **Work History**

1992—Present: Pyro-Technical Investigations, Inc.

Own and operated a forensic engineering firm specializing in the investigation of fire origin and cause and related product liability issues. Responsible for conducting and supervising on scene fire and explosion investigations (residential, vehicular, industrial/commercial & marine), laboratory examination of appliances, investigation of electrical failures & accidents, electrocutions, lightning losses, sprinkler and extinguishing system failures and machinery defects and malfunctions. Conducted/supervised 4400+ investigations; 160+ depositions; 65+ trials.

1988—1992: P.A.C.E., Inc.

Forensic engineer performing over 600 investigations of fires and other accidents. Performed residential, commercial, industrial, vehicular and marine fire investigations. Investigated reported vehicle defects, machinery malfunctions, electrocutions, carbon monoxide poisonings and lightning losses. Performed motor vehicle accident reconstruction. Testified as an expert witness at trials and depositions.

1985—1988: RJO Enterprises, Inc.

Project manager with management and technical responsibilities for a computer systems development defense contractor. Responsibilities included proposal preparation, client liaison, technical performance analysis and cost/schedule compliance. Technical efforts included database and computer systems requirements and development and logistics support.

1977—1985: AAI Corporation

Lead electronics Engineer for a major electronics warfare simulator. Responsible for the overall hardware design and for cost/schedule compliance.

Project manager for an in-house development project for a low-cost, generic, desktop electronic warfare trainer. Successfully brought this program from a prototype to a full production model.

1975—1977: Department of Defense, National Security Agency

Electronics Engineer responsible for the evaluation, validation, and testing of contractor developed hardware and software for a secure communications system. Provided software support including the writing of diagnostic software for the contractor's hardware. Performed simulation studies of digital conferencing to be used in secure communications systems.

### **Professional Affiliations**

International Association of Arson Investigators (IAAI)  
National Association of Fire Investigators (NAFI)  
National Fire Protection Association (NFPA)  
Institute of Electrical and Electronics Engineers (IEEE)  
National Society of Professional Engineers (NSPE)  
Society of Automotive Engineers (SAE)  
Tau Beta Pi—Engineering Honor Society  
Eta Kappa Nu—Electrical Engineering Honor Society

### **Certifications**

Registered Professional Engineer: OH, MI, KY, IN, TN, PA, MD  
Certified Fire and Explosion Investigator (CFEI)