

**David L. Rahn**  
**Statement of Professional Qualifications**

**CURRENT POSITION**

Senior Electronics Engineer  
Instrumentation and Controls Branch  
Division of Engineering  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C

**EDUCATION**

B.S.E.E, Electrical Engineering, Illinois Institute of Technology, Chicago, IL  
M.B.A., Industrial Management, DePaul University, Chicago, IL

**PROFESSIONAL**

Registered Professional Engineer, State of Maryland

**QUALIFICATIONS**

Mr. Rahn has been with the USNRC since February, 2007. He is currently a Senior Electronics Engineer serving as a technical reviewer in the USNRC Office of Nuclear Reactor Regulation, Division of Engineering, Instrumentation and Controls Branch, where he is responsible for the review of license amendment requests pertaining to licensee facility I&C system upgrades and the resolution of other licensing issues. Prior to his current role in the Office of Nuclear Reactor Regulation, Mr. Rahn served as the Senior Electrical/I&C Engineer in the Office of Nuclear Material Safety and Safeguards (NMSS). In this position he was responsible for the review of the electrical power and instrumentation and control design aspects of new fuel cycle facility license applications, amendments, and renewals, and for addressing NRC and industry-identified electrical and I&C issues as they pertain to fuel cycle facilities. Mr. Rahn served as the principal author of the NRC interim staff guidance document DI&C-ISG-07, "Digital Instrumentation and Control Systems in Safety Applications at Fuel Cycle Facilities." Prior to his role in NMSS, he served as a project manager for I&C issues in the Office of Nuclear Regulatory Research, where he managed the conduct of agency research supporting the development of regulations and industry guidance in the area of digital I&C security.

Before joining the NRC, Mr. Rahn was an engineering consultant in the nuclear power field for 27 years, where he assisted utility organizations in addressing issues pertinent to the design, construction, licensing, start-up, operations, maintenance, and modifications to nuclear power plants. He consulted in the areas of instrumentation and controls design, digital process control system upgrades, inter-systems interactions evaluations, transient event root cause analysis, facility operability evaluations, and the resolution of several generic issues, including instrument setpoint analysis, post-accident monitoring, and containment heat removal capability. He also served as a lead instrumentation and control system design engineer for several Midwest nuclear generating station facilities.