



Robert R. Leonberger
Professional BIO

I studied Architectural/Structural Engineering at the University of Colorado in Boulder, Colorado from 1971 to 1977. I was employed by the Missouri Highway and Transportation Department in the Bridge Division from 1977-1982, as a Structural Design Engineer and later as a Senior Structural Design Engineer. While at the Highway Department I performed all facets of highway bridge design work and checked bridge design plans prepared by others. During that time I also spent one year as a steel fabrication inspector monitoring quality control/assurance of all phases of bridge steel fabrication and welding in steel fabrication plants.

Since July 1, 1982, I have been on the Safety Engineering Staff of the Missouri Public Service Commission. I was promoted to the position of Engineer IV in November of 1987 and assumed my present position of Pipeline Safety Program Manager in October of 1990. I have successfully completed seven, week-long courses at the Training and Qualification facilities in Oklahoma City, OK, prescribed for all state and federal pipeline inspectors by the U.S. Department of Transportation - Pipeline and Hazardous Materials Safety Administration (DOT-PHMSA). These courses cover the application and enforcement of the federal safety standards for the transportation of natural and other gas by pipeline (49 CFR, Part 192). Included in this training were courses on the joining of pipeline materials, welding, corrosion control, regulator stations and relief devices, failure investigation, and code application and enforcement. I have also taken an intensive week-long DOT-PHMSA sponsored course in root cause failure analysis. In addition, I have attended numerous other courses and seminars directly related to pipeline safety and incident investigation related subjects, as well as seminars on utility regulation.

In the Commission Safety Engineering Unit, I manage the Commission's Pipeline Safety Program and supervise eight Safety Engineering Staff. My responsibilities include monitoring all phases of natural gas utility plant design, installation, operation, and maintenance. The Staff conducts on-site plant inspections, reviews and analyzes utility records, investigates natural gas related incidents and assists in the continued development of the Commission's pipeline safety rules. It is my responsibility to make recommendations to each utility's management and to the Commission, if necessary, following these evaluations and investigations. While at the Commission I have personally investigated dozens of natural gas incidents and participated in writing dozens of technical incident reports filed with the Commission detailing the facts of Staff's investigation, as well as analysis, conclusions and recommendations based on these



investigations. I have also been the manager directly supervising Staff conducting the investigation and writing of incident reports on dozens of other incident investigations.

I have presented testimony before the Commission in over a dozen cases, been deposed several times in association with these cases and incident investigations. I have also been called to testify in two court cases involving Staff's incident investigation and pipeline safety regulations.

I was selected by DOT to participate with two other state program managers, pipeline operators, DOT personnel and other stakeholders to develop the federal operator qualification regulations through a negotiated rulemaking process. I also participated in a task group with state and federal pipeline safety personnel, pipeline operators and other stakeholders to develop the distribution integrity management regulation.

I am a former member of the National Association of Corrosion Engineers (NACE) and former member of the American Society of Mechanical Engineers-Gas Piping and Technical Committee (ASME-GPTC). I represented the PSC on the ASME-GPTC from 1986-1989.

I am currently a member, past Central Region Chairman and past National Chairman of the National Association of Pipeline Safety Representatives (NAPSR). I have served on the NAPSR Legislative Committee, the Strategic Planning/Grant Allocation Committee, as well as several NAPSR task groups and subcommittees. I was awarded the NAPSR Chairman's Award for outstanding service to the organization and to pipeline safety. I was also awarded NAPSR's Lifetime Achievement Award for contributions to pipeline safety throughout my career.

I am a member of the National Association of Regulatory Utility Commissioners (NARUC) Staff Subcommittee on Pipeline Safety and represent the Commission on this organization.

I participate in the Missouri One Call System's User Group meetings to discuss and enhance the operation of the One Call System and participate in the Missouri Common Ground organization to promote excavation damage prevention.