Editor's Note

In this issue, we are pleased to include Dr. Quintiere's paper "Fundamentals of Enclosure Fire 'Zone' Models". This paper lays out in full detail the principles underlying all zone fire models. This unique paper will be a significant resource to anyone using zone fire models now or in the future.

The *Journal of Fire Protection Engineering* seeks to serve the diverse needs of the fire protection engineering community by providing documentation of the technology of our profession including emerging methods, review papers, as well as applications of state-of-the-art methods to the solution of FPE problems.

For those involved in fire modeling, Dr. Quintiere's paper is an important contribution well worth the considerable effort required to fully master the concepts it reviews. Because nearly all practical building fire simulations in use today are based on zone principles, it is important that such a detailed description of zone modeling principles be available to the fire protection engineering community. Examples of such simulations include ASET, FIRST (Harvard Fire Code), FAST, HAZARD I, CCFM, as well as smoke venting models(NFPA 204M and FRS Tech. Note #7).

The recent commercial release of HAZARD I, an NIST hazard analysis software package intended for use in the analysis of fire hazards in one and two family residences, will further broaden the access of both engineers and non-engineers to models based on zone principles. As such methodologies based on zone model principles become widely available, it becomes increasingly important that FPE's be familiar with such models, their basis, and their limitations.

Dr. Quintiere's paper is a definitive reference on zone fire modeling and we are pleased to provide archival access to the paper to SFPE members and other subscribers to the *Journal of Fire Protection Engineering.*

The *Journal of Fire Protection Engineering* continues to welcome a diversity of papers of interest to fire protection engineers, including research results, review papers, and applications of technology to the solution of fire protection engineering problems. Instruction to potential authors are included on the inside back cover of each issue.

Craig Beyler