



S. Dyer Harris, Ph.D., P.E.

- **Heat-Transfer**
- **Two-Phase Boiling Flow Events**
- **Mechanical Engineer**
- **Machine Design**

**Licensed Professional Engineer**, South Carolina and Delaware.

**President and Consulting Engineer, Equipment Engineering Services**, specializing in projects involving heat transfer in industrial processes and thermal equipment design.

**Director of Engineering, Dupont's Imaging Systems Department**, a multi-product business involving film manufacture in darkened plants, x-ray systems development, x-ray shielding, and digital imaging.

**Manager, Dupont, Savannah River Site Fuel Fabrication and Tritium Production Plants**, with prime responsibility for safe nuclear material processing.

**Research Engineer, Dupont**, Savannah River Site, specializing in heat transfer at high thermal flux and reactor safety analyses. Designed and operated the SRS Heat Transfer Laboratory, observing two-phase flow phenomena under simulated accident conditions.

**Vice President– Affinity Communities, American Society of Mechanical Engineers** (current.) Developed and teaches course in ASME Continuing Education Institute: “Two-Phase Flow and Heat Transfer”

BS, Mechanical Engineering with minor in Electrical Engineering,  
MS and PhD, Mechanical Engineering.

Master's and PhD degrees emphasized compressible fluid flow and heat transfer.