



Wisconsin Public Utility Institute



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Mark Anderson is a Research Professor in the UW-Madison Department of Engineering Physics and Director of the University's Thermal Hydraulic Laboratory. He also manages the UW-Madison Tantalus facility in Stoughton WI. He has research groups working on supercritical fluid heat transfer, turbomachinery and materials, reactor safety, high temperature coolants, and advanced diagnostics.

Mark has worked on supercritical fluids for about eight years starting with work on the GENIV supercritical water reactor designs. He is currently the US representative to the International Atomic Energy Agency (IAEA) for the coordinated research project on supercritical fluids.

An active member of the American Nuclear Society (ANS), the American Physical Society (APS) and the American Institute of Aeronautics and Astronautics (AIAA), Mark earned a BS in physics from the UW-River Falls and an MS and a PhD in Mechanical Engineering from UW-Madison. He has been awarded 3 patents and has published over 150 papers along with contributions to books in his field of interest. For his work in supercritical fluids and other areas, Mark was awarded the Landis Young Member Engineering Achievement Award of the American Nuclear Society in 2005.