

CONTEMPORARY LEARNING TECHNOLOGIES

Enhancing the Efficiency of Power Plant Learning

The objectives of power plant training programs are well documented and the training methods to accomplish the learning objectives have generally been the same for decades. Much of the training material is centered around black and white static 2D figures and illustrations accompanied by an instructor's verbal description of how a specific component or system functions. This form of instruction requires a substantial amount of imagination and visualization by the student to create the necessary mental 3D working image of the equipment or system. Wouldn't it be better if you could show the student how it works? That is exactly what we are delivering with our modern, visualization-enabled Learning Technologies.

Our Learning Technologies have the ability to show students, in 2D and 3D:

- > How all of the interacting moving parts of a complicated component function
- > Different system flow paths with dynamic parameters displayed that correctly respond to valve positions and pump status
- > Piping and instrumentation or logic and control drawings that display current and changing control signals and outputs
- > Nuclear steam supply systems that display the integrated internal thermodynamic properties throughout the reactor vessel, reactor core and interfacing systems

Adding these powerful tools in the teaching arsenal greatly enhance and augment the learning experience with a much higher degree of comprehension, retention and efficiency. Our Learning Technologies can be used as standalone training media or can easily be integrated with the existing

