

Concurrent Technologies Corporation to Operate New Center for Advanced Nuclear Manufacturing (CANM)

CANM will support the U.S. nuclear industry's need to reduce acquisition and total ownership costs by developing and transitioning innovative manufacturing solutions

The past decade has seen the emergence of the next generation of commercial nuclear power plants, commonly referred to as Small Modular Reactors (SMRs) and Advanced Reactors (ARs). The relatively compact reactors, capable of generating up to 600 MW of power, can be "factory produced" and then transported in a few sections to a designated location for assembly. In addition, these reactors employ passive safety technologies that make them safer to operate.

Approximately twenty companies are developing clean, reliable, and economical technologies that will play a significant role in meeting future demand in the U.S. and other nations. It's projected that hundreds of SMR/AR systems will be needed by the late 2030s, requiring a significantly different manufacturing approach than is currently used for constructing the current large Light Water Reactor systems.

The fundamentally different approach to manufacturing SMRs/ARs will challenge both nuclear suppliers as well as regulators. Numerous technical issues must be considered to facilitate efficient SMR/AR production, from addressing supply chain capabilities to developing mechanized/automated manufacturing processes to support higher demand volumes.

A critical gap exists in providing proven applied advanced manufacturing techniques to this emerging field.

Concurrent Technologies Corporation (CTC) is recognized as one of the world's premier nonprofit applied research and development organizations for the creation and implementation of advanced manufacturing technologies. The skills and processes developed at CTC will be leveraged by the Center for Advanced Nuclear Manufacturing to benefit the U.S. SMR/AR industry.

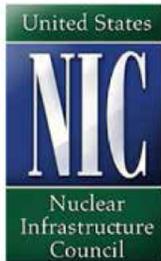
COME JOIN US!

Nuclear Suppliers Workshop August 23, 2017

Sheraton Station Square

300 West Station Square Drive, Pittsburgh PA 15219

Sessions will be conducted by **national speakers** representing various components of the **nuclear industry** geared toward strengthening the nation's advanced nuclear manufacturing network. The day's activities conclude with an optional (no host) **LA Dodgers at Pittsburgh Pirates baseball game**.



The Center for Advanced Nuclear Manufacturing (CANM) is operated by Concurrent Technologies Corporation (CTC). The Open House will feature a **ribbon cutting, tours, and an opportunity for visiting suppliers to meet one-on-one with CTC/CANM personnel** to learn how to become part of the Advanced Manufacturing network.

Open House August 24, 2017

Concurrent Technologies Corporation

128 Industrial Park Road,
Johnstown PA 15904

CANM is:

- Conducting design for manufacturing analysis
- Solving first-of-a-kind manufacturing issues
- Prototyping new component designs and manufacturing solutions
- Developing and transitioning innovative manufacturing technologies
- Reducing acquisition and total ownership costs

You must be a U.S. citizen and have a valid government issued photo ID.

Register Now! <http://conta.cc/2teWA3p>