



Reactor Vessel Cut-Away Diagram

(Courtesy of Westinghouse)

Ohio Grant for Nuclear and Clean Coal Advanced Energy Supply Chain Development

The Ohio Department of Development's Energy Office has awarded a \$250,000 grant to Energy Industries of Ohio (EIO) to develop new suppliers for next generation nuclear and clean coal power plants. The grant will be used to identify Ohio companies that could supply components needed for building high technology base-load power plants. Of main interest are large castings, forgings, extrusions and fabrications. The project is an example of the state's plan to rely upon its traditional manufacturing strengths for opportunities in the next generation energy arena.

The renaissance in both clean coal and nuclear power is not only notable from a domestic standpoint but also offers the possibility for export opportunities. India, China and many other countries are also looking to the U.S. for needed power generation systems. EIO has already begun preliminary work with the help of FirstEnergy Corp. (NYSE: FE), and Westinghouse Electric (Nuclear) Company.

EIO has considerable experience for working on both nuclear and clean coal projects, as prime contractor for a \$50 million U.S. Department of Energy/Ohio Coal Development Office effort aimed at developing a clean coal technology known as Advanced-UltraSuperCritical and by overseeing the casting, machining and fabrication of large components for the Department of Energy's nuclear fusion program. EIO also works very closely with many of Ohio's traditional industries such as steel making, metalcasting, forging and fabrication that are very large energy users.

"We are pleased to work with EIO on supply chain, engineering and maintenance strategies that will help make Ohio a center for nuclear and clean coal technology development," said Bradford Tobin, FirstEnergy vice president and chief procurement officer. "Building Ohio-based supply chains will support our state's economic growth, which is good for our customers and the communities we are privileged to serve."