

Increasing Commercial Nuclear Energy Exports = More U.S. Manufacturing Jobs ***November 24, 2010***

Worldwide, over 140 new nuclear plant projects are in the licensing and advanced planning stage, with over 60 currently under construction. The demand for high-quality commodities, components and services provides an export opportunity for U.S. manufacturers.

New Plants Abroad = Export Opportunities = Jobs and Economic Benefits

- The Nuclear Energy Institute estimates that the international market represents potential orders of over \$400 billion in equipment and services over the next 15 years.
 - A new nuclear plant represents an investment of \$6-8 billion (depending on plant size).
 - As a rule of thumb, the Commerce Department estimates that every \$1 billion of exports by U.S. companies represents 5,000 to 10,000 jobs.
- Due to their size and complexity, nuclear plants create a broad range of export opportunities. For example, depending upon the design, a single new nuclear power plant requires approximately:
 - 500 to 3,000 nuclear grade valves
 - 125 to 250 pumps
 - 44 miles of piping
 - 300 miles of electric wiring
 - 90,000 electrical components.

US Nuclear Plants = Showcase For Global Sales = Domestic Economic Benefits

- The nuclear energy industry can play an important role in stimulating job creation.
 - 1,400 – 1,800 jobs during construction on average (with peak employment as high as 2,400 jobs per unit)
 - Approximately 700 permanent jobs when the plant is operating: These jobs pay 36% more than average salaries in the local area.
 - The 700 permanent jobs at the nuclear plant create an equivalent number of additional jobs in the local area (e.g., car dealers, dry cleaners, food service, etc.).
- Nuclear plants provide both near-term and lasting economic benefits.
 - The average nuclear plant generates approximately \$430 million a year in total output for the local community, and nearly \$40 million per year in total labor income.
 - The average nuclear plant generates approximately \$20 million per year in state and local taxes. These tax payments support schools, roads and other state and local infrastructure.
 - The average nuclear plant generates approximately \$75 million per year in federal taxes.