

# Analyzing the Nuclear Power Industry in the US

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## **Abstracts**

The United States is the world's largest supplier of commercial nuclear power.

In recent years, there has been a renewed interest in nuclear power in the US. This has been facilitated in part by the federal government with the Nuclear Power 2010 Program, which coordinates efforts for building new nuclear power plants, and the Energy Policy Act which makes provisions for nuclear and oil industries.

As of 2005, no nuclear plant had been ordered without subsequent cancellation for over twenty years. However, on September 22, 2005 it was announced that two sites had been selected to receive new power reactors (exclusive of the new power reactor scheduled for INL) and two other utilities have plans for new reactors. There has also been an application for an early site permit at Exelon's Clinton Nuclear in Clinton, Illinois to install another reactor as well as a reactor restart at the Tennessee Valley Authority Browns Ferry nuclear station.

On September 25, 2007 South Texas Project filed the application for a Combined Construction and Operating License (COL). Two new GE-Hitachi ABWRs will be built adjacent to the existing PWRs. This is the first application for a new nuclear plant in the US for nearly 30 years. This was followed in October, 2007 by TVA and NuStart filing for a COL for two Westinghouse AP1000s to be built at Bellefonte in Hollywood, Alabama.

In 2007, the Nuclear Energy Institute even started an advertising campaign to increase public support of nuclear power.

As of December 2007, the U.S. power industry has announced intentions to submit approximately 30 applications to the Nuclear Regulatory Commission for new nuclear plant licenses.



The report – Analyzing the Nuclear Power Industry in the US – by Aruvian Research, explores the importance of nuclear power in today's world, with Section One being dedicated to Understanding the Basics of Nuclear Power. The report looks at the basics of the nuclear industry that is, how a plant works, analyzing and understanding the fuel cycle, the various components which are involved in the working of a nuclear power plant, and much more. Economics, issues and barriers, and other such factors are also explored in-depth in this report.

Aruvian's offering includes a complete analysis of the US Nuclear Power Industry, including an analysis of the nuclear power stations in the US, the major US players in nuclear power, and much more. Industry profile, industry developments, technological developments, non-proliferation developments, Uranium fuel cycle developments, and lots more information is included in this research report. This research offering from Aruvian is a comprehensive A to Z guide on the US' nuclear power industry.



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