

Nuclear Power Station

The nuclear power station utilizes nuclear fission to generate electricity. It includes a reactor containment structure, turbine hall, cooling systems and auxiliary buildings.



Overview

CPR1000 Generation Technology

This facility utilizes the CPR1000 nuclear power technology, representing a significant advancement in independent nuclear power design. As a demonstration project, it focuses on the integration of improved second-generation, one-million-kilowatt-class power generation capabilities. The design establishes a foundation for transitioning toward third-generation nuclear power technology through rigorous digestion and absorption of advanced engineering standards.

Technical Specifications

Technology Standard

CPR1000 • Gen II Improved • Independent Design

Capacity per Unit	1000000 kW
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Number of Units	2
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Project Timeline

Construction Start	2005
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Commercial Operation Period	2010-2011
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