

# Nuclear Reactor Dome Hoisting

This system is used for lifting and positioning a nuclear reactor dome. Multiple heavy-lift cranes, including crawler cranes, are employed to maneuver the prefabricated structure into place.



## Overview

### Nuclear Reactor Dome Hoisting Operations

This specialized engineering service focuses on the critical dome hoisting phase of nuclear reactor building construction. The process involves the precise lifting and positioning of large, prefabricated dome structures onto cylindrical reactor buildings. Utilizing heavy-lift crawler cranes and advanced positioning techniques, this operation ensures the structural integrity of the containment vessel.

## Operational Capabilities

Hoisting Method	Multi-crane coordinated heavy lifting
Primary Equipment	Heavy-lift Crawler Cranes, Construction Cranes, Support Structures, Precision Rigging

## Project Scope

<b>Construction Phase</b> Containment Installation • Structural Completion	
Application Environment	Nuclear Power Plant Construction Sites

## Technical Features

<b>Structure Type</b> <ul style="list-style-type: none"> <li>Prefabricated Dome Structure</li> <li>Cylindrical Reactor Building</li> <li>Reinforced Construction Layers</li> </ul>
<b>Operational Focus</b> <div style="border: 1px solid black; padding: 5px; display: inline-block; text-align: center;"> <p><b>100 %</b> Precision Alignment</p> </div>