

The discussion of several important safety requirements for the new Nuclear Power Plant

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Post the Fukushima nuclear accident, the Chinese Government raised higher safety goals and safety requirements for the new Nuclear Power Plant for construction. The paper has expounded the important indicators of safety requirements and the aspects of safety modification that had been developed for the new NPPs. Discussed and analyzed the main field that required by the new NPPs safety requirements in design concept, design method, defenses of internal and external events, severe accident prevention and mitigation, optimized the engineer technical measure. That looks forward to the new requirements which conduct to regulate the site selecting and the design of NPP. The paper had supported the industry better to comprehend the primary position and philosophy of safety requirements which developed for the new NPP.

Country or International Organisation

CHINA

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