

परमाणु
ऊर्जा
नियामक
परिषद



भारत सरकार

GOVERNMENT OF INDIA

Atomic
Energy
Regulatory
Board



सचिव, पञ्चनिय
एवं

निदेशक, सूचना एवं तकनीकी सेवाएं प्रभाग
एवं

निदेशक, औद्योगिक संयंत्र संरक्षा प्रभाग

SECRETARY, AERB

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Director, Information & Technical Services Division

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Director, Industrial Plants Safety Division

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PRESS RELEASE

**AERB grants Clearance for Starting of Construction of two more
nuclear power plants**

Atomic Energy Regulatory Board (AERB) granted clearance for 'First Pour of Concrete' (FPC) for Rajasthan Atomic Power Project (RAPP 7&8) on July 16, 2011. This clearance permits start of civil construction for a Nuclear Power Plant (NPP).

These twin units are second in the series of a new generation of indigenous Pressurised Heavy Water Reactors (PHWRs) of 700 MWe design. Earlier AERB granted FPC clearance for first twin-unit station of 700 MWe PHWRs of similar design to Kakrapar Atomic Power Project - 3&4 (KAPP 3&4) on November 20, 2010.

These 700 MWe PHWRs have many new systems incorporated in the design as compared to the existing fleet of PHWRs in India for enhancing the safety.

This clearance is the culmination of detailed multi-tier reviews of the application and supporting documents submitted by Nuclear Power Corporation of India Limited (NPCIL). Project Design Safety Committee (PDSC) performed the first level in-depth review of the submissions along with various expert working groups constituted under it. Subsequently, the proposals were reviewed by the higher level Advisory Committee for Project Safety Review of Pressurised Heavy Water Reactors (ACPSR-PHWR). The aspects of Industrial Safety and Nuclear Security were also reviewed before putting up to the Board for approval. The Board of AERB being the final authority, accords the approval based on the recommendations. Frequent regulatory inspections are carried out by the teams of AERB inspectors to check the compliance of all recommendations made by the Board. Review for the next stage of clearance for erection of major equipment is in progress.



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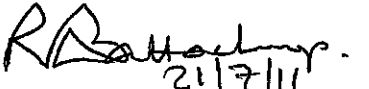
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The major stages of consents for NPPs are Siting approval, start of Construction (which can be in several sub-stages), Commissioning, Operation and eventual Decommissioning. Multi-tier safety review is carried out in AERB before granting the clearance of each consenting stage. The review process is very comprehensive and highly technical. For RAPP 7&8, the siting clearance was given on May 24, 2010 and Clearance for Site Excavation (ground breaking) was given on August 18, 2010.

India currently has 20 operating units with the total installed capacity of 4780 MWe and 7 units under different stages of construction/commissioning.


21/7/11
(R. Bhattacharya)