



अध्यक्ष
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GOVERNMENT OF INDIA
परमाणु ऊर्जा नियामक परिषद

ATOMIC ENERGY REGULATORY BOARD

No. CH/AERB/RAPP-7&8/2026/141

January 30, 2026

Permission for raising Reactor Power of RAPP-7 upto 100%FP (Phase-C3)

Ref.: Application for 100%FP operation of RAPP-7; RR Site-7&8/ SD/2026/10; dated January 07, 2026

Consent No.	RAPP-7/CM/PH-C3/0/30012026
Stage	Phase C-3 Commissioning of RAPP-7
Applicant	Shri Subrat Das Station Director, RAPP-7&8
Brief description of Nuclear Power Project	<p>Name: Rajasthan Atomic Power Project Unit 7&8</p> <p>Type: 700 MWe PHWR based Nuclear Power Plant</p> <p>Location: Anushakti, Dist: Chittorgarh, Rajasthan – 323303</p> <p>Present Status:</p> <p>RAPP-7: Permission for raising Reactor power of RAPP-7 upto 90% FP was issued on September 09, 2025. RAPP-7 unit is currently operating at 90% FP within the ambit of Technical Specifications.</p> <p>RAPP-8: Permission for Hot Conditioning and Light Water Commissioning of RAPP-8 was issued on December 19, 2025.</p>
Basis of issuing the Permission	AERB regulatory requirements as per the AERB Codes and Guides, mainly AERB/SC/G (Regulation of Nuclear & Radiation Facilities), AERB/SG/O-4 (Commissioning of PHWR based NPPs) and AERB/NPP&RR/SG/G-1 (Consenting Process for NPPs and Research Reactors). Satisfactory compliance to the Safety Review Plan for Commissioning of RAPP-7&8.
Regulatory Review	RAPP-7 Application for phase-C3 commissioning, commissioning data at 90%FP and associated submissions were reviewed by PHWR Project Section, NPSD Review Groups, NSAD and Working Group for Commissioning. Further review was carried out by the Project Design Safety Committee for PHWRs (PDSC-PHWR) and Advisory Committee for Project Safety Review of NPP (ACPSR-NPP) towards raising reactor power up to 100% FP.



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	The proposed activity of Phase-C3 commissioning of RAPP-7 can be carried out without undue risk to the workers, public and the environment.
Responsibility of Safety	The prime responsibility for safety of the facility or activity lies with the Consentee. It is the responsibility of the Consentee to comply with safety requirements as specified in the Regulations.
Other Statutory requirements	Consentee shall ensure that all other necessary Statutory Clearances are obtained and are valid for the present stage of the Consent, i.e. Phase-C3 Commissioning.
AERB Stipulations and Conditions	Refer Annexure-1

Based on the satisfactory Safety reviews as brought out above, Permission is hereby issued to raise the reactor power of RAPP-7 up to 100%FP for completing the Phase-C3 commissioning activities, subject to satisfactory compliance to the Stipulations and Conditions, as brought out in Annexure-1. The Permission will be subject to re-review for any non-compliance to the Stipulations and Conditions.

This Permission is valid till January 31, 2027. The activity as per AERB/NPP&RR/SG/G-1 shall be completed within the validity period.

Encl.: Annexure-1


(A. K. Balasubrahmanyam)
30/01/2026

Chairman & Managing Director
Nuclear Power Corporation of India Limited
Nabhikiya Urja Bhavan (NUB)
Anushakti Nagar, Mumbai, 400094

**परमाणु ऊर्जा नियामक परिषद
Atomic Energy Regulatory Board**

Copy to:

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Director (RA&ER)

Director (TS&RD)

Head, NPSD

Head, OPSD

Head, DRI

Head, NSAD

Head, DRPE

AERB Committees

Chairman & Member Secretaries, ACPSR-NPP

Chairman & Member Secretaries, PDSC-PHWR

NPCIL

Director (T)

Director (O)

Director (P)

Rajasthan Rawatbhata Site

Site Director

Station Director, RAPP-7&8

Chief Superintendent, RAPP-7&8

AERB STIPULATIONS AND CONDITIONS

- S.1. After attaining stable operation of the Reactor at 100% FP, system performance assessment, radiological data collection and necessary tests shall be carried out, and the results should be submitted for review.
- S.2. All applicable recommendations applicable for the current stage given by PDSC-PHWR, ACPSR-NPP and AERB shall be strictly adhered to.
- S.3. All stipulations of Phase-C commissioning permission of RAPP-7 shall be strictly adhered to.
- S.4. All the Industrial & Fire Safety Requirements shall be strictly complied.
- S.5. This permission shall be suspended or cancelled, if any declaration made or information given in the application is found to be false or if any undertaking given in such application is not carried out.