



सत्यमेव जयते

भारत सरकार

GOVERNMENT OF INDIA

परमाणु ऊर्जा नियामक परिषद

ATOMIC ENERGY REGULATORY BOARD



अध्यक्ष
CHAIRMAN

No. AERB/NPSD/SHK/CN/SR/633310/2025/00973

October 30, 2025

Subject: Consent for Siting of AAFR at RR site

References

- [1] "NPCIL, "Application for Siting Consent for Proposed AAFR at RR site," RR Site/Unit-3&4/SD/2021/146, Mumbai, May, 2021
- [2] Review Plan for Site evaluation of AAFR Spent Fuel storage Facility at RR site [AERB/NPSD/ADR/CN /SR/633014/ 2021/00371 dated May 27, 2021]
- [3] Deliberations in the 153rd meeting of Board of AERB held on 8th September 2025, on the application for siting consent for AAFR facility for RAPS units 2 to 6 at RR site.

Consent Number	AAFR-RR/ST/0/0/30102025
Stage of Consent	Siting
Applicant	Nuclear Power Corporation of India Limited (NPCIL) On behalf of NPCIL, Station Director, RAPS-3&4 submitted an application for consent for siting AAFR spent fuel storage facility at RR Site [Ref.1].
Brief Description of Nuclear Power Project	Name: AAFR, RR site Type of facility: Additional Away from Reactor (AAFR) spent fuel storage facility for RAPS-2 to 6 Located at: Rawatbhata Rajasthan Site-3&4, PO: Anushakti-323303 via: Kota (Raj.) New Site or Existing Site: Existing Site Present status of the Project/site in brief: Investigations and analyses towards Siting stage have been completed.

[Signature]



Basis for issuing the Consent	Regulatory requirements as per AERB Codes/Guides, AERB/SC/G (Regulation of Nuclear & radiation facilities), AERB/NPP&RR/SG/G-1 (Consenting Process for NPP), AERB/NF/SG/G-2 (Consenting Process for Nuclear Fuel Cycle Facilities) and AERB/NF/SC/S (Rev-1) (Site Evaluation of Nuclear Facilities), AERB/NPP/SC/QA (Rev-1) (Quality assurance), AERB/NRF/SC/NRE (Management of Nuclear and Radiological Emergencies), AERB/NPP/SM/RIA-1 (Safety Manual on RIA for accident conditions) and report of AERB Expert Committee for Public Dose Computation and Dose Apportionment (ECPDA) and other relevant safety guidance from applicable IAEA/International documents, as applicable to Siting consent. Satisfactory compliance with the Review Plan for Site Evaluation [Ref.2] and deliberations held in 153 rd meeting of Board, AERB [Ref. 3].
Regulatory Review	Review by NPSD Review Groups, followed by multi-tier reviews: • 1st tier safety review was conducted by the Site Evaluation Committee for Nuclear Facilities (SEC-NF) • 2nd tier review by Advisory Committee for Project Safety Review of Nuclear Power Plants (ACPSR-NPP). • Final 3rd tier review was carried out by the Board of AERB.
Responsibility for Safety	The Prime responsibility for safety of the facility or activity lies with the Consentee. It is the responsibility of Consentee to comply with safety requirements as specified in Regulations.
Other statutory requirements	Applicant shall ensure that all necessary statutory clearances are obtained and are valid for present stage of consent i.e. Siting
AERB Stipulations and Conditions	AERB Stipulations and conditions for Siting to enable effective regulatory control are appended as Annexure-1.

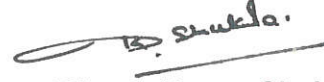
Based on satisfactory review outlined above, Consent is hereby granted for Siting AAFR at RR site, subject to satisfactory compliance to the stipulations and conditions specified in Annexure-1. The Consent will be subjected to re-review for any non-compliance to the stipulations and conditions. The Consent shall not be transferable without the prior approval of the Competent Authority.



परमाणु ऊर्जा नियामक परिषद
Atomic Energy Regulatory Board

This Consent is valid for five years from the date of issuance of the Consent, i.e., till October 30, 2030.

Encl.: Annexure-1


(Dinesh Kumar Shukla)

Chairman and Managing Director
Nuclear Power Corporation of India Limited
Nabhikiya Urja Bhavan (NUB),
Anushakti Nagar, Mumbai, 400 094.

Copy to:

AERB

Chairman (Office)
Executive Director (RO)
Director, DRA&ER
Director, DTS&RD
Head, NPSD
Head, OPSD
Head, DRI
Head, NSAD
Head, DRP&E
Head, IT&RDD
Head, SSES, NPSD
Head, PHWR-PS, NPSD

NPCIL

Director (T)
Director (P-PHWR)
Director (O)
AD (DC, RI & OES)

AERB Committees

Chairman & Member Secretary, ACPSR-NPP
Chairman & Member Secretaries, SEC-NF
Chairman & Member Secretaries, PDSC-PHWR
Chairman & Member Secretary, CRSA

RAPS-3&4 Site

Station Director, RAPS-3&4

ANNEXURE-1

AERB STIPULATIONS AND CONDITIONS DURING SITING CONSENT

- S.1.1. NPCIL shall ensure all applicable and valid statutory clearances for Additional Away From Reactor Spent Fuel Storage Facility for RAPS-2 to 6 are available and compliance with the stipulations therein.
- S.1.2. Modifications, which affect Site parameters in site or location of exclusion zone boundary, shall not be carried out without prior approval of the AERB.
- S.1.3. AERB/NF/SG/G-2 brings out information to be submitted and reviewed at different consenting stages. The review recommendations/observations by AERB during the course of multi-tier review shall be adhered to/addressed by NPCIL suitably, and status of compliance to the same should be submitted to AERB, as part of submissions for subsequent consenting stages.
- S.1.4. The Consentee shall implement the Quality Assurance Program laid down as per the requirements of AERB code on Quality Assurance AERB/NPP/SC/QA and any other requirements stipulated by AERB in this regard from time to time.
- S.1.5. The Consent shall be subject to revocation, suspension, modification or amendment, for causes as provided in the Atomic Energy Act and rules made thereunder, in accordance with the procedures laid down in the Act.
- S.1.6. The stipulations and conditions of the Consent can be amended, revised, or modified as considered necessary by AERB in the interest of safety.
- S.1.7. All safety significant changes/observations shall be proactively reported to AERB as per Significant Event/Change Reporting Criteria (SECRC).
- S.1.8. The Consentee shall provide for the development, revision, implementation, and maintenance of its emergency preparedness plan including adequate interfaces with state and local governments.
- S.1.9. This consent shall be suspended or revoked, 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.
- S.1.10. No activity or operation shall be carried out at the site for purposes other than those mentioned in the application.
- S.1.11. Full access to facilities/activities related to the proposed project shall be accorded to any authorised representative of the AERB.



परमाणु ऊर्जा नियामक परिषद
Atomic Energy Regulatory Board

S.1.12. The Consentee shall appoint authorised persons who are qualified to perform functions under the Consent.

S.1.13. The Consentee shall provide suitable access restrictions and/or fences on the site and shall ensure that these are properly maintained.

anc