



सत्यमेव जयते



अध्यक्ष
CHAIRMAN

भारत सरकार
GOVERNMENT OF INDIA

परमाणु ऊर्जा नियामक परिषद

ATOMIC ENERGY REGULATORY BOARD

No. AERB/NPSD/ /SHK/CN/SR/072210/2025/00632

July 31, 2025

Sub: Permission for carrying out activities with respect to alternate fuel handling scheme

References:

1. Permission for loading Blanket SAs in PFBR core, dated April 10, 2024
2. Permission for Initial Fuel Loading into the reactor core, First Approach to Criticality and Low Power Physics Experiments for PFBR, dated 29th July, 2024.
3. Request for extension of regulatory consent for fuel sub-assembly loading, first approach to criticality and low power physics experiments vide no. No. BHAVINI/D (0) & (SD)/2025/40 dtd 12.06.2025.
4. BHAVINI Proposal (revised) for Loading Fuel Sub assembly in core through IVTP access port in LRP of PFBR dtd 03.04.2025
5. AERB letter "Regarding BHAVINI's request for extension of Permission for IFL, FAC & LPPE for PFBR" vide no AERB/NPSD/SHK/CN/SR/072214/2025/00574 dated 10.07.2025.
6. BHAVINI letter for "Permission for carrying out commissioning activities & activities with respect to alternate fuel handling scheme" vide no. BHAVINI/D(O)&S(D)/2025/53 dated 14.07.2025

This has reference to BHAVINI's request for permission for carrying out commissioning activities & activities with respect to alternate fuel handling scheme at site was reviewed in AERB. It is noted that all the systems are being maintained as per the Technical Specification for PFBR Operation and respective surveillance of the systems are being carried out. Further, activities w.r.t. erection and commissioning of equipment for alternate fuel handling scheme are in progress at site.

Based on review of the application, permission is hereby given for continuing the ongoing system commissioning activities corresponding to post blanket-loading stage (Part 2 of Phase-B commissioning) and to carry out works related to erection, commissioning and testing of alternate fuel handling scheme at site with the following conditions -

1. The prime responsibility for safety of the plant shall be with the consentee.
2. Plant should be maintained in the state corresponding to post blanket-loading stage (Part 2 of Phase-B commissioning) and the relevant requirements of Technical Specifications for operation of PFBR shall be strictly adhered to.

Page 1 of 2



नियामकभवन, अणुशक्तिनगर, मुंबई - 400 094

NIYAMAK BHAVAN, ANUSHAKTI NAGAR, MUMBAI - 400 094

दूरभाष / TELEPHONE : 91-22-2556 2343, 2599 0604 फ़ैक्स / FAX : 91-22-2556 2344, 2556 5717, 2558 3230

E-mail: chairman@aerb.gov.in

वेबसाइट / WEBSITE : www.aerb.gov.in



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3. BHAVINI should ensure that deployment of the modified fuel handling system is undertaken only after satisfactory design safety review.
4. All the industrial and fire safety requirements shall be strictly complied.
5. Any abnormal occurrence, significant events or industrial accidents during the activity shall be promptly reported to AERB.

This permission is valid till November 30, 2025 or till BHAVINI obtains clearance for IFL, FAC and LPPE using alternate fuel handling scheme, whichever is earlier.


(Dinesh Kumar Shukla)

Chairman & Managing Director
Bharatiya Nabhikiya Vidyut Nigam Limited
Kalpakkam, Chengalpattu District
Tamil Nadu - 603102

Copy to:

<u>AERB</u> Chairman (Office) Executive Director, RO Director, RA&ER Head, NPSD Head, OPSD Head, DRI Head, NSAD Head, DRP&E Head, SRI Head, FBR-PS	<u>AERB Committees</u> Chairman & Member Secretary, ACPSR-NPP Chairman & Member Secretary, PDSC-FBR Chairman & Member Secretary, CRSA Chairman & Member Secretary, SCRP <u>IGCAR</u> Director, IGCAR <u>BHAVINI</u> Station Director, PFBR Director (O) Director (T) Chief Superintendent, PFBR TSS
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