

AERB grants Consent for Siting of twin units of 700 MWe PHWR at Kaiga site (Kaiga-5&6)

The Board of Atomic Energy Regulatory Board (AERB) in its recent meeting accorded approval for grant of consent for siting of Kaiga-5&6, twin units of 700MWe Pressurized Heavy Water Reactor (PHWR) at Kaiga site. The Siting Consent was issued by AERB on November 18, 2020.

Nuclear Power Corporation of India Limited (NPCIL) has proposed to set up twin units of 700MWe PHWR at the existing site of Kaiga, where four 220MWe PHWR type reactors are already in operation. The Plant design and layout of Kaiga-5, 6 is similar to Gorakhpur Haryana Anu Vidyut Pariyojna (GHAVP) - 1&2 except for certain site specific changes.



Kaiga, Site, Karnataka

AERB carried out the in-depth safety review through multi-tier safety committees. The safety review focused on the radiological impact assessment due to postulated releases under normal and accidental conditions. Site-specific natural and human-induced events were reviewed with respect to their impact on the plant and found acceptable. All other requirements as specified in AERB's Safety Code on 'Site Evaluation for Nuclear facilities' were reviewed and verified.
