



Azadi ka Amrit Mohotsav



AERB Conducted Theme Meeting on In-core Fuel Management in Indian NPPs

AERB conducted a theme meeting on In-core fuel management programs of Indian NPPs, on October 11 - 12, 2022 at Safety Research Institute, Kalpakkam. The theme meeting was to provide a platform for nuclear professionals from utility, R&D and regulatory body to share knowledge and experience in the field and to develop a common understanding w.r.t. safety of power reactor cores against emerging regulations. In-core fuel management of nuclear power reactors deals with efficient fuel utilization in the core honouring design safety limits on fuel and other reactor components. As a major design consideration, having safety and economic consequences, the in-core fuel management practices shall ensure the safety of the reactor, fuel and core components in all operational states with required safety margin. A Two day theme meeting was attended by about hundred participants from different DAE units.

Inaugural session of the meeting was held on 11th October, 2022 where dignitaries viz; Chairman AERB, Shri G. Nageswara Rao, Shri S. A. Bhardwaj (Former Chairman, AERB), Dr. B. Venkatraman (Director, IGCAR), Shri S. B. Chafle (Executive Director, AERB) Dr. D. K. Mohapatra, (Head, SRI) addressed the gathering highlighting the importance of in-core management in overall safety performance of NPPs. In addition a booklet on ‘ Independent Verification Analyses for Safety Assessment of Indian 700 MWe PHWRs’ was also released during the inaugural function. Booklet showcases the analytical contributions of Nuclear Safety Analysis & Research Group towards the safety review of Indian 700 MWe PHWRs.

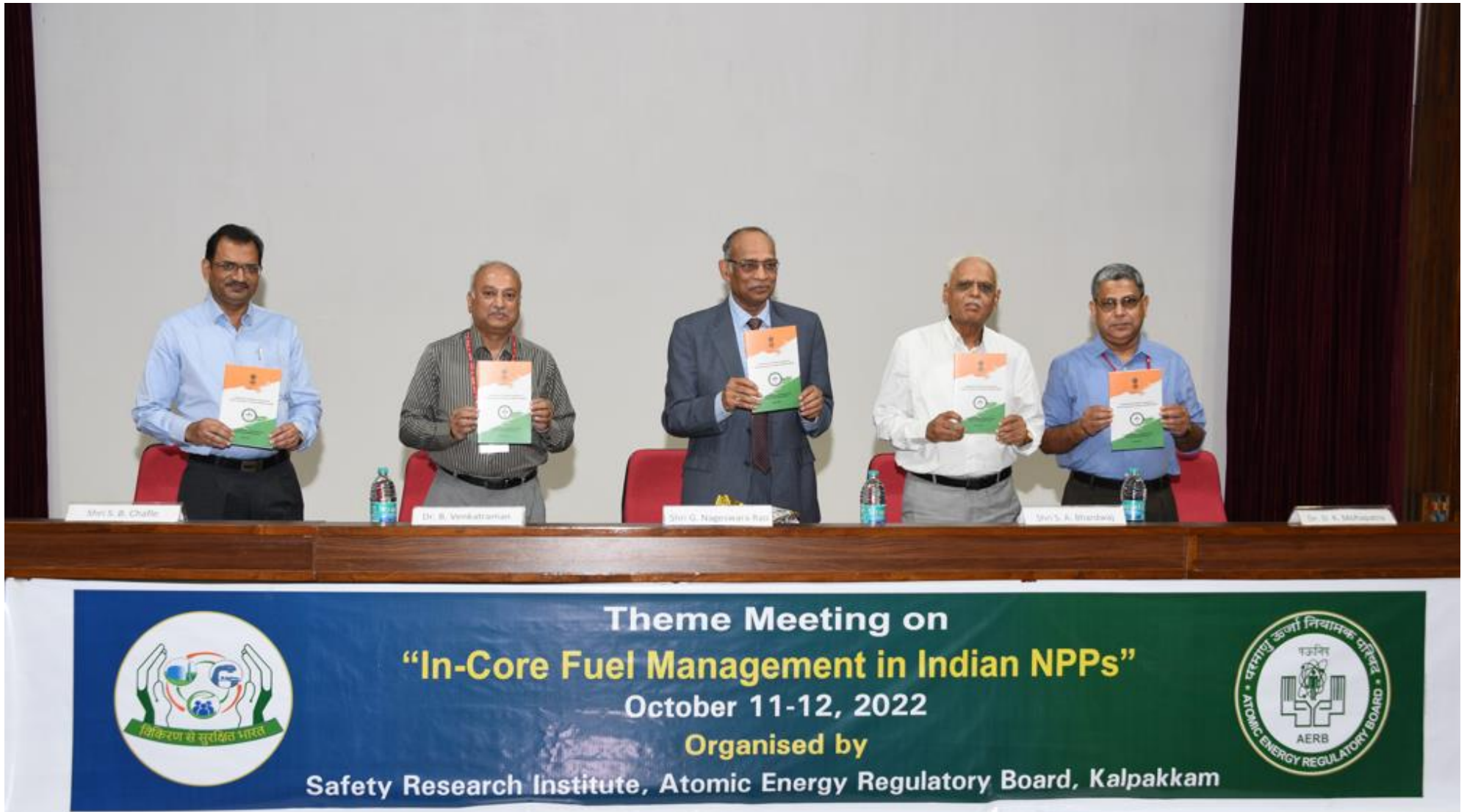
Invited talks delivered by experts from various DAE units (BARC, IGCAR and NPCIL) and AERB who are involved in in-core fuel management analysis, related computer code development, reactor operation and review. Deliberations were held on fuel performance, in-core management practices, analysis methods and core data. The meeting was concluded with the closing remarks from Shri Utkarsh S.C. Head NSAD who brought out summary of technical sessions and suggested areas of futuristic developments.



Inaugural function of theme meeting



Chairman AERB delivering Inaugural address



Release of booklet on ‘Independent Verification Analyses for Safety Assessment of Indian 700 MWe PHWRs’

Theme Meeting on “ In-core fuel management in Indian NPPs
October 11-12,2022



Theme meeting participants



Chairman AERB Inaugurated VIP dining hall at SRI Guest house