

Discussion Meet on “PHWR Safety R&D with Focus on Severe Accidents” held at Niyamak Bhavan, AERB October 29, 2013

A Discussion Meet on “PHWR Safety R&D with Focus on Severe Accidents” was organized at AERB by Nuclear Safety Analysis Division (NSAD) on October 29, 2013. The objective of the discussion meet was to identify the existing capabilities with respect to severe accident analysis and experiments, to take a stock of work being carried out by different agencies like AERB, BARC and NPCIL with a view to identify the need for consolidation and synergizing the efforts and also identify the gap areas for further work. About 100 delegates from BARC, AERB, NPCIL and from academic institutions such as IIT Bombay, IIT Kanpur and IIT Roorkee participated in the Discussion Meet.



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[L to R: Shri Avinash Gaikwad, Director, NSAD, AERB, Shri K. K. Vaze, Director, RDDG, BARC Shri S. S. Bajaj, Chairman, AERB, Shri S. G. Ghadge, Director (T), NPCIL]

In the inaugural session, Shri Avinash J. Gaikwad, Director, Nuclear Safety Analysis Division (NSAD), Shri K. K. Vaze, Director RDDG (BARC) and Shri S. G. Ghadge, Director (Technical) NPCIL spoke on progression of severe accidents in PHWR compared to that of

LWRs. The need for supporting the analysis with relevant experiments on severe accidents was emphasized. The necessity of demonstrating the strength of calandria vessel for in-core retention was also stressed in the inaugural address. Shri S. S. Bajaj, Chairman, AERB in his presidential address briefed about the uniqueness in progression of severe accidents in PHWRs. He stressed about the consolidation of work undergoing at different institutes, identification of gap areas and development of mechanism to fill the gaps.

There were three technical sessions. In each technical session, there were presentations from AERB, NPCIL and BARC. Panel discussion followed the technical sessions with Chairman, AERB; Director (T), NPCIL; Director (RDDG), BARC as the panelists. There was active interaction between the delegates and the panelists.