

## **Theme Meeting on 'Quality Assurance during Design and Manufacturing of Safety Critical Equipment of Nuclear Power Plants' held at AERB on June 16, 2015**

A Nuclear Power Project (NPP) in India is required to undergo an elaborate system of in-depth safety review during its various consenting stages; i.e. siting, design, construction, commissioning & operation. AERB follows a multi-tier safety review system and has specified safety requirements at every stage. The one aspect that features in all stages is the Quality Assurance Programme, which is an important component in ensuring safety. Quality Assurance Programme for different stages of nuclear power plants (NPPs) are reviewed by AERB as part of regulatory safety review process for obtaining consents at various stages. The AERB Safety Code on “Quality Assurance in Nuclear Power Plants” (AERB/NPP/SC/QA, Rev.1. February, 2009) provides the requirements to be complied by the utility for establishing and implementing quality assurance programme for assuring safety.



*Panel discussion in progress during theme meeting on “Quality Assurance during Design and Manufacturing of Safety Critical Equipment of Nuclear Power Plant”*

AERB organized a one day theme Meeting on 'Quality Assurance during Design and Manufacturing of Safety Critical Equipment of Nuclear Power Plants' with an objective to extend the regulatory oversight on QA aspects during design, procurement and manufacturing and formulate an action plan in this direction. The meet was organized on June 16, 2015 involving experts from the DAE organizations. Nine speakers with expertise on the subject of QA from AERB, BARC, IGCAR, NFC and NPCIL made presentations on different topics related to the theme of the meeting. While the presentation on current regulatory practices brought out areas needing enhancement of regulatory oversight, other presentations highlighted the experiences of QA experts during design and manufacturing at different DAE units. The Theme meeting was attended by 118 participants from AERB and other DAE Units.