

MANAGEMENT SYSTEM

AERB has established a regulatory framework, which involves stipulating the safety requirements, issuance of regulatory consents, verification of compliance through safety reviews and inspections during various stages viz. siting, design, construction, commissioning, operation etc. All Nuclear Power Projects (NPP) undergo an elaborate and in-depth safety review during various consenting stages.

A well-established multi-tier safety review mechanism is followed for safety review during various stages of projects viz. siting, construction, commissioning, pre-operational and operational stage in all the nuclear power projects, back end fuel cycle facilities and radiation facilities.

The safety review process is supplemented by planned and special/surprise regulatory inspections (RI) as established in regulatory safety documents of AERB. Compliance with the recommendations made by the safety committees and requirements specified in relevant codes, standards and guides of AERB along with the stipulations specified in the consent are verified during RI. Safety significant observations arising from RIs are reviewed and considered before giving clearance for subsequent stages.

Besides safety review of NPP and back end fuel cycle facilities, security related submissions are also reviewed during the stage-wise consenting process. Similarly multi-tier safety review mechanism is followed for safety review of operating power plant and fuel cycle facilities.

AERB was ISO 9001: 2008 certified w.r.t. Quality Management System. During transition to ISO 9001: 2015 in the year 2018, AERB was in the process of implementing Integrated Management System (IMS) which is mostly based on IAEA GSR Part-II 'Leadership and Management for Safety'. Certification with regard to ISO 9001: 2015 will be considered once IMS is fully developed and implemented in AERB.

Integrated Management System (IMS) of AERB

Top level IMS document (Level-I) describing the management system of AERB has been prepared in line with IAEA safety standards and issued after approval of the Board. It outlines the management commitments, organizational policies and strategies, organizational structure with functional responsibilities and accountabilities, process planning and implementation, documentation and its control including the management expectations of various processes and describes the system of supervision i.e. assessment and improvement. Separate Level-II and Level-III plans and associated procedures, work plans are being framed as per the expectations laid down in the Level-I document. Level-II documents on IMS processes of individual Divisions / Directorates have been issued.