

A Report of the 32nd Training Course on “Basic Radiological Safety and Regulatory Measures for Nuclear Facilities, organised by BARC Safety Council Secretariat

BARC Safety Council Secretariat (BSCS) conducts a series of short-term training courses on “Basic Radiological Safety and Regulatory Measures for Nuclear Facilities” for the staff of BARC, to impart general awareness on radiological safety, industrial safety and regulatory requirements. The 32nd Training Course was conducted at HPD Auditorium, CT&CRS, Anushaktinagar during September 26-29, 2016.

In the inauguration of the training programme on September 26, 2016, Shri K.Jayarajan, Head, BSCS welcomed the dignitaries and participants. Shri Y.K.Taly, Chairman, BARC Safety Council introduced the syllabus and its relevance. Chief Guest of the function, Shri R.J.Patel, Former Director, RD&DG and RRF emphasised on the safety aspects and the necessity of adherence to the regulatory codes, guides and procedures. The Guest of Honour Shri A.B.Mukherjee, AD, RPG and key note speaker Shri S. Bhattacharya, AD, RG talked about the importance of training in implementation of ALARA (As Low As Reasonably Achievable) programme in research and power reactors. The Course Director, Shri R.P.Hans, BSCS proposed the vote of thanks.

Participants of the training programme, along with Shri S.Bhattacharya; Shri Y.K.Taly; Shri R.P. Hans; Shri R.J.Patel; Shri A.B.Mukherjee; and Shri K.Jayarajan and invitees.

Forty participants from Reactor Group(RG); Reactor Project Group(RPG); Reactor Design & Development Group (RD&DG); Design, Manufacture and Automation Group (DM&AG) and Accelerator Control Division (ACnD)

attended the course. The course was carried out through classroom lectures and video display. Site visits to Plutonium Plant (PP) and fire demonstration by fire officer were also arranged for the participants. Faculty members include, experts from Radiation Safety Systems Division, Radiological Physics & Advisory Division, Medical Division, Industrial Hygiene & Safety Section, Fire Services Section and Chemical Engineering Division, in addition to the officers from BSCS. The training programme covered radiation protection programme in reactor operation; dosimetry and dose control; radiation detection and measurement; environmental radiation monitoring around nuclear facilities; occupational health care and management of internal contamination; preparedness and response for nuclear and radiological emergencies; biological effects of radiation; safety culture and regulatory framework for BARC. A written test was conducted at the end of the course.

Certificates were distributed to all participants during valedictory function held on September 29, 2016. The function was graced by Dr.D.N. Badodkar, AD, DM&AG; Shri Y.K.Taly, Chairman, BSC; Shri A. Rama Rao, AD, RD&DG; Shri P.M.Gandhi, Head, FRD; Shri K. Jayarajan, Head, BSCS and Shri R.P.Hans. Feedback on the training programme was taken from the participants for improving the future training programmes. The training programme was well appreciated by all the participants.