

Thirty First Training Course on “Basic Radiological Safety and Regulatory Measures for Nuclear Facilities”

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 31st Training Course was conducted during March 28-31, 2016 for the officers of Nuclear Fuels Group (NFG) and Nuclear Recycle Group (NRG).

The training programme was inaugurated on March 28, 2016 at B-Block Auditorium of Modular Labs. Shri K.Jayarajan, Head, BSCS welcomed the dignitaries and participants to the function. Shri Y.K.Taly, Chairman, BARC Safety Council introduced the syllabus and their relevance. He explained the importance of regulatory measures in controlling radiation exposure and adherence to safety procedures. Chief Guest of the function, Dr. (Smt.) S.B. Roy, Associate Director, Chemical Engineering Group emphasised on the safety aspects and strict adherence to the regulatory codes, guides and recommendations. She advised the participants to extract maximum benefits from the programme and to share the acquired knowledge among their colleagues. She complimented BSCS for their efforts to spread safety awareness in BARC. The inaugural function was graced by Shri K. Banerjee, AD, NRG and Shri R.P.Raju, Controller, BARC. The Course Director, Shri R.P.Hans, BSCS proposed vote of thanks.

The training course was organised by Shri C.L.R.Yadav, BSCS and his team. About fifty participants upto the grade of SO/D attended the course. It was carried out through classroom lectures and demonstrations. Site visits to Emergency Response Centre and Dhruva Reactor were arranged. Faculty members include experts from Health Physics Division, Radiation Safety Systems Division, Radiological Physics &

Advisory Division, Medical Division, Industrial Hygiene & Safety Section and Fire Services Section, in addition to the officers from BARC Safety Council Secretariat. The training programme covered radiation protection programme in back-end and front-end nuclear fuel cycle facilities; dosimetry and dose control; 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.



Chief Guest Dr. (Smt.) S.B.Roy, AD, ChEG releasing the compiled lecture notes. Shri Y.K.Taly, Chairman, BSC; Shri K. Banerjee, AD, NRG; Shri R.P.Raju, Controller, BARC and Shri K.Jayarajan, Head, BSCS are also present on the dais.

Certificates were distributed to all participants during valedictory function held on March 31, 2016. The function was graced by Dr. Pradeep Kumar, AD, Health Safety & Environment Group; Shri Y.K.Taly, Chairman, BSC; Shri Vivek Bhasin, AD, NFG; Dr. D. Datta, Head, RP & AD; and Shri K. Jayarajan, Head, BSCS. 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.



Participants of the training programme, along with Shri Y.K.Taly, Chairman, BSC; Shri Vivek Bhasin, AD, NFG; Shri K.Jayarajan, Head, BSCS; Dr. D. Datta, Head, RP&AD; Shri R.P. Hans, BSCS and invitees after the valedictory function.