

Discussion Meet on Radiological Impact Assessments (RIA) and Operational Intervention Levels (OILs) for Emergency Exposure Situation

Discussion Meet on Radiological Impact Assessments (RIA) and development of Operational Intervention Levels (OILs) for emergency exposure situation was conducted during June 26-27, 2018 in DAE Convention Centre, Anushaktinagar, Mumbai. The objectives of the meet was to deliberate on Radiological Impact Assessment at NPP sites, development of methodology of NPP specific Operational Intervention Levels (OILs), decision on reference level of exposures during emergency phase, development of protection strategy and obtaining viewpoints of various professionals & experts of the relevant field.

Chairman AERB, Executive Director, AERB, Associate Director, Health Safety & Environment (HSE), BARC, renowned professionals & experts of the field, division heads of AERB and around 150 participants from various units of DAE attended the meet.

In the inaugural session Executive Director welcomed all the participants; keynote address was presented by Shri K. K. Vaze, Former Director, RDDG, BARC; Chairman AERB emphasized on realistic approach in emergency management. Associate Director HSE, BARC expressed opinion about defining reference levels. Subsequent to inauguration of the meet, six sessions were held in two days.

Session 1: Source term evaluation for release into containment

Session 2: Behavior of radionuclides in containment and its release from containment to atmosphere

Session 3: Emergency planning and management

Session 4: Presentations and lectures on dispersion calculation and OIL aspects

Session 5: Dose estimation and protection strategy

Session 6: Panel discussion

Lectures and presentations were given by professionals from various DAE units. Latest information and innovative ideas were presented on all the aspects covered in the meet. All the sessions were observed interactive.

Opinion of participants on various issues pertaining to RIA and emergency management were obtained through feedback forms.

In the panel discussion information and ideas presented by various speakers were reviewed and discussions held for emergency dose reference levels and development of protection strategies. The outcome of the panel discussion has set foundation for further developmental work with regard to objectives of the discussion meet.



(From left) Dr. Pradeep Kumar, Associate Director, Health Safety & Environment (HSE), BARC, Shri S. A. Bhardwaj, Chairman AERB, Shri K. K. Vaze, Former Director, RDDG, BARC and Shri D. K. Shukla, Executive Director, AERB



Shri S. A. Bhardwaj, Chairman AERB felicitating Shri R. Sundar, ED (Operation), LWR, NPCIL



Audience in the Discussion Meet on Radiological Impact Assessments (RIA) and development of Operational Intervention Levels (OILs) for emergency exposure situation