

**Theme Meeting on ‘Revised Criteria for Use in Preparedness and Response to Nuclear or Radiological Emergencies’ (AERB/SG/EP-5) held at Niyamak Bhavan (AERB), Mumbai on January 24, 2014**

AERB safety guide on “Intervention Levels (ILs) and Derived Interventions Levels for Off-site emergency” (AERB/SG/HS-1) contains the guidelines for Intervention Levels (ILs) and Derived Interventions Levels (DILs) for initiating countermeasures in the public domain following a nuclear accident or radiological emergency. This guide was published in 1992. Emergency planning, preparedness and basis for prompt response have undergone many positive changes all over the world in last two decades. In order to make the Emergency Preparedness Plans for nuclear and radiation installations more effective, existing AERB safety guide (AERB/SG/HS-1) was revised by the expert committee including members from NPPs, BARC and AERB (AERB/SG/EP-5 ) and submitted to the Advisory Committee on Nuclear Safety (ACNS) of AERB for review. The draft of new safety guideline provides ‘generic criteria’ in terms of radiation dose for implementation of protective actions and other response actions to meet the emergency response objectives of avoiding severe deterministic effects and limiting stochastic effect. It provides operational criteria in terms of Emergency Action Levels (EAL), Operational Intervention Levels (OILs) and Observables at scene derived from generic criteria. New criteria are based on IAEA safety series IAEA/GS/ G-2 (2011), lessons learned from past experiences and related scientific knowledge. The set of generic criteria and operational criteria included in this safety guideline addresses the requirements and recommendations of IAEA and ICRP for emergency preparedness and response.

AERB organized a one day theme meeting on January 24, 2014 at Niyamak Bhavan (AERB), Mumbai to obtain feedback from NPPs, BARC, IGCAR and other DAE units on the new guidelines. This theme meeting was attended by around thirty participants from these organisations. The experts from AERB and NPCIL have given presentations on the guidelines proposed in the draft of this safety guide. A panel discussion was held after the presentation to discuss the opinions expressed by the participants.



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*(L to R: Shri S. A. Hussain, Former Head, RSD, AERB, Dr. D. N. Sharma, Director, HS&EG, BARC, Shri S. Duraisamy, Vice-Chairman, AERB, Shri S. G. Ghadge, Director (T), NPCIL, Shri A. R. Sundararajan, Former Director, SRI, AERB)*