

AERB Colloquium

[October 24, 2019]

Topic : **Radiological Safety in Public domain dealing with Mayapuri, scrap contaminator etc.**

Speaker: **Shri Rajoo Kumar, SO/F, R&DD**

In the past, there were several reported incidents/accidents throughout the world due to inadvertent radiation exposure causing serious radiation injuries to members of the public due to the presence of radioactive sources in the public domain/ scrap yards. In April 2010, a radiation accident occurred due to dismantling of a Gamma Cell (GC), housing Co-60 radioactive source pencils, by the workers in a scrap shop located in Mayapuri area of New Delhi. This resulted in high radiation exposures to seven persons of whom one succumbed to radiation sickness. Officers from the Atomic Energy Regulatory Board (AERB) and personnel from national Emergency Response Agencies (ERA) were involved at various stages of source recovery operations. It was revealed that the accident due to a "legacy" source originated from Delhi University. Several actions are initiated by the AERB to prevent such accidents in future.

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