

ATOMIC ENERGY REGULATORY BOARD

Information on loss of radioactive source during storage at BPCL Bottling Plant, Hathua, Gopalgunj, Bihar on 6.10.2025

A report of theft of two Industrial Gamma Radiography Exposure Devices (IGREDs) containing Ir-192 sources (Model: Delta, Serial No: D15322, Activity about 1 TBq (27 Ci) and Model: Roli-2, Serial No: 17449, Activity about 0.47 TBq (12.7 Ci)) was received by AERB from a radiation facility of Mumbai. As per the information received, the loss of radioactive source was noticed on 6.10.2025 (10 PM) at the BPCL Bottling Plant, Hathua, Gopalgunj, Bihar site. The radioactive sources find their use in nondestructive testing of various components. A complaint has been lodged by the radiation facility at the nearest police station Mirganj on 7.10.2025 regarding the theft of radioactive source. Efforts are being made by both the radiation facility and local police to search the lost radioactive sources. It may be noted that (i) special tools are required to remove the radioactive sources from the devices (ii) there would be no radiological consequences if the radioactive source remains intact inside the device.

(Head, RASD)