

# **National Policy on Control and Safe Management of**

## **Radioactive Waste**

Radioactive waste is generated by Nuclear Power Plants, Nuclear Research Reactors, radioactive sources used by industry and hospitals and research establishments. This radioactive waste needs to be properly managed and stored at safe and secure purpose built sites to protect human health and environment. PAEC, the main producer of the radioactive waste, is managing it with safety and security and storing it at PINSTECH and KANUPP. Safe management of radioactive waste in Pakistan will be ensured by Government of Pakistan. The finances of radioactive waste will be managed through Central Radioactive Waste Management Fund (RWMF) established and maintained by PAEC for the safe management of radioactive sources in the country.

2. As regards radioactive sources, used by hospitals and industry, these will be imported and returned to the supplier as per PNRA Regulations. Those radioactive sources which could not be returned to supplier or orphan source will be stored at safe and secured sites in the country. As there is no other site developed for the safe storage/disposal of disused and orphan radioactive sources utilized by private/public sector, PAEC will also be responsible for storage/disposal of disused and orphan radioactive sources and ownerless waste. Every generator of radioactive waste will be responsible for safe and secure management of radioactive waste until such time the radioactive waste is sent to designated storage sites of PAEC for ultimate disposal and shall pay its cost for the safe disposal to PAEC. PAEC will work out charges required for such disposal. In case of management of orphan sources, sources cleared by PNRA for disposal, the expenditure will be borne by Government of Pakistan.

3. Radioactive waste except for Disused Sealed Radioactive Sources (DSRS) will neither be imported nor exported as a policy until and unless specifically permitted by Government of Pakistan. Pakistan Nuclear Regulatory Authority shall ensure safe control of all radioactive waste including DSRS that is generated in the country.