

3. The radioactive solid waste generated during operation and maintenance of nuclear power plants is segregated and volume reduced using various technologies like compaction and incineration.

The solid/solidified waste is packaged in suitable containers to facilitate handling, transport and disposal. Disposal of waste is carried out in specially constructed structures such as stone lined trenches, reinforced concrete trenches and tile holes. These disposal structures are located both above and underground in access-controlled areas. Disposal system is designed based on multi barrier principle for ensuring effective containment of the radioactivity. The areas where the disposal structures are located are kept under constant surveillance with the help of bore-wells laid out in a planned manner. The underground soil and water samples from these bore wells are routinely monitored to confirm effective confinement of radioactivity in the disposed waste containment.

#### **Cheap Electricity near Nuclear Plants**

2329. SHRI T.M. SELVAGANAPATHI : Will the PRIME MINISTER be pleased to state :

- (a) whether it has been decided to provide electricity at cheaper rate for the houses near nuclear power plants in the country;
- (b) if so, the details thereof;
- (c) whether 50 per cent of power produced at each nuclear plant would be given to the States in which the plants are located; and
- (d) if so, the details thereof?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI V. NARAYANASAMY) : (a) and (b) The electricity generated by the nuclear power plants is supplied to the regional electricity grid from where it is supplied to the various consumers by the state electricity boards/distribution companies. The rates to be charged for supply of electricity to various consumers are decided by the SEBs/distribution companies.

(c) and (d) The Central Government has, in January 2011, approved allocation of 50% of the power from new nuclear power projects of NPCIL to the home state (state in which the nuclear power plants are located).

#### **Use of Atomic Energy in Agriculture Sector**

2330. SHRIMATI NAZNIN FARUQUE : Will the PRIME MINISTER be pleased to state :

- (a) whether Bhabha Atomic Research Centre (BARC) has received any