

The PRR-1 Situation

Radiological Monitoring During Decommissioning

- At present, the PNRI does not have complete equipment to do the radiological monitoring properly, but will obtain equipment through an IAEA TC project.
- The PNRI intends to begin and finish the radiological characterization survey of the PRR-1 in 2007.
- The characterization survey will provide essential data for decommissioning planning. It should also settle the following major uncertainties in the PRR-1:

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- Did the pool liner leak in 1988 cause the migration of neutron activation products throughout the biological shield? It is known that leaking water percolated from 1988 to 1992 over the entire backside of the pool liner and through the seams between the pour stages of the concrete. If activation products have migrated, the amount of contaminated concrete that may have to be removed could be orders of magnitude larger.
- How much contamination, if any, is in the ground outside the reactor building?