

## **The PRR-1 Situation**

### ***Decontamination Technologies***

- The PNRI has never undertaken any large-scale decontamination activity. The PNRI has decontaminated only laboratory rooms, and even then in the context of returning them to nuclear use, not for unrestricted release.
- Entering this field will be a major learning experience, and the PNRI will need a lot of advice and training.

# The PRR-1 Situation

## *Decontamination Technologies*

- It is believed that the level of contamination in the PRR-1 is relatively low and extreme means of decontamination will probably not be needed:
  - There has already been 18 years of radioactive decay (although unplanned).
  - During the last decade before shutdown, the reactor was never operated above 100 kW (except for a few hours of testing at 3 MW).
  - There has never been a fuel cladding failure that would have released fission products.
  - The laboratories in the reactor building are believed to never have processed long-lived radioisotopes in any large quantity.