

The PRR-1 Situation
Decommissioning Planning

- Of the three stages of decommissioning planning, the first two (Initial Planning and On-Going Planning) were never done in the PRR-1. The third stage (Final Planning) will be entered without the benefit of the first two stages and probably made more difficult thereby.

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- Project Scope:
 - Bounds:
 - Decommissioning is expected to be performed only on the reactor building (including both east and west wings) and its immediate grounds. The other buildings and facilities in the PNRI site will remain operational.
 - The project is expected to include the expansion of the existing interim waste storage facility in the PNRI site to hold the PRR-1 decommissioning waste. The waste will go into temporary storage pending the creation of a long-term disposal site in the Philippines.
 - The project is also expected to include the construction of a secure dry storage vault for the TRIGA fuel rods of the PRR-1, somewhere outside the reactor building but still inside the PNRI site.

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- Expected end-state:
 - Not yet determined. The sentiment at present is to preserve the shell of the reactor building and convert it to some other use.
- Final release criteria:
 - Not yet determined. To be defined mainly by the NRLSD.
- Selecting the Decommissioning Option (or Strategy):
 - Discussed under the presentation on Decommissioning Process.

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- Project Initiation:
 - The PRR-1 is actually now in this stage, entered without the benefit of advance planning. This was the penalty of not doing Initial Planning and On-Going Planning during reactor design, construction and operation.
- Preliminary Studies:
 - The PRR-1 is about to formally enter this stage.
 - The IAEA will provide TC assistance for a characterization survey, which will begin in 2007.

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- Detailed Design Studies:
 - It is hoped that the PRR-1 will be in this stage by 2008.
 - The topmost levels of the Work Breakdown Structure (WBS) will probably be defined earlier.
- Project Execution:
 - It is expected that the tasks under Project Execution will be performed by contractors. It is expected that the PNRI will not be able to perform the tasks by itself.

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- Project Control:
 - The PRR-1 decommissioning project team will likely play a more direct role in Project Control than it will in the performing of tasks under Project Execution.
- Project Closeout:
 - It is expected that as the regulatory body, the NRLSD will have a strong role in Project Closeout.

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