

	Identify the Impact	Known	Missing	Gaps	Prop Me
1. Legal and Regulatory Requirements	No strong legal bases or licensing				Propose Bill for regulatory bo
2. Radiological Criteria	Radiological Safety	✓		✓	PRR-1 should est safety p
3. Safety and Environment Impact Assessment	Radiological Requirements (PNRI Regulatory Body) Non-Radiological (DENR)	✓		✓	PRR-1 should e radiological and impact a
4. Environmental Monitoring	Release Criteria should be met for the safety of the workers and the public	✓		✓	PRR-1 should e environment decomm
5. Assessment of Inventory of Hazardous (Radioactive and Non-Radioactive )	Necessary to make the safety assessment	✓		✓	PRR-1 should e of the radiolo radiological haz
6. Technical and Administrative Descriptions	PNRI should meet the international requirements concerning safeguards and security preparedness	✓		✓	PRR-1 sho requirements con and security
7. Release Criteria	To be complied with release requirements		✓		Regulatory body the relea
8. Final Confirmatory Radiological Survey					

Activity	YEAR				
	2007	2008	2009	2010	2011
Legal and Regulatory Framework			→		
Radiological Criteria <ul style="list-style-type: none"> <li>▪ Make a projection of radioactive materials present in the facility by using past records of monitoring surveys sample analysis and operating parameters used during its pre-operational testing. Calculation models may be necessary.</li> <li>▪ Prepare inventory of all radioactive materials identifying type, estimated activity or concentration, location for sealed sources mode number, brand of source serial numbers should be identified.</li> <li>▪ Start to make a projection of radioactive materials for possible release</li> </ul>	→				

<ul style="list-style-type: none"> <li>▪ Prepare waste management plan (radioactive wastes &amp; spent fuel)</li> </ul>					
<p>Safety and Environmental Impact Assessment</p> <ul style="list-style-type: none"> <li>▪ Training Program for the staff to do the work</li> <li>▪ Availability of funds for consulting services may be considered</li> <li>▪ Establish Radioactive material inventory and related databases</li> <li>▪ Establish inventory of radioactive/hazardous materials for possible release to the environment</li> <li>▪ Identify hazards involved</li> <li>▪ Identify methods for estimating doses from normal activities and abnormal situations</li> <li>▪ May consider acquisition of softwares and tools for calculations and making projections</li> </ul>	→				
<p>Environmental Monitoring</p> <ul style="list-style-type: none"> <li>▪ Inventory of radioactive materials that will be released to different environmental media, air, water, soil</li> <li>▪ Determine and establish monitoring points</li> <li>▪ Establish Procedures for monitoring activities</li> <li>▪ Identify monitoring instruments at appropriate</li> </ul>	→				
<p>Technical and Administrative Requirements for decommissioning phase</p> <ul style="list-style-type: none"> <li>▪ Identify and establish organizational structure including functions and responsibilities</li> <li>▪ Prepare plan to meet requirements of other government agencies such as DENR</li> <li>▪ Prepare training and re-training programs of personnel involved</li> <li>▪ Prepare radiation protection program &amp; procedures</li> <li>▪ Prepare other requirements like security plan, emergency preparedness plans, physical protection and Quality assurance program.</li> <li>▪ Establish plans for disposal routes (storage or disposal into the ground) for certain</li> </ul>	→				

<p>waste categories</p> <ul style="list-style-type: none"> <li>- Construction of facilities for decommissioning waste may be considered*</li> </ul> <p>* Budget and financial requirements may be considered</p>					
<p>Release Criteria for the facility</p> <ul style="list-style-type: none"> <li>▪ Describe details of future plan for the site</li> <li>▪ Procedure to meet required levels after decontamination (decontamination procedures for the area and fixtures)</li> <li>▪ Procedure for confirmatory radiological survey for the release of the facility</li> </ul>		<p>→</p>			
<p>Submission of documents for approval by the regulatory body</p>		<p>→</p>			