

[Form 2 (to be reported to Committee on Countermeasures for Contaminated Water Treatment and to be disclosed to public)]

Technology Information	
Area	2 (Select the number from "Areas of Technologies Requested")
Title	Treatment of contaminated water
Submitted by	EPRI
<p>1. Overview of Technologies (features, specification, functions, owners, etc.)</p> <p>The following EPRI documents address management and treatment of tritiated water; these reports are available to TEPCO:</p> <p>Program on Technology Innovation: Assessment of Tritium Removal Technologies: Interim Report. EPRI, Palo Alto, CA: 2013.3002000608.</p> <p>EPRI Tritium Management Model: Project Summary Report. EPRI, Palo Alto, CA: 2005. 1009903.</p> <p>It is understood that the focus of this effort is evaluation of tritium removal technologies. This is discussed in EPRI report 3002000608 referenced above. This response does not specifically address evaluation of the dose and environmental impacts of release of tritium to the environment as an alternative to treatment for tritium removal. If requested, EPRI can offer support in this area as well. Please see Appendix 1.</p>	
<p>2. Notes (Please provide following information if possible.)</p> <ul style="list-style-type: none"> <li>- Technology readiness level (including cases of application, not limited to nuclear industry, time line for application)</li>   <li>- Challenges</li>   <li>- Others (referential information on patent if any)</li> </ul>	