

Technology Information	
Area	3 (Select the number from "Areas of Technologies Requested")
Title	Removal of radioactive materials from the seawater in the harbor
Submitted by	James Fisher Nuclear Ltd
<p>1. Overview of Technologies (features, specification, functions, owners, etc.)</p> <p>Please see enclosed documentation in reference to specific ROV technologies which have been extensively used on various Nuclear sites within the UK for exploration of ponds. Various adaptations can be made to incorporate tooling &amp; grabs to assist with size reduction and retrieval of waste.</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> </ul> <p>See information provided on the following sheets.</p> <ul style="list-style-type: none"> <li>- Challenges</li> <li>- Others (referential information on patent if any)</li> </ul>	

**【Areas of Technologies Requested】**

- (1) Accumulation of contaminated water (Storage Tanks, etc.)
- (2) Treatment of contaminated water (Tritium, etc.)
- (3) Removal of radioactive materials from the seawater in the harbor
- (4) Management of contaminated water inside the buildings
- (5) Management measures to block groundwater from flowing into the site
- (6) Understanding the groundwater flow