Form 2

Technology Information	
Area	1, 2, 3, 4, 5 and 6 (Select the number from "Areas of Technologies Requested")
Title	Los Alamos National Laboratory Capabilities and Expertise: Environmental Assessment, Remediation, Monitoring and Decontamination and Decommissioning near the Fukushima-Daiichi Nuclear Power Station Site
Submitted by	Dr. Paul R. Dixon

1. Overview of Technologies (features, specification, functions, owners, etc.)

   *See attached PDF

2. Notes (Please provide following information if possible.)

- **Technology readiness level (including cases of application, not limited to nuclear industry, time line for application):**

   All the capabilities listed for Los Alamos have been tested and deployed to solve various environmental, nuclear energy and security issues in the US. Technology readiness level is 9 to 10 form the listed capabilities.

- **Challenges:** Additional information will be supplied upon any specific technology requested.

- **Others (referential information on patent if any)** : Additional information will be supplied upon any specific technology requested.

【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