



# Environmental Management

## National Laboratory Network

### Overview

#### Purpose

The US Department of Energy (DOE) National Laboratories are mobilized to support the decommissioning and remediation activities at the Fukushima Daiichi Nuclear Power Station and other remediation sites in Japan. National Laboratory support was initiated under the Decommissioning & Environmental Management Working Group (DEM WG) of the US-Japan Bilateral Commission on Civil Nuclear Cooperation and is currently being provided by the Environmental Management (EM) National Laboratory Network (EMNLN). The EMNLN helps coordinate engagement among U.S. National Laboratories and Japanese organizations on strategies, approaches, technologies and other topics of mutual interest related to Decontamination & Decommissioning, spent fuel storage and management, site remediation, and waste management & disposal.

The EMNLN provides:

- A forum for regular exchange of information on topics of mutual interest
- Assistance in setting up work scopes and funding mechanisms
- Assistance in understanding the broad set of capabilities of US National Laboratories
- Current information to U.S. National Laboratories on the progress, challenges and opportunities at the Fukushima-Daiichi Nuclear Station and other remediation sites in Japan

#### Charge

The EMNLN provides support to Fukushima and other decommissioning and environmental management needs under the DOE EM Office of Laboratory Policy and coordinates the effort with the DEMWG and the Civil Nuclear Energy R&D Working Group.

#### Participation

- All US DOE National Laboratories are accessible through the EMNLN. As interests and missions are identified, specific Laboratory participation is determined by DOE and Federal partners\ agencies along with EMNLN representatives.
- Primary Japanese agency interfaces are expected to be METI/NDF/TEPCO/MEXT/JAEA/MOE (depending on topic).

#### EM National Laboratory Network → Decommissioning Support

- Japanese partner organization(s) identify target activities and needs.
- DOE and EM National Laboratory Representatives then develop science and technology strategy options.
- DOE and the EMNLN network provide the options for the partners and work to initiate support, as needed, on those that are selected.
- DOE and the EMNLN track and report on key activities.
- The DOE National Lab(s) performing the work are responsible for negotiating appropriate contract vehicle with their Japanese counterpart(s).

