39th Meeting of the Waste Safety Standards Committee (WASSC)
29-30 June 2015, Vienna

Agenda Item W3.4
Report on a new project concerning decommissioning and remediation of damaged facilities (DAROD)

DAROD Project: International Project for Managing the Decommissioning and Remediation of Damaged Nuclear Facilities
Background

- Project was conceived in early 2012 as part of the Nuclear Safety Action Plan (NSAP), specifically under Action 10 of the NSAP.
- One of the last activities implemented under NSAP.
- Joint project with the Department of Nuclear Energy (NE).
- John Rowat and Vladan Ljubenov are the co-secretaries within NS; Vladimir Michal and Patrick O’Sullivan are the co-secretaries in NE.
- Focus is upon decommissioning of damaged nuclear facilities and remediation within site boundary.
Two related NSAP activities implemented before DAROD:

- *The International Expert Meeting on Decommissioning and Remediation after a Nuclear Accident*, 28 January to 1 February, 2013. Published in September 2013.


These have prepared some of the groundwork for DAROD.
Scope and Objectives

Scope:
• Decommissioning of nuclear facilities that have been damaged by accidents.
• Covers period after emergency is declared over, and is limited to objects and lands within the site boundary.
• Examines policy, regulatory and implementation aspects.

Objectives:
• Capture and distill existing knowledge that applies to decommissioning of damaged nuclear facilities (DNFs).
• Identify where existing guidance materials can be enhanced to address DNFs.
• Explore synergies with decommissioning of legacy nuclear facilities.
• Aims to ensure that decommissioning safety requirements are applied to decommissioning of DNFs.
The project is implemented by means of plenary and working group (WG) meetings, and is planned to include an international workshop.

WGs have been established to cover the following topics:

i) Regulatory Issues;
ii) Technical issues; and
iii) Institutional Framework & Strategic Planning.

The main activities of the WGs are to:
• Identify and define site specific and common issues regarding the key areas;
• Interact with case study experts to acquire lessons learned;
• Gather and distil relevant information;

Case Studies are the foundation of the DAROD Project. Each disaster is unique!
Planning consultancy: 26-30 May 2014
Launch TM: 19-23 January 2015 (37 participants, 20 countries, 1 international org)

- Decided upon project scope and structure.
- Formulated Terms of Reference and Scope of work (in draft).
- Formed working groups.
- Identified case studies.
- Working groups identify information needed from case studies.
- Formulate a case study specification document (based on WG needs).
- Initiated case study preparation.
- Set up a DAROD site under the CONNECT Platform – for development of project documents (in progress).
- Initial outline of Report for DAROD Project (ongoing)
- Prepare for September 2015 meeting to review case studies.
What is ahead?

Next meeting of DAROD is a meeting of the 3 working groups. To be held in Vienna from 31 August to 4 September 2015.

Next annual meeting is planned for the first quarter of 2016. It may be held in Japan – to coincide with events marking the 5th anniversary of the Fukushima accident.
Thank you