

Devon & Cornwall Joint Branch

A Joint Branch of the RINA and the IMarEST
 Chairman: Rob Saunders
 Hon Secretary: Geoff Davis 01752 880135
 Hon Treasurer: Matt Gill



Date: Wednesday 20th Mar 2019
Time: Talk 19:00, Refreshments from 18:00
Venue: Plymouth University, Babbage Building - Lecture Theatre 005
Organiser: Devon & Cornwall Joint Branch RINA/IMarEST
Contact Information: As above

LfE in the Delivery of a Complex Nuclear Decommissioning Project - Submarine Dismantling Project Mike Donnington



RINA/IMAREST are pleased to offer in conjunction with the IMechE a fascinating seminar on a complex nuclear decommissioning programme that is currently underway in the UK.

The aim of the Submarine Dismantling Project (SDP) is to deliver a safe, environmentally responsible and cost effective solution for the dismantling of 27 of the UK's defueled nuclear powered submarines after they have left service with the Royal Navy.

Previous international efforts at submarine dismantling, including France, Russia and the United States, have involved the isolation and removal of the entire section surrounding the reactor plant. This is called the reactor compartment separation technique. The reactor compartment, when removed, is then stored as a single entity for each submarine.

The UK Ministry of Defence (MoD) has opted to remove all radioactive waste from the submarine, including its systems and components, reducing the volume of radioactive waste disposals and maximising the volume of steel that can be recycled. This phase of SDP is termed the initial dismantling phase and this will be undertaken at two sites including Rosyth Royal Dockyard and Devonport Royal Dockyard. Babcock International Group is the Nuclear Licensee at both of these sites and is nominated as the MoD's lead supplier for this phase of the programme.

This presentation will describe the strategic approach to the SDP programme, the programme structure and scope, infrastructure upgrades required to support the radioactive waste deplanting process and a forward looking view of the challenges that lie ahead.

The talk is free and open to all those interested

Continued Professional Development	Certificate of Attendance at Technical Meeting by Branch Committee Member Name Signed
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