



European ALARA Network Workshop n°18 (jointly organised with ISOE)
11, 12 & 13 March 2019
At CEA Marcoule (France)

ALARA FOR DECOMMISSIONING AND SITE REMEDIATION

PRELIMINARY PROGRAMME (as 18th December 2018)

The objectives of the workshop are:

1. To present the regulatory background and latest guidance and standards regarding radiation protection for decommissioning and site remediation; both in the nuclear and the non-nuclear sectors.
2. To examine the conceptual and the practical aspects of the optimisation (ALARA) principle in these fields for workers and the public.
The workshop aims at gathering an array of experience and feedback from work performed in nuclear installations, installations outside the nuclear fuel cycle (ex. research facilities) and legacy sites.
3. To discuss and investigate selected key themes and overriding issues with regard to ALARA; to identify remaining needs and perspectives.

The workshop is jointly organized with the ISOE Working Group on Decommissioning (WG-DECOM).

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Programme Committee Members

Mr. Sylvain Andresz	CEPN, France
Mr. Ignacio Calavia Gimenez	Spanish Nuclear Authority (CSN), ISOE WG-DECOM, Spain
Ms. Petra Hansson	Swedish Radiation Safety Authority (SSM), Sweden
Mr. Marc Lahfid	CEA Marcoule, France
Mr. Paul Livolsi	CEA-INSTN, France
Ms. Julie Gilchrist	Public Health England (PHE), EAN Secretary, United Kingdom
Mr. Bernd Rehs,	Federal Office for the Safety of Nuclear Waste Management (BfE), Germany
Mr. John H. Rowat	IAEA, Decommissioning and Remediation Unit, Austria
Ms. Caroline Schieber	CEPN, Head of ISOE-ETC, France
Mr. Nicolas Stritt,	Federal Office of Public Health (FOPH), EAN Treasurer, Switzerland
Mr. Ludovic Vaillant	CEPN, France
Mr. Fernand Vermeersch,	SCK•CEN, EAN Chairman, Belgium



MONDAY 11 MARCH, 2019

8:30	9:00	 Registration 
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SESSION 1. SETTING THE SCENE





9:00	9:30	Introduction (by the Director of Marcoule Nuclear Centre)
		Presentation of former EAN workshops on the theme and the reasons to organize a new workshop
9:30	9:45	ALARA issues in decommissioning: the point of view of the ISOE WG-DECOM
9:45	10:00	AIEA recommendations and guidance with regard to radiation protection for decommissioning and site remediation
10:00	10:15	Creation of a OECD/NEA Committee Decommissioning and Legacy Management: what's new for radiation protection?
10:15	10:30	Regulatory Requirements for Radiation Protection in Decommissioning in Germany (focus on strategy)
10:30	11:00	 Coffee Break 

SESSION 2. ALARA IN THE DECOMMISSIONING/REMEDICATION OF NUCLEAR INSTALLATIONS - I

11:00	11:20	Scenarios and strategy for dismantling hot cell M2 at LHMA installation, Mol
11:20	11:40	Dose estimation and optimisation during the decommissioning of the Low Flux Reactor in Petten, the Netherlands
11:40	12:00	Experience from CEA-Marcoule in the decommissioning
12:00	12:20	Radiological characterization to lay the foundation of ALARA. Experience from Mühleberg NPP
12:20	13:45	 Lunch 



SESSION 2. ALARA IN THE DECOMMISSIONING/REMEDICATION OF NUCLEAR INSTALLATIONS - 2

13:45	14:05	The decommissioning of research installations: CIEMAT in Madrid
14:05	14:25	Experience from Sweden in nuclear installations

14:25	14:45	Full system decontamination, under ALARA point of view
14:45	15:05	Strategies for Nuclear Site Restoration
15:05	15:15	Introduction to Working Groups
15:15	15:30	 <i>Coffee Break</i> 
15:30	17:00	 WORKING GROUPS SESSION - I 

TUESDAY 12 MARCH, 2019



SESSION 3. ALARA IN THE DECOMMISSIONING/REMEDIATION OF SITE OUTSIDE THE NUCLEAR SECTOR - I

9:00	9:20	The Radium Action Plan in Switzerland
9:20	9:40	A legacy site in London City
9:40	10:00	Management of mine residues in Spain
10:00	10:20	The specificities of the management of waste coming from non-nuclear site clean-up (Pargny-sur-Saulx, France)
10:20	10:50	 <i>Coffee Break</i> 

SESSION 3. ALARA IN THE DECOMMISSIONING/REMEDIATION OF SITE OUTSIDE THE NUCLEAR SECTOR - 2





10:50	11:10	Management of Hot Spots on UK beaches
11:10	11:30	A holistic approach and supportive role of radioecology in the remediation process: example of NORM legacy mine in Norway

SESSION 4. TRANSVERSAL AND OVERRIDING ISSUES - I





11:30	11:50	Radioactivity and Asbestos at EDF/DP2D
11:50	12:10	Risk management at Sellafield: industrial + radiation protection
12:10	12:30	Choosing a strategy for waste: recycling? disposal? And how to avoid accident. Experience from an Italian agency.
12:30	13:45	 <i>Lunch</i> 

SESSION 4. TRANSVERSAL AND OVERRIDING ISSUES - 2

13:45	14:05	Decommissioning of non-nuclear facilities: insight into the process
14:05	14:25	Restricted clearance - PAHs leading to challenge in dismantling
14:25	14:45	The Local Commission of Information of Marcoule: An example of public involvement in the decommissioning

14:45	15:00	 <i>Coffee Break</i> 
		 WORKING GROUP SESSION 
15:00	17:00	

WEDNESDAY 13 MARCH, 2019

REPORTS FROM WORKING GROUPS			
9:00	9:20	WG1	WG1 - How to apply ALARA for workers in decommissioning and remediation?
9:20	9:40	WG2	WG2 - How to apply ALARA for public in decommissioning and remediation?
9:40	10:00	WG3	WG3 - The holistic approach in risk management: how to be ALARA in the context of other risks?
10:00	10:20	WG4	WG4 - The challenges raised by waste and how to overcome?
10:20	10:50		 <i>Coffee Break</i> 
CONCLUSIONS AND RECOMMENDATIONS			
12:00	13:15		 <i>Lunch</i> 
TECHNICAL VISITS			