

Information exchange “RP in Decommissioning”

Proposal: Provide a forum for experts to discuss the current state of knowledge, technology, and experience in RP issues directly related to the decommissioning of nuclear facilities.

Primary focus on practical case studies and expert discussions that would help to identify good practices in the field of ORP :

- Collecting information and practical experience available in the nuclear industry on addressing operational aspects of radiation protection during decommissioning of nuclear reactors with special emphasis on procedures to manage occupational exposures, and;
- Identifying factors and aspects which play key roles in achieving good practices in decommissioning (knowledge, experience, technology, regulatory requirements and guidance, worker involvement, information exchange and networking, etc.) and analysing and quantifying, as possible, their impact on worker doses and operational costs.

Purpose: to introduce the joint projects with their specific activities in the field of decommissioning, to discuss the proposal for the establishment of a new Joint Working Group, and to discuss trends, areas that need to be studied further by the joint working group.

The way forward for the establishment of a new JWG

Background:

- November 2013- ETC proposal to establish a joint group
 - RP aspects of decommissioning/dismantling activities at NPPs (extension for the database)
 - Supported by the MB
- Meeting with the Chairs of ISOE and CPD (Commission ... Projects ... Decommissioning) in Nov 2013
- Agreement to meet in April 2014 to discuss the details of the proposal and draft TOR
- April meeting (Bern), 7 April, attended by the CPD and TAG representatives
- Proposal and organisation of the TS was approved

The way forward for the establishment of a new JWG

- CPD TAG meeting (15.10.2014, Ispra /Italy) attended by Dr Jahn (ISOE Vice-Chair), *report*
- TAG project leaders, positive feedbacks for information exchange, but circumstances and conditions, e.g. radiological conditions, type of facilities (noting that the TAG deals with all types of nuclear facilities), dismantling procedures, time schedule, course of dismantling actions etc., differ considerably between all these projects.
- Comparison is a difficult task (*misinterpretation*), no useful conclusions (*RP is only one aspect of other contributing factors*)
- ISOE is open to operators and RAs, but TAG is only for decom practitioners with less senior representatives.
- The proposal should be communicated with the WPDD

The way forward for the establishment of a new JWG

Recommendations

- Start with an ISOE group (maybe contributed by TAG, invitation to the TAG meetings),
- Focus on information (not only data) collection
- Possible topic for an ISOE symposium (international in May 2015), invitation to the TAG members (challenging factors), special sessions (the change of safety culture, the steady modification of circumstances during decommissioning, techniques used in dismantling, separation, decontamination, etc.)

Request

- List of RP Managers for information exchange on decom (Secretariat may provide)
- Decom reports (WGDA; collection and posting at the ISOE network) to be shared with TAG

Nominations for JWG

- Ellen Anderson (NEI)
- Gonzague ABELA (EDF) (Nuclear Engineering Division)
- Mr Long PHAN HOANG (EDF /CIDEN à Lyon 6ème)
- James Tarzia (Radiation Safety & Control Services Inc.)

Participation for the TS

- Nicolas Didelot (IRSN)
- Fery Vanhemelryck (Belgium)
- Boris Brendebach (GRS)
- Tae Yong Lee (KHNP)