

## Meeting Minutes

### ISCORS Public Meeting

November 28, 2023, from 1:00-4:00 p.m.

1:00-1:15 p.m.

Welcome to EPA - Jon Edwards, EPA

Welcome to ISCORS - Vince Holahan, NRC

Introductions around the room (Unable to introduce attendees on Teams due to AV issues)

1:15-1:45 p.m.

Chris Clement, ICRP – Presentation entitled “ICRP: Radiological Protection for the Next Generation”

(Please see <https://www.epa.gov/iscors/iscors-public-meetings>)

*Question* - Dr Paul Locke, JHU - Communication is a cross cutting issue, however, with many people, it can sometimes be a challenge to get started. Given the importance of communicating effectively, why isn't this raised up to a higher level? *Response* -That's exactly what the Call for Action is aiming to do.

*Question* - Shona Elgart, NASA - Thanks for the presentation! Is there a space on the ICRP website that identifies the different RP education/training resources available? *Response* - We have only started on resources. Check our [www.icrpaedia.org](http://www.icrpaedia.org) and also our series of online events. Some info on status can be found in the Committee reports on each of the Committee pages.

*Question* - Stuart Walker - Is there a portion of the ICRP website that shows the products/progress of the ICRP task groups? *Response* - For Task Group progress, some individual task group webpages have updates (e.g. published papers), but we intend to add better information on the status of each.

1:45-2:15 p.m.

Paul Locke – Presentation entitled “NEA's OECD High Level Group on Low Dose Research: for low dose research and understanding the potential impacts of low dose research on policymaking” (Please see <https://www.epa.gov/iscors/iscors-public-meetings>)

*Question* - Vince Holahan, NRC - Dose response mechanisms – there are divergent papers and views. Is there any effort from NEA to bring to consensus and share that view? *Response* – Providing more of a coordination and data sharing function, less of an analysis function. Perhaps NEA and the expanded community can provide more information. *Additional response* - Mike Boyd, EPA - The action is not in the Committee of Radiological Protection and Human Health, it is found in this NEA group.

*Question* - Miroslav Pinak, IAEA - Low-dose research approached from IAEA United Nations Scientific Committee on Effects of Atomic Radiation (UNSCEAR) – they developed an approach to low-dose risk and are looking at it next May 2024. It is not conclusive in the intervening time.

*Additional response* - Vince Holahan, NRC – Providing additional information on UNSCEAR and million-man study with some concerns over certain included cohorts.

2:15-3:00 p.m.

Miroslav Pinak, IAEA – Presentation entitled, “IAEA Radiation Safety Projects implemented in cooperation with the US Federal Authorities” (Please see <https://www.epa.gov/iscors/iscors-public-meetings>)

*Question* - Bobby Abu-Eid, NRC - Contaminated soils in Fukushima – There seem to be certain issues in collecting data as it is owned by municipality at Fukushima with a limited federal role in prefecture. There is no centralized system to collect data. *Response* - Data were not publicly available due to a different regime, but now the agencies have published the information.

*Question* - Bobby Abu-Eid, NRC – Interested in information regarding using AI for remediation of contaminated sites under the three exposure situations using big data collected by member states. *Response* - Not all countries can provide data due to different situations in different countries.

3:00-3:20 p.m.

Matt Sumrall – Presentation on “Proposed Revision of the International RAM Transportation Activity Limits. (Please see <https://www.epa.gov/iscors/iscors-public-meetings>)

*Additional comment* - Phil Egidi - Revising the values for NORM 10x Exemption value – has been proposed to move to 30x, but this has not yet been accepted. There is a working group that is evaluating all NORM exemption values. Currently in the calculational phase.

*Additional comment* – Miroslav Pinak, IAEA – They have finally endorsed the document with the working group. It is known there is an ongoing need to revise some values, but the document can move ahead anyways. They won't need to re-open the entire document for revision.

*Additional Comment* – Vince Holahan, NRC – More information may be needed on some of the values – NRC and DOT will discuss further after the meeting.

3:20-3:40 p.m.

Mike Boyd – Presentation on “An Overview of Japan's Plans for Discharging Treated Water from Fukushima Daiichi NPS” (Please see <https://www.epa.gov/iscors/iscors-public-meetings>)

*Question* - Paul Locke, JHU -There has been a lot of pushback...is there any scientific evidence behind the pushback? *Response* - I think the pushback is not based on scientific evidence.

*Additional comment* - Miroslav Pinak, IAEA – There is certain scientific justification from certain members and IAEA is being asked about those judgements - the only judgment IAEA is making is whether they meet certain standards. The report is not to make a judgment on various statements by different groups. The methodology for collecting measurements is independently verified. We are providing continuous staffing for the time being.

*Question* - Vince Holahan, NRC - Was there unanimity behind the members of the report?

*Response* – There was pushback from one member of the team.

*Question* - Bobby Abu-Eid, NRC – When comparing EPA MCL and IAEA standards, these are apples and oranges. Just a caution that they use different standards. *Response* - Agreed and indicated that he tried to make this point.

3:40-3:50 p.m.

Subcommittee Updates

Federal Guidance by Jon Nagata, EPA

Jon Nagata, EPA, reported that the Federal Guidance Subcommittee met prior to the November ISCORS meeting. EPA announced the anticipated distribution of draft Federal Guidance Report No. 16 (FGR-16) to Subcommittee members to conduct interagency review in mid-December. A briefing on FGR-16 was promised for the full ISCORS at a future meeting.

Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM) by Kathryn Snead, EPA  
 Kathryn Snead, EPA, indicated that the MARSSIM, Revision 2 was reaching completion, with most technical edits included at this time. The next phase will be technical editing and outreach and training.

Technologically Enhanced Naturally Occurring Radioactive Material by Phil Egidi, EPA  
 Phil Egidi, EPA, briefed ISCORS with the updated membership of the TENORM group, that it had its first call and plans for some document reviews later this year from EPA. Phil Egidi noted that TENORM in oil and gas dwarfs other industries in the volumes and concentrations of TENORM, with mining second. Critical Minerals are the industry du jour and many are associated with radioactivity.

3:50-4:00 p.m.

Public Comments - None

Closing Remarks by Jon Edwards, EPA

Closing Remarks by Vince Holahan, NRC

**Attendees:**

<b>Name</b>	<b>Affiliation</b>
Boby Abu-Eid	NRC
Isaf Al-Nabulsi	NRC
Val Anoma	EPA
Amanda Anderson	DOE
Armin Ansari	EPA
David Borrego	EPA
Mike Boyd	EPA
David Bytwerk	DOE
Tom Carver	DOE
Mary Casto	NRC
Chris Clement	ICRP
Sara DeCair	EPA
Andrea Cherepy	EPA
Jon Edwards	EPA
Phil Egidi	EPA
Shona Elgart	NASA
Derek Favret	DOE
Earl Fordham	State of Washington
Chris Hallam	EPA
Vince Holahan	NRC
Brian Littleton	EPA
Paul Locke	Johns Hopkins University
Jeffrey Lodwick	DOL
John Major	EPA
Lauren Matakas	EPA
Kathy McLellan	DOE
Danielle Montecalvo	EPA
Jen Mosser	EPA

Jon Nagata	EPA
Neal Nelson	EPA
Robert Ochs	HHS
Tom Peake	EPA
Miroslav Pinak	IAEA
Wagnus Prioleau	EPA
Lowell Ralston	EPA
Daniel Reid	
Joe Rustick	EPA
Jay Santillan	EPA
Dan Schultheisz	EPA
Andy Scott	DHS
Jeff Semancik	State of Connecticut
Dwight Shearer	Commonwealth of Pennsylvania
Kathryn Snead	EPA
Mike Stewart	DOE
Matt Sumrall	DOT
Xinyue Tong	EPA
Lee Veal	EPA
Stuart Walker	EPA
Jon Walsh	EPA
Shirley Xu	DOE
Ken Yale	EPA