



Radiation Health Committee

Meeting Minutes

- Date:** 17 – 18 July 2018
- Location:** Hobart Function and Conference Centre’s Gretel Room (1 Elizabeth Street Pier), Hobart 7000
- Chair:** Dr Roslyn Drummond
- Members:** Dr Roslyn Drummond (Chair); Ms Fay Bellis (Public Representative); Mr Mark Carey (NSW); Mr Noel Cleaves (VIC); Mr Simon Critchley (QLD); Mr Bradley Feldtman (NT, attended over the phone); Ms Penny Hill (ACT); Dr Bruce Hocking (Member); Assoc. Prof. Tony Hooker (SA); Dr Carl-Magnus Larsson (CEO of ARPANSA); Dr Stephen Newbery (TAS); Ms Hazel Upton (WA); Dr Joanna Wriedt (Nuclear Safety Committee Representative)
- Secretariat:** Dr Samir Sarkar
- Scribe:** -
- Apologies:** Nil
- Invitees:** Mr Ryan Hemsley (ARPANSA) (via phone, for items 2.3 and 4.2)
Mr Selva Kumar (ARPANSA)
Dr Fiona Charalambous (ARPANSA) (via phone, for item 2.4.1)
Dr Peter Thomas (ARPANSA) (via phone, for item 3.1)
Dr Rick Tinker (ARPANSA) (via phone, for items 3.3, and 3.6)
Dr Cameron Lawrence (ARPANSA) (via phone, for item 3.6)
Mr Garth Sheehy, Ms Julie Murray (ARPANSA) (via phone, for item 3.10)
- Observers:** Dr Gillian Hirth (Chief Radiation Health Scientist, ARPANSA); Mr Jim Scott (Chief Regulatory Officer, ARPANSA); Dr Ivan Williams (Chief Medical Radiation Scientist, ARPANSA)

1. Introductions and Standing Items

Item 1.1 Welcome by the Chair Chair

The Chair called the meeting to order. The Chair welcomed the Members and noted that Mr Stuart Lillie (New Zealand), normally an observer, was unable to attend. Dr Mark Veitch, Director of Public Health Tasmania, welcomed the meeting participants and acknowledged the contribution of the RHC to radiation health in Australia. On behalf of the RHC and other meeting participants, the Chair thanked Dr Veitch for hosting the meeting in Hobart.

Item 1.2 Minutes Chair

The Chair noted that the minutes from the previous meeting held on 14 March 2018 had been confirmed out of session and had been posted on ARPANSA’s website.

Item 1.3 Actions and Business Arising Chair

The Chair noted that items in the action list had either been completed, were in progress or were on the agenda.

Action Item 1 from the meeting held on 14 March: Dr Williams provided an update regarding ARPANSA's relationship with the Therapeutic Goods Administration (TGA) and Medical Services Advisory Committee (MSAC) on radiation health issues. Members noted the importance of continuation of engagement with MSAC and TGA. Members suggested ARPANSA to consider strengthening its interaction with the TGA.

Action 1: Dr Larsson and Dr Williams to approach TGA and report back at the next RHC meeting.

Action Item 2 from the meeting held on 14 March: The letter from the Minister for Queensland Health and Ambulance was referred to the Radiation Regulators' Network (RRN), for discussion at RRN's discretion.

Dr Newbery informed that on the basis of priority of RRN matters the letter from the Minister had not been discussed by the RRN. He stated that this letter will be discussed at the RRN meeting in due course.

Item 1.4 Correspondence

Chair

Members noted the following correspondence:

1. Emails from the Secretariat and to the Secretariat regarding nominations to the working group for Australian guidance on *Radiological consideration on closure, handover and post-closure monitoring and surveillance of practices*.
2. Email from the Secretariat advising the Members that ARPANSA has released the Emergency Exposure Guide for public consultation.
3. Email from the Secretariat to the Members requesting comment on the IAEA Draft Safety Guide DS 434: *Radiation Safety of Accelerator Based Radioisotope Production Facilities*.
4. Email from the Secretariat and to the Secretariat regarding out of session endorsement of the document on Roles and Expectations of Advisory Bodies.
5. Email from the Secretariat to the Members regarding outcomes of the March Meeting of States and Territories related to IRRS Mission.
6. Email from the Secretariat informing the Members of the publication of the final outcomes of the 2017 WHO Joint External Evaluation (JEE).
7. Email from the Secretariat to the Members about the *Information System on Occupational Exposure in Medicine, Industry and Research* (ISEMIR) available at the IAEA.

Item 1.5 Public Interest Issues

Ms Bellis

No issues of public interest had been raised with the member representing the interests of the general public.

Item 1.6 Conflict of Interest Declarations

All Members

Nil.

2. National Uniformity

Item 2.1 Tasmanian Radiation Regulatory Framework

Mr Hemsley

Dr Newbery presented the Radiation Regulatory Framework of Tasmania, highlighting the licensing management system, which is a web based system. Members noted the user friendliness of the system and the effectiveness of the system for capturing licensing information.

Item 2.2 Radiation Regulators' Network Update

Dr Newbery/Mr Kumar

The Members noted the current projects and activities and were informed of:

- the proposal to engage with Medical Radiations Australia and the Australian Health Practitioner Regulation Agency (AHPRA) to consider options to ensure that radiation safety competencies are included in registration requirements for medical radiation professionals; and
- a project to discuss the regulatory impact assessment requirements and exemption provisions in each jurisdiction in order to facilitate the implementation of RPS Codes in each jurisdiction.

Based on the discussion, Members agreed to sponsor the project on the regulatory impact assessment requirements and exemption provisions in each jurisdiction in order to facilitate the implementation of RPS Codes in each jurisdiction. Dr Newbery will be the Project Manager and Mr Kumar the Technical Officer.

Action 2: Dr Newbery and Mr Kumar to progress the project on RIS requirements and exemption and provide an update at the next RHC meeting

Item 2.3 IRRS Mission to Australia

Mr Hemsley

Mr Hemsley provided the Members with a verbal update on the progress of the IRRS Mission to Australia. He informed that two jurisdictions were yet to complete their contributions. The Advance Reference Material (ARM) was being finalised and a draft would be circulated shortly.

Item 2.4 NDRP 2nd Edition

Dr Newbery / Mr Kumar

Detailed discussion took place on the NDRP 2nd Edition that included confirmation of text, paragraph by paragraph. The discussion resulted in some changes that were agreed by the Members. The Members endorsed the NDRP 2nd edition in principle subject to the incorporation of the changes agreed at the meeting. The updated document will be circulated to Members out of session for confirmation, followed by submission to the Australian Health Ministers' Advisory Council (AHMAC) and the COAG Health Council (CHC).

Action 3: Mr Kumar to circulate the updated NDRP 2nd Edition incorporating changes agreed at the meeting to Members out of session.

Action 4: Mr Kumar to progress the submission of the NDRP 2nd Edition to AHMAC and CHC.

Item 2.4.1 User Disposal Code

Dr Charalambous

The Members were recommended to change the title of the *Code for the Disposal of Radioactive Waste by the User* to '*Code for the Release of Radioactive Waste*' to better reflect the content and intended use of the Code and to reduce potential confusion with the *Code for Disposal of Solid Radioactive Waste*. Considering the purpose of the Code and its familiarity with stakeholders the Members did not endorse the recommendation but suggested to retain the original title, '*Code for the Disposal of Radioactive Waste by the User*'. The Members had previously endorsed the publication of the Code.

Item 2.5 RHC Projects Update

Dr Sarkar

Dr Sarkar provided an update on the priorities and progress of the current RHC Projects.

3. RHC Work Program – Action

Item 3.1 Medical Exposure Code (RPS C-5)

Mr Critchley / Dr Thomas

Dr Thomas and Mr Critchley provided an update on the status of the *Medical Exposure Code* (RPS C-5). They advised the Members that a total of 26 submissions were received with a combined total of over 451 individual comments. Consideration of the comments and the drafting of responses were underway. Significant issues were raised regarding

the appropriate roles and responsibilities of particular professions. Dr Larsson suggested to categorise the comments in terms of areas or themes. The Members suggested that the comments be addressed by the next RHC meeting and Dr Thomas and Mr Critchley come up with the plan to resolve the outstanding issues if there were any.

Action 5: Mr Critchley and Dr Thomas to provide the results of resolution of stakeholders' comments and to put forward a plan to resolve the outstanding issues if there are any.

Item 3.2 **Emergency Exposure Guide**

Dr Hirth

Dr Hirth informed the Committee that the submission of stakeholders' comments closed on 16 April 2018. A total of 103 comments from stakeholders were received. A stakeholder strategy had been implemented in order to engage and inform interested parties of the Emergency Exposure Guide. The working group contacted over 100 interested parties that had been invited to comment on the Guide.

Dr Hirth also informed that the Victorian Department of Health and Human Services (DHHS) was holding a seminar on 25 July 2018 on the theme of radioactive material emergency preparedness and response to engage with Victorian stakeholders for better understanding of this guide in emergency situations involving radiation. Dr Tinker will visit the Tasmanian authority to finalise comments from Tasmania. Dr Hirth stated that comments will be resolved before the next meeting and the updated guide with resolution of stakeholders' comments will be presented at the next RHC meeting in October 2018 for approval.

Action 6: Dr Hirth to provide the updated Emergency Exposure Guide with resolution of stakeholders' comments at the next RHC meeting in October 2018 for approval.

Item 3.3 **National Model for Public Information (Cosmetic Laser and IPL Injury Register) Mr Critchley / Dr Tinker**

The Members suggested to renaming the Agenda Item title 'Cosmetic Laser and IPL Injury Register' for better reflection of the issues covered under this item.

Dr Hirth and Mr Critchley provided an update on the response to ARPANSA's letters to the State and Territory Health Complaints Commissions in relation to laser and IPL incident reporting. It was advised that ARPANSA received limited response in this regard. The Members noted that there were not enough data on incidents. The Members also noted that the 'Advisory Note' will be released for public consultation.

Action 7: Dr Hirth to provide an update on consultation on the Advisory Note at the next RHC meeting in October 2018.

Item 3.4 **Review of RPS3**

Dr Hocking

Dr Hocking provided an update on the review of *Radiation Protection Standard for Maximum Exposure Levels to Radiofrequency Fields – 3 kHz to 300 GHz* (2002 (RPS3)) and advised that ICNIRP guidelines had been released for public comment on 11 July 2018. The Members were informed that ARPANSA made this document available on ARPANSA's website for comment. The RPS 3 will be revised in the light of the ICNIRP guidelines. The Members noted that the NZ Ministry of Health expressed interest in participating in the revision of RPS 3. The Committee advised ARPANSA to explore options for a joint Australian and New Zealand publication of RPS 3 and to engage with the Australian Communications and Media Authority in this regard. The Committee also advised to include a member from New Zealand in the working group. Considering that there is lack of clarity in regulatory authority for RF it was agreed to include an annexure to the Code with information on who to contact if there is any confusion on jurisdictional authority.

Action 8: ARPANSA to explore options for a joint Australian and New Zealand revision of RPS 3 and to engage with the Australian Communications and Media Authority in this regard.

Action 9: ARPANSA to invite a member from New Zealand to be invited to the working group.

Action 10: The working group to develop an annexure to the Code with information on jurisdictional authority.

Action 11: The working group to present the draft revised RPS 3 at the next RHC meeting in October 2018.

Item 3.5 RHS 35 – Code of practice for the near-surface disposal of radioactive waste Dr Hirth / Dr Sarkar / Dr Larsson/ Mr Feldtman

Mr Feldtman provided an update on the status of the Disposal Code particularly on the resolution of comments received from stakeholders. Dr Larsson provided further clarification on the resolution of comments. Discussion took place on section 2.7- The Approval Process/Phases and subsection 3.1.13 under 'Consultation' regarding whether to revise and/or retain these sections. It was agreed to retain these sections as drafted. Minor editorial changes were discussed and accepted. The Committee advised the working group to check for consistency with RPS 16 *Safety Guide for the Predisposal Management of Radioactive Waste* (2008). Regarding interpretation of risk the Committee advised ARPANSA to prepare a guidance document in this regard.

The Members discussed the title of the Code considering the scope and objective of the code and it was agreed to use the following title:

Code for Disposal Facilities for Solid Radioactive Waste, Radiation Protection Series C-3 (RPS C-3)

The Members thanked Mr Feldtman and the working group for preparing this document.

The Committee approved this Code subject to the suggested amendments.

Action 12: The working group to finalise the document incorporating suggested amendments.

Action 13: ARPANSA to submit a guidance document on the concept of 'risk' and provide an update at the next RHC meeting in October 2018.

Action 14: Approve the "Code for Disposal Facilities for Solid Radioactive Waste (RPS C-3) incorporating suggested amendments for publication.

Item 3.6 Australian National Dose Register (ANRDR) Dr Tinker / Dr Lawrence

There was an action from the meeting in March 2018 that WA would advise the Members in July 2018 of their position on the ANRDR becoming an approved central record keeping agency for WA. Ms Upton advised the Members that WA was still waiting for legal advice acknowledging that they are supportive in principle of ANRDR becoming an approved central record keeping agency for WA. Ms Upton will report on progress at the next RHC meeting in October 2018.

Dr Lawrence provided a summary of the development process for regulator access to ANRDR and its benefits along with the funding model based on the Australian Health Ministers' Advisory Council (AHMAC) cost-sharing formula. Payments from jurisdictions would be expected to commence upon delivery of a successful working model of the ANRDR for regulator access approximately 12 months after project commencement. The initial cost will be managed by ARPANSA and will be recovered in the 2019-2020 financial year. The Members noted the benefits of the ANRDR regulator access and agreed in principle to the funding model, subject to negotiation of a Memorandum of Understanding (MoU) between all jurisdictions. It was agreed that the MoU would be signed by April 2019 and all jurisdictions will provide appropriate contacts to the ARPANSA Radiation Health Services (RHS) Branch in this regard. Mr Cleaves stated that he would provide an example of an MoU for consideration by the jurisdictions.

Action 15: Ms Upton to report on WA's position on the ANRDR the next RHC meeting in October 2018.

Action 16: Approve, in principle, the funding model for the development of ANRDR regulator access, subject to the negotiation of a Memorandum of Understanding between all jurisdictions.

Action 17: All jurisdictions to provide contacts for the MoU to ARPANSA

Action 18: Mr Cleaves to provide an example of an MoU to ARPANSA for subsequent consideration by all jurisdictions

Item 3.7 ISEMIR – Information System on Occupational Exposure in Medicine, Industry and Research Dr Tinker/Dr Lawrence

Dr Tinker and Dr Lawrence presented ARPANSA's proposed approach to promoting the IAEA ISEMIR project via the Australian National Dose Register (ANRDR) web pages, noting the synergies of ISEMIR and ANRDR. ISEMIR requires an annual submission of annualised dose records, along with other data, for employees of the organisation submitting data. Any organisation wanting to participate in the ISEMIR program could supply dose records to the ANRDR. ARPANSA aims to develop and publish the webpage by the end of September 2018.

Action 19: The Members approved ARPANSA's approach to promoting the IAEA ISEMIR project via the ANRDR webpage.

Item 3.8 Radiation Security Background Checking Framework Mr Carey / Mr Sheehy

Mr Carey provided a verbal update on the progress of the work on security background checking framework. The WG had discussed the possibility of using the existing systems available in Queensland and NSW. The WG agreed to explore the use of Auscheck Branch, Department of Home Affairs, which had previously assisted in setting up the aviation and maritime safety check card. The next meeting with Auscheck would be held on 3 August 2018. The WG will prepare an options paper describing the way forward and submit it at the next RHC meeting.

Action 20: Mr Carey to submit an options paper at the next RHC meeting in October 2018.

Item 3.9 Revision of Code: Safe Transport of Radioactive Material, RPS C-2 Dr Sarkar

Dr Sarkar provided the Members with the impact of changes in the 2018 Edition of RPS C-2, and the OBPR Preliminary Assessment of the revision of RPS C-2 adopting the 2018 Edition of the IAEA safety Standard SSR-6 (Rev.1). Jurisdictional Members were requested to consult their regulatory gatekeeper about the revision of RPS C-2 adopting the 2018 Edition of the IAEA Safety Standard SSR-6 (Rev.1) as required. The Committee endorsed the impact of changes and the OBPR Preliminary Assessment.

Action 21: Endorse the "Impact of Changes " as accurate and endorse the OBPR preliminary Assessment for the revision of the RPS C-2.

Action 22: Jurisdictional Members to consult their regulatory gatekeeper about the revision of the RPS C-2.

Action 23: Dr Sarkar to circulate RPS C-2 to the Members out-of-session once finalised subject to positive outcome from OBPR assessment.

Item 3.10 Guide: Closure Criteria for Mines Mr Feldtman

Mr Feldtman provided a verbal update on the development of this guide. He stated that he had not been able to call a meeting of the working group because of his availability and work commitment. However, Mr Feldtman will contact the working group in the near future and organise a meeting. Dr Hirth expressed her interest to be part of the working group and in contributing to the development of this document. Mr Feldtman will report on progress of the development this guide at the next RHC meeting in October 2018.

Action 24: Mr Feldtman to contact the working group to advance the work on the Guide.

Action 25: Appoint an additional member to the working group from ARPANSA

Action 26: Mr Feldtman to report on progress of the development of this guide at the next RHC meeting in October 2018.

Item 3.11 Accreditation of Personal Dosimetry Service Providers

Dr Lawrence

Dr Lawrence described the previous work performed by the RHC in relation to the accreditation of personal dosimetry service providers and the pending publication of the IAEA Safety Guide on Occupational Radiation Protection. With the expected publication of the IAEA Safety Guide the RHC was requested to re-establish a working group to finalise a national system for the accreditation of personal dosimetry service providers. This group will review the existing body of work; review and include as relevant the provisions of the Safety Guide; and report back to the RHC with a proposal for implementation. The Members noted that previous work had been performed by the RHC in this regard and approved the re-establishment of a working group. Mr Cleaves will be the RHC Project sponsor and VIC will nominate another person to the working group. SA will also nominate a member. QLD nominated Mr Stephen Carter to this working group.

It was noted that there could be a potential for conflict of interest for ARPANSA on this issue, as it is a personal dosimetry service provider. In order to avoid any real or perceived conflict of interest it was suggested that the nominee from ARPANSA on this working group come from ARPANSA's Regulatory Services Branch. All nominations to be sent to the Secretariat by 28 July 2018.

After-note: On 25 July 2018, Mr Critchley confirmed the nomination of Mr Carter to the working group.

Action 27: Approve the re-establishment of the working group to complete the development of a national accreditation system for personal dosimetry service providers. Mr Noel Cleaves was appointed as RHC Project Manager

Action 28: VIC, SA and ARPANSA Regulatory Services Branch to nominate a member from each jurisdiction by 28 July 2018.

4. General Information Items

Item 4.1 Roles and Expectations for ARPANSA Committee Members

Dr Larsson

Dr Larsson advised that the document on Roles and Expectations for ARPANSA Committee Members was updated incorporating comments from committee members and the document was placed on the ARPANSA website. Dr Larsson also informed the RHC about the status of appointments to the Radiation Health and Safety Advisory Council.

Item 4.2 National Uniformity Program

Dr Sarkar

Dr Sarkar advised that ARPANSA's Regulatory Services Branch had been realigned to increase emphasis on national uniformity, and the National Codes and Standards Section had been created to manage the program. An ARPANSA National Uniformity Coordination Group comprising members of various organisational units of ARPANSA had been established. This group will provide advice and guidance on the national uniformity program and the lifecycle of the ARPANSA Codes. The first attempt of a mapping exercise related to the codes and guides, in the light of international standards had been performed, which will be considered in the next one-year and four-plan for the national uniformity program. Dr Sarkar will report on the progress of the national uniformity program at the next RHC meeting.

Action 29. Dr Sarkar to report on the progress of the national uniformity program at the next RHC meeting in October 2018.

Item 4.3 International Liaison

Mr Wahl

Mr Hemsley provided the Members with a verbal update on ARPANSA's International Engagement activities including the following:

- ARPANSA led the delegation to the Sixth Review Meeting under the Terms of the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management, held in Vienna 21 May – 1 June 2018. Australia provided one of the two Vice-Presidents (Dr Geoff Williams) and a representative (Dr Fiona Charalambous) to act in the Officer's role of Rapporteur of Country Group 3. Australia was represented by: Dr Gillian Hirth, Dr Samir Sarkar, Dr Geoff Williams, Ms Julia Carpenter, Dr Fiona Charalambous (ARPANSA); Mr Peter McGlenn and Mr Duncan Kemp (ANSTO), and Dr Kath Smith (ANSTO Vienna Post). Australia's strong engagement at the 6th Review Meeting demonstrates that Australia, as a Contracting Party, continues to meet its obligations under the Joint Convention. Australia's National report was well received at the meeting. Australia's leadership and the support of all jurisdictions in the preparation of the national report, and Australia's provision of Officers for the Review Meeting, is a significant commitment and reinforces Australia's reputation as a leader internationally in promoting global commitment to the principles of the Joint Convention. During the plenary session in week two Australia proposed to hold an Extraordinary Meeting prior to the Organisational Meeting of the 7th Review meeting. This Extraordinary Meeting will allow for discussion on possible ways to improve procedural mechanisms of the Joint Convention, and to identify and eliminate technical discrepancies between existing procedural documents of the Joint Convention
- The Secretary position of the United Nations Scientific Committee on the Effects of Atomic Radiation (UNSCEAR) has not been filled yet.
- IAEA Guidance on the Management of Disused Radioactive Sources, which is supplementary to the Code of Conduct in the Safety and Security of Radioactive Sources. The IAEA is requesting Member States to make a political commitment in favour of the guidance document at the 2018 IAEA General Conference, in September 2018. The guidance document will be sent to RHC Members for comments.
- ARPANSA will attend the General Conference to be held in September 2018 as part of the Australian Delegation and there will be a number of bilateral engagements with other organisations.

Action 30: The Members to provide comment on the IAEA Guidance to Mr Hemsley by 17 August 2018.

Item 4.4 Practical Arrangements between the IAEA and ARPANSA

Dr Hirth

Dr Hirth advised that the IAEA and ARPANSA have agreed to set forth a framework for cooperation in the area of Occupational Radiation Protection in Naturally Occurring Radioactive Material (NORM) Industries. The agreed activities include: cooperation on the development of the "Training Package on Occupational Radiation Protection in Uranium Mining and Processing Industry" and cooperation on the review and re-design of the global survey on "Information System on Occupational Radiation protection in Uranium Mining (UMEX)".

Action 31: The Members noted the agreement of the proposed work plan between the IAEA and ARPANSA to implement the practical arrangements.

Item 4.5 Nuclear Safety Committee (NSC) Update

Dr Wriedt

Dr Wriedt provided an update on the NSC meeting held on 22 June 2018. She informed about the passing of the NSC Member Dr Robert Lee and that the NSC had acknowledged his contribution to the understanding of human factors and systems safety in ARPANSA's regulatory decisions. Consideration of human factors in design and critical controls for operation were discussed at that meeting. The NSC members supported the intention of the CEO of ARPANSA to issue a direction to ANSTO that includes taking immediate steps to initiate an independent review of the approach to occupational radiation safety of processes and operational procedures at ANSTO Health, related to quality control procedure (this direction was subsequently issued on 29 June 2018).

5. Closing

Item 5.1 Any other business

Dr Drummond

Item 5.1.1 X-ray scanner on Human imaging at Airports

Dr Newbery

Dr Newbery drew members' attention to the Federal Budget announcement of funds to expand airport scanning of passengers. There is no detail as to whether this will involve ionising radiation or non-ionising radiation scanning. He reminded the Members about the existing ARPANSA's Regulatory Guides, which can be applied across all jurisdictions. For example, Regulatory Guidance: *Justification and optimisation of practices - Human imaging for security screening purposes using ionising radiation*, Regulatory Guide: *Wipe Testing of Sealed Sources & Use of Sealed Sources beyond Recommended Working Life*. Dr Newbery suggested to explore the mechanism of using existing ARPANSA documents in all jurisdictions. In addition, it was also suggested to check the RHC archives for historical RHC statements that may provide valuable regulatory insights. The Secretariat will check the archives and report to the next RHC meeting.

Action 32: The Secretariat to provide a list of historical RHC statements at the next RHC meeting in October 2018.

Item 5.1.2 Update on Joint External Evaluation

Dr Hirth

Dr Hirth informed the Members of the publication of the final outcomes from the 2017 WHO Joint External Evaluation (JEE). She referred to the follow up action plan for the recommendations, specifically relevant to the RHC Members, which resulted from the JEE. She proposed to undertake this work through the RHC. More details will be provided at the next RHC meeting with a proposed RHC work plan. The Members noted the status of the outcomes of the JEE.

Action 33: Dr Hirth to provide more details on JEE with a proposed RHC work plan at the next RHC meeting in October 2018.

Item 5.1.3 Sealed Source Register

All Members

Discussion took place on reinstating the national sealed source register, which discontinued being used a while ago. Members agreed to take steps towards reinstating the national sealed source register, noting that a number of jurisdictions had spent a significant amount of resources in the development of this register. It was suggested to present a paper describing the proposed actions to reinstate the national sealed source register.

Action 34: ARPANSA to submit a paper on the proposed actions to reinstate the national sealed source register at the next RHC meeting in October 2018.

Item 5.1.4 Low Dose Radiation Research

Assoc. Prof. Hooker

Assoc. Prof. Hooker informed that a considerable amount of research is being undertaken on low dose/dose rate radiation effects around the world. He referred to an upcoming seminar on Applicability of Radiation Response Models to Dose Protection Standards which will be held during 30 September to 3 October 2018 in Washington. Assoc. Prof. Hooker was invited to speak at the seminar. He would circulate the information to Members about this seminar.

After-note: On 23 July 2018 Assoc. Prof. Hooker circulated the information about the seminar to the Members.

Item 5.1.5 Comment on IAEA Draft Documents

Dr Sarkar

Dr Sarkar provided an update on draft IAEA documents. The update included: Safety Guide: *Management of Radioactive Residues from Uranium Production and other NORM Activities* (DS459), Safety Guide: *The Management System for the Predisposal and Disposal of Radioactive Waste* (DS477), Safety Guide on Exemption (DS499), Safety

Guide on Clearance (DS500), review of WS-G-5.1 (*Release of Sites from Regulatory Control on Termination of Practices*) and the draft Safety Report on *Living and Working in Areas Affected by Past Nuclear or Radiological Events and Activities: Experiences from Affected Areas*. He requested jurisdictional Members to provide comment on the use of WS-G-5.1, including any particular aspect needing to be considered in the revision or additional consideration for release of the site. Dr Sarkar said he would send the request to Members after the meeting.

After-note: On 30th July Dr Sarkar sent an email to the Members requesting comment on WS-G-5.1

Action 35: Jurisdictional Members to provide comment on WS-G-5.1 to Dr Sarkar by 28 September 2018.

Item 5.2 Next Meeting 9/10 October 2018

Dr Drummond

Dr Drummond closed the meeting by thanking Dr Newbery for the excellent arrangements in hosting the RHC meeting in Hobart.

The next RHC meeting will take place in Melbourne during 9–10 October 2018.

The meeting closed at 1:30 pm on 18 July 2018.