

Summary Record of the Meeting of WPEC SG-C/Expert Group on the High Priority Request List for Nuclear Data (EGHPRL)

OECD Headquarters, 2 rue de André Pascal, Paris, France

15 May 2017

The coordinator, **E. Dupont** welcomed the participants to the meeting (see list in **Appendix 1**). **O. Cabellos** acts as Secretary. The proposed agenda was adopted (see **Appendix 2**).

The SG-C membership was reviewed, and A. Kimura was introduced as JENDL representative.

1. SUMMARY

The current Expert Group SG-C mandate runs until June 2018. There are two deliverables:

- (1) an up-to-date online version of the HPRL;
- (2) a report on the status of all requests describing completed activities and outlook.

Participants discussed Special Purpose Quantity (SPQ) request from IAEA to improve dosimetry cross-sections (more than 50 new entries).

Possible new/missing requests were discussed in various application areas (e.g. nubar ^{239}Pu), but no formal request has been received so far. NSC Working Parties or Expert Groups relative to reactor physics and radioactive waste management may have some needs relevant for HPRL.

Participants agreed to contact end-users in order to finalize requests. S. Simakov mentioned the need to improve 39K activation cross sections that was recently discussed in the fusion community. In addition, priority needs for standards and for non-energy applications should be checked in close cooperation with IAEA.

Concerning the status report, it is proposed to update first the online HPRL with relevant information on experimental, theoretical and evaluation/validation activities, i.e., everything that is being compiled in the feedback document started in May-June 2016. The final feedback document will be the basis for a more complete status report.

2. TENTATIVE SCHEDULE AND ACTIONS

- NEA: upload slides and release a formal summary record of the meeting
- NEA: add to SG-C mailing list A. Kimura (as JENDL representative)
- NEA: add to SG-C mailing list M.C. White, R. Capote, A. Trkov (as participants to SG-C activities, pending possible nomination by WPEC delegates)
- NEA: check whether some of the NSC bodies have priority needs relevant for HPRL
- ED: contact IAEA to investigate the priority needs for more accurate/extended standards and for non-energy applications
- All: contact end-users with the aim to finalize requests
- All: send necessary additions to the feedback document

2017 June-July

- NEA-ED: update the website to include SPQ requests (template, guidelines, etc.)
- NEA-ED: add IAEA dosimetry requests to the HPRL with pending status

2017 September

- All: review/approve IAEA dosimetry requests entered in the HPRL
- ED: circulate to SG-C members the latest version of the feedback document for final review
- ED: circulate to the HPRL community the final version of the feedback document for information/comments

2017 October

- NEA: update the online entry status with contents of the feedback document

2017 December

- ED: circulate to SG-C members a first draft proposal of the status report

2018

- Publication of the status report
- Communication on SG-C/HPRL purpose and status in news letters/magazines

3. NEXT MEETING

It is proposed to hold the next WPEC/EG-HPRL (SG-C) meeting in conjunction with WPEC meetings during the next WPEC Nuclear Data Week at the OECD/NEA Headquarters, **May 14-18, 2018**.

Appendix 1

Participants to the meeting of WPEC/EG-HPRL (SG-C)

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Proposed Agenda

<h1>Agenda</h1> <h2>NEA Nuclear Data High Priority Request List</h2> <h3><u>SG-C</u></h3> <p>OECD Headquarters Conference Center 2 Rue André Pascal, Paris 75016</p> <p>Room E</p> <p>Starting at 13:30h – Ending at 18:00h</p>		
<p><i>Please note: Only registered participants with a valid ID card or passport will be allowed access to OECD premises.</i></p>		
<h3>Monday, May 15, 2016</h3>		
13:30 – 18:00	<p>Welcome</p>	<p>E Dupont O. Cabellos</p>
	<ul style="list-style-type: none"> • Membership • Ongoing/planned actions <ul style="list-style-type: none"> ○ SPQ requests from S.Simakov ○ Missing HP/GP requests for nuclear energy (fission and fusion) ○ Identify possible new requests (SPQ and non-energy application) ○ Update of the website • Review of the recent activities relevant to current entries • Publication of the status report 	
15:30 – 16:00	Coffee Break	