



NATIONAL COUNCIL ON RADIATION PROTECTION AND MEASUREMENTS

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AGENDA

**Meeting of Program Area Committee 2
Operational Radiation Safety
Sunday March 4, 2018; 8:30 AM
Congressional Room
Hyatt Regency Bethesda
Bethesda, Maryland**

8:30 AM	Welcome	Pryor
8:35	Remarks from the President and Executive Director	Boice/Held
8:50	CC 1 update from the Chairs	Cool/Kase
9:10	Introductory remarks/status of SC 2-7, Radiation Safety Aspects of Sealed Radioactive Sources	Pryor
9:30	Discussion of ideas for next projects	All
Noon	Lunch	All
1:00 PM	Continue discussion of next projects	All
2:15	Summary of assignments	Pryor
2:30	Adjourn and move to general PAC session	All

Call in number: 800 371 9219
Conference ID 1890019#
Leader PIN - 1224

Attendees: Ed Bailey, Chris Donahue, Eric Goldin, Barbara Hamrick, Mike Littleton, Dave Myers, John Poston (phone), Kathy Pryor, Debra Scroggs, Kathy Shingleton, Glenn Sturchio, Jim Willison, Josh Walkowicz (phone) Jim Yusko (phone). **Absent:** John Frazier. **Guests:** John Boice, Don Cool, Kathy Held, Ken Kase.

The meeting was called to order at 8:30 am. Kathy Pryor welcomed the group and thanked committee members for attending.

Visit from the President and Executive Director:

President John Boice and Executive Director Kathy Held visited the PAC 2 meeting. Dr. Boice thanked the committee for our hard work and again complimented PAC 2 on our ability to produce reports without significant financial support. He informed the committee that the typical report costs approximately \$500K to produce, while a commentary costs roughly \$250K. Much of this cost is travel support for a separate writing committee and the use of staff consultants. Funding is an issue and NCRP does not want to start new projects without first obtaining funding. Dr. Boice indicated that initiating a new PAC 2 project would likely be approved if we continue our practice of writing the reports ourselves. Dr. Held informed the committee that SC 2-7, Radiation Safety of Sealed Radioactive Sources, was in the queue to be prepared for publication, but was behind a couple of other more critical reports.

Update on CC 1 Report, Radiation Protection Guidance for the United States:

Don Cool and Ken Kase, Co-Chairs of CC 1, visited the committee and provided us with status on the report. They thanked PAC 2 for the comments that we had submitted, particularly on making the language clear and understandable. The report is being prepared for publication. Dr. Cool informed the committee that he would be giving a presentation on the final version of the report at the NCRP business meeting on Tuesday, March 6, 2018. Drs. Kase and Cool provided some highlights of that presentation. The final report was much shorter and more concise than the version reviewed by the PACs and the Council. Dr. Kase pointed the committee to pay particular attention to section 3 on the system of radiation protection. The report attempts to de-emphasize dose limits and provides a set of numeric protection criteria - doses which should not be exceeded. Some of these are suitable to use as regulatory dose limits while others are not intended to be used this way. The report provides recommendations on doses in medical settings for caregivers and for participating in research as patients. In the case of first responders, the focus is on acute effects and not on future cancers.

PAC 2 membership:

We discussed the issue of adding new members to PAC 2. The most important consideration is that members need to be willing and able to write reports. We also need to review the current membership and identify operational disciplines that are currently underrepresented on the committee.

Future projects:

A number of scope statements have been approved by the Board many years ago and carried on our list of approved projects. There was no clear need identified for most of these projects. We will notify Laura to remove those from our future project list.

The proposal on XRF analyzers was prepared in 2013 but was not submitted to the Board for approval at that time. The current membership of PAC 2 does not include in-depth expertise on XRF analyzers and an outside technical consultant would likely be needed. Issues associated with the use of XRF

analyzers were discussed, but it was not clear that a report or commentary would be read by users of the devices.

The concept of revising Report No. 127, Operational Radiation Safety Program, was proposed. This report is 20 years old and many of the references are outdated. Report No. 180 (CC 1) on Radiation Protection Guidance for the United States will be issued in the next few months and it would be helpful to provide guidance on how to incorporate the new guidance into radiation safety programs. Report No. 127 has been useful as a road map to setting up a new radiation safety program. It has been one of the more popular reports and is available at a minimal cost. The committee discussed expanding the report to include other types of radiation safety programs, such as medical health physics and radiation-generating devices. A revision to Report No. 127 could be useful to regulatory agencies in providing guidance to integrate Report No. 180 into their documents (e.g., NUREGs, DOE Standards).

The committee prepared a rough draft of the proposal to revise Report No. 127.

Path Forward:

Kathy Pryor will send the draft proposal for revision of Report No. 127 to the committee for comment and then will submit the proposal to the Board of Directors for approval. If approved, the committee will develop an outline for the new report and begin assigning sections for review and revision.

The committee will schedule a PAC 2 meeting at the HPS Annual Meeting in Cleveland, OH in July 2018.