

**National Council on Radiation
Protection and Measurements (NCRP)
Scientific Program and Collaboration
with ICRP**



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Thomas S. Tenforde
NCRP President

**ICRP Symposium on the International
System of Radiological Protection
October 24-26, 2011
Bethesda, Maryland**

Congratulations to ICRP!

- **NCRP congratulates ICRP on organizing this Symposium on the important and timely subject of the International System of Radiological Protection.**
- **The topics to be discussed by participants from around the world will address the major issues that were considered in developing the ICRP International System, including radiation safety standards, exposure guidelines, regulations, and policies and practices worldwide.**



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Focal Areas of NCRP Reports and Conferences and Interests in Common With ICRP

**Homeland Security:
Nuclear/Radiological
Terrorism
Countermeasures**

**Radiation Protection
in Medicine**

**Radiation
Dosimetry &
Measurements**



**Radiation Bioeffects:
Mechanisms &
Dose Response**

**Operational &
Environmental
Radiation Safety**

**Nuclear Energy &
Health/Environmental
Protection**

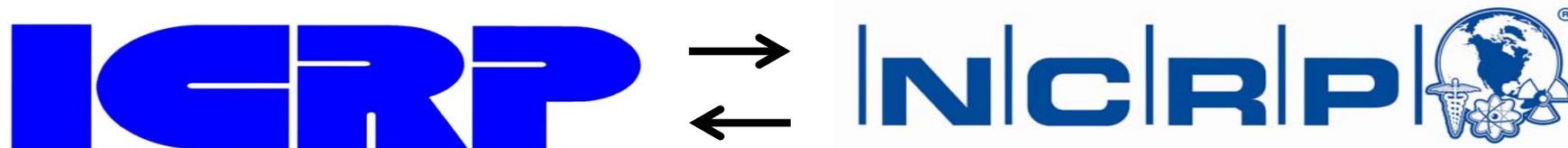
NCRP Operational Structure & Procedures



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- The main components of ICRP's operational structure are the **Main Commission** and five **Scientific Committees** that have expertise in important areas of radiation protection
- NCRP has a somewhat more complex operational structure than ICRP, but with similar objectives:
 - NCRP has a 100-member scientific **Council** representing expertise in major areas of radiation health and environmental protection, dosimetry, and measurements.
 - The Council serves as a resource for recommending new report and conference activities, and for providing critical peer reviews of all publications in a draft stage.
 - Thirteen members of the Council serve on the **NCRP Board of Directors** that provides guidance on NCRP's programs and operations (comparable to the ICRP Main Commission).
 - **Six Program Area Committees** headed by Vice Presidents provide guidance and oversight for new and ongoing report and conference activities (comparable to ICRP Scientific Committees).

Synergy in the Interests and Reports Issued by NCRP and ICRP



Areas of Common Interest and Focus in Recent NCRP and ICRP Publications Include:

- **Radiation protection in medicine**
- **Preparation for and countermeasures against nuclear and radiological terrorism incidents**
- **Basic principles and uncertainty analysis in dosimetry**
- **Biological interactions and potential health effects of human exposures to low-dose ionizing radiation in industry, medicine, and other public and environmental venues**

Concluding Remarks

- Collaborative efforts between NCRP and ICRP have increased in recent years through mutual representation of both organizations on scientific and operational committees.
- A continuing dialogue between NCRP and ICRP will be important for expanding these mutually beneficial activities in the future.
- Again, congratulations to ICRP for organizing this important Symposium, and I speak for many members of NCRP when I state that we are looking forward with enthusiasm to the presentations and discussions that will occur over the next 2.5 days.



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