

Adopting the International **S**ystem of Units for Radiation Measurements in the United States

Day 1: September 29, 2016

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Workshop Organizing Committee

Steven L. Simon, *Chair*
National Cancer Institute

Daniel J. Blumenthal
U.S. Department of Energy

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U.S. Nuclear Regulatory Commission

Mark L. Maiello
New York City Department of Health and Mental Hygiene

Ruth E. McBurney
Conference of Radiation Control Program Directors, Inc.

Jessica Wieder
U.S. Environmental Protection Agency

Statement of Task (abbreviated)

Workshop participants will discuss:

- **Improvements in the effectiveness** of responding to national and international radiation emergencies and **communicating** with the public and among radiation experts associated with adopting the SI units of radiation measurements.
- **International experiences in adopting** the exclusive use of SI units of radiation measurements and lessons learned for successful transition.
- **Steps needed to adopt** the exclusive use of SI units of radiation measurements in the United States in terms of timing, implementation, and ways to overcome or manage technical, economic, and policy barriers.

The workshop is sponsored by the Centers for Disease Control and Prevention.

Agenda at a Glance

- ✓ **Current Practices in Utilization of Units for Radiation Measurements** Day 1
- ✓ **Potential Communication Improvements Associated with Adopting the SI Units** Day 1
- ✓ **Practical Considerations of Adopting the SI Units** Day 1
- ✓ **Cost-Benefit Analysis Considerations** Day 2
- ✓ **Lessons Learned** Day 2
- ✓ **Next Steps** Day 2

Presenters at a Glance

- Federal government (OSTP, CDC, DOD, DOE, EPA, NCI, NRC, NIST)
- State government
- National Laboratories
- Advisory bodies
- Medical Settings
- Industries (nuclear, instrumentation)
- Academia
- International

Audience participation highly encouraged

Welcome!

Join Us Tomorrow

Day 2

- ✓ **Cost-Benefit Analysis Considerations**
- ✓ **Lessons Learned from**
 - **Medicine**
 - **Canada**
 - **UK**
 - **European Commission**
- ✓ **Next Steps**

Adopting the **I**nternational **S**ystem of Units for Radiation Measurements in the United States

Day 2: September 30, 2016

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Agenda at a Glance

Day 2

- ✓ **Cost-Benefit Analysis Considerations**
- ✓ **Lessons Learned from**
 - **Medicine**
 - **Canada**
 - **UK**
 - **European Commission**
- ✓ **Next Steps**