



## RIC 2011 Radiation Protection

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U.S. Nuclear Regulatory Commission  
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### Background



- ICRP revised recommendations in late 2007
- NRC staff analysis indicated areas warranting consideration for revisions
- Commission approved recommendation April 2, 2009

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### Outreach Activities

- Phase I included:
  - Presentations
  - FRN (72 FR 32198)
  - Dedicated web address for comments  
[Regs4RP@nrc.gov](mailto:Regs4RP@nrc.gov)



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### Outreach Activities



- Phase II Workshops
  - FRN published with issues and questions (75 FR 59160)
  - Workshops in Washington, Los Angeles, and Houston
  - Comments accepted through January 31, 2011

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### What Did We Hear?

- Participants from the wide diversity of NRC licensed activities
- Active participation
- Common themes in each workshop



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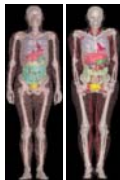
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### TED and Numerical Values

- General support for updating numerical values and scientific base
- Mixed views on terminology
- Wait for dose coefficients
- Regulatory Guide?



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### Occupational Dose Limits

- Little support for change to regulation
  - Individuals above 20 mSv/yr (2 rem)
  - Standard of Care
  - ALARA works
  - Scientific Basis



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### Special Populations



- Embryo/Fetus (Occupational)
  - Mixed feedback
  - Current limit not an issue
  - Options don't change protection
  - Challenge to detection capabilities
- Public Exposure alternatives have not been used

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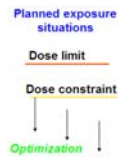
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### ALARA Planning

- Most licensees do planning, use criteria
- Little support for "constraint"
- De facto limit?
- Inspection expectations?



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### Future Plans



- Phase III – Validation and analysis, Spring 2011
- Staff recommendations – Fall 2011
- Development of Technical Basis

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### Staff Recommendation?

- “Too soon to tell”
- You still have the opportunity to give us:
  - Positions
  - Rationale
  - Arguments



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### Let Us Know

- Web pages  
<http://www.nrc.gov/about-nrc/regulatory/rulemaking/opt-revise.html>
- Email Address: [regs4rp@nrc.gov](mailto:regs4rp@nrc.gov)



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