Recommendations for Policy and Technical Direction to Revise Radiation Protection Regulations and Guidance
SECY-12-0064

Interagency Steering Committee on Radiation Standards
May 1, 2013
SRM-SECY-12-0064

• Staff Recommendations – SECY-12-0064, April 25, 2012

• The Commission issued the Staff Requirements Memorandum (SRM) to the staff on December 17, 2012.

• The Commission approved in part, and disapproved in part, the staff’s recommendation from SECY-12-0064.

• Staff is moving forward to implement the Commission’s direction.
Areas of Work

• Updated Methodology and Terminology
• Part 20 (Standards for Protection Against Ionizing Radiation) Technical Issues
• Part 50, Appendix I (Numerical Guidelines for Design Objectives to meet ALARA) Technical Issues
• Conforming Changes to other portions of the Regulations
Updated Methodology and Terminology

• Commission Direction:
  – Develop a regulatory basis for a revision to 10 CFR Part 20 to align with the most recent methodology and terminology for dose assessment.

• Key Staff Actions:
  – Develop specific deliverables to support 10 CFR Part 20, Appendix B and 10 CFR Part 50, Appendix I.
  – Coordination with EPA and other Federal Agencies with objective of coherent use across Federal Government.
10 CFR Part 20 Technical Issues

• Commission Direction:
  – Occupational Effective Dose Limit (5 rem (50 mSv)) – No change
  – Continue discussions with stakeholders regarding possible revisions to
    the dose limit (15 rem (150 mSv)) for the lens of the eye
  – Continue discussions with stakeholders regarding possible revisions to
    the dose limit (0.5 rem (5 mSv)) for embryo/fetus
  – Continue discussions with stakeholders on alternative approaches to deal
    with individual protection at or near the current effective dose limit.
  – Disapproved the elimination of traditional units from NRC regulations.
    Both traditional and SI units should be maintained.
  – Improve reporting of occupational exposure by NRC and Agreement
    State licensees, some of which do not currently submit reports.
10 CFR Part 20 Technical Issues

• Key Staff Actions:
  – Engage Federal Agencies, States, licensees, and with public stakeholders on each of the topics.
    • Conference of Radiation Control Program Directors Annual Meeting
    • International Dosimetry Conference
    • Health Physics Society Annual Meeting
    • Master Material License Counterpart Annual Meeting
    • Nuclear Energy Institute Radiation Protection Forum
    • American Association of Physicists in Medicine
    • Organization of Agreement States Annual Meeting
  – Develop Federal Register Notice with specific proposed options and questions.
    • Plan to publish for inputs early summer
    • All comments to be docketed
## 10 CFR Part 20: Proposed Project Schedule

<table>
<thead>
<tr>
<th>TASKS</th>
<th>DATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial Planning Activities</td>
<td></td>
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<tr>
<td>1\textsuperscript{st} Round of Stakeholder Outreach Activities</td>
<td>Summer 2013</td>
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<tr>
<td>Summarize and Address Comments</td>
<td>Fall 2013</td>
</tr>
<tr>
<td>2\textsuperscript{nd} Round of Stakeholder Outreach Activities</td>
<td>Spring – Summer 2014</td>
</tr>
<tr>
<td>Summarize and Address Comments</td>
<td>Fall 2014</td>
</tr>
<tr>
<td>Prepare Regulatory Basis</td>
<td>2015</td>
</tr>
</tbody>
</table>
Questions?