Introduction

• Radiation Protection Program regulates two sources of radiation:
  
  1. **Radioactive Material** includes any materials or sources, regardless of chemical or physical state, that emit radiation;
  
  2. **Radiation Machines** means any device that is capable of producing radiation; radiation includes particulate and electromagnetic radiation and ultrasound, but does not include audible sound.

• Proposed Revisions to 20.3 NMAC affect mainly
  
  **Radioactive Material License Program**
Authority and Obligations

• Authority:
  Statutory 74-3 NMSA 1978 “Radiation Protection Act”. The State of New Mexico administers the Radiation Protection Program through an Agreement between Nuclear Regulatory Commission (NRC) and State of New Mexico
  NEW MEXICO is an AGREEMENT STATE

• NRC Requirements:
  New Mexico must maintain Compatible and Adequately Staffed Program
  ✓ Regulations Compatibility
  ✓ Deadline for Adoption of Required Regulations
Basis for Proposed Revisions

1. To Align with Required Federal Revisions
   ⇒Affects all revised parts

2. To Repeal Outdated/Irrelevant Rules, to Correct Typographical Errors, to Implement New Formatting, to Reorganize Rules
   ⇒Affects all revised parts
### RATS (Regulation Assessment Tracking System)

**Required to be Adopted by Agreement States**

<table>
<thead>
<tr>
<th>RATS ID</th>
<th>NRC Identification 10CFR</th>
<th>Due Dates for State Adoption</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004-1</td>
<td>Requirements for expanded definition of byproduct material, Parts 20, 30, 31, 32, 33, 35, 50, 61, 62, 72, 110, 150, 170, and 171.</td>
<td>10/01/2007</td>
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<td>2007-3</td>
<td>Requirements for expanded definition of byproduct material, Parts 20, 30, 31, 32, 33, 35, 50, 61, 62, 72, 110, 150, 170, and 171.</td>
<td>11/30/2010</td>
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<tr>
<td>2008-1</td>
<td>Occupational dose records, labeling containers, and total effective dose equivalents, Parts 19 and 20</td>
<td>2/15/2011</td>
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<tr>
<td>2009-1</td>
<td>Medical use of byproduct material – authorized use certification, Part 35</td>
<td>9/28/2012</td>
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</tbody>
</table>
Regulations not required for adoption but required for compatibility

• Most of sections in 10 CFR Part 39 - correspond to 20.3.12 NMAC

• Inconsistency and difference in definitions and requirements between NRC and NM State Program
Nuclear Regulatory Commission
Compatibility Categories

NRC Regulations contain Compatibility Categories associated with Agreement States Adoption of NRC Regulations

- **Compatibility:**
  - A, B, & C - Categories **Required** for Compatibility
  - D - Category Not Required for Compatibility

- **Adequacy:**
  - H & S - Indicator **Required** for Adequate Program
NRC approved the proposed revisions which we are here to discuss.
20.3.3 NMAC Licensing of Radioactive Material

1. 20.3.3.302 NMAC - RATS 2007-3;
2. 20.3.3.306 NMAC - RATS 2004-1;
3. 20.3.3.317 NMAC – language correction;
4. 20.3.3.331 NMAC – outdated language
20.3.4 NMAC Standard For Protection Against Radiation

1. 20.3.4.7 NMAC - RATS 2008-1;
2. 20.3.4.405 NMAC - RATS 2008-1;
3. 20.3.4.409 NMAC - RATS 2008-1;
4. 20.3.4.440 NMAC – language clarification;
5. 20.3.4.457 NMAC - RATS 2008-1.
20.3.10 NMAC Notices, Instructions and Reports to Workers: Inspections

1. 20.3.10.7 NMAC - definitions;

2. 20.3.10.1003 NMAC - RATS 2008-1;

3. All sections – formatting and language revisions.
20.3.12 NMAC Radiation Safety Requirements for Licenses and Radiation Safety Requirements for Well Logging

1. Change in title = 10 CFR 39;

2. 20.3.12.7 revised definitions = 10 CFR 39.2;

3. New rule: 20.3.12.8 = 10 CFR 39.11;

20.3.12 NMAC Radiation Safety Requirements for Licenses and Radiation Safety Requirements for Well Logging

5. 20.3.12.10.A(1) \equiv 10 \text{ CFR 39.15};

6. 20.3.12.11 \equiv 10 \text{ CFR 39.61};

7. 20.3.12.12 \equiv 10 \text{ CFR 39.63};

8. 20.3.12.14 \equiv 10 \text{ CFR 39.67};

9. New rule: 20.3.12.15 \equiv 10 \text{ CFR 39.69};
20.3.12 NMAC Radiation Safety Requirements for Licenses and Radiation Safety Requirements for Well Logging

10. 20.3.12.16 \equiv 10 \text{ CFR 39.31};

11. 20.3.12.17 \equiv 10 \text{ CFR 39.33};

12. 20.3.12.18 \equiv 10 \text{ CFR 39.35};

13. 20.3.12.22 \equiv 10 \text{ CFR 39.43};
20.3.12 NMAC Radiation Safety Requirements for Licenses and Radiation Safety Requirements for Well Logging

14. 20.3.12.23 \equiv 10 \text{ CFR 39.45};

15. New rule: 20.3.12.24 \equiv 10 \text{ CFR 39.47};

16. New rule: 20.3.13.26 \equiv 10 \text{ CFR 39.51};

17. 20.3.12.29 \equiv 10 \text{ CFR 39.71}.
Conclusion

This concludes the PowerPoint presentation.