• Section 274 of AEA
• Define Materials Program
• Where Are We Today
• Where Will We Wind Up
• How Do We Get There
PURPOSE OF SECTION 274

- Recognize State Interests - Clarify Responsibilities
- Cooperation Between States and Commission
- Promote Orderly Regulatory Pattern
- Discontinue Commission Responsibilities - Assumption by States
- Coordinate Development of Radiation Standards
- As States Improve Their Capabilities to Regulate Effectively
• Section 274 (d) - Governor Certifies Program - State Assumes Commission Transfers if Program Meets Subsection O, Compatible and Adequate

• Section 274 (g) - Cooperation on Radiation Standards

• Section 274 (i) - Cooperate on Inspections, Other Functions, Training

• Section 274 (j) - Provides for Commission Oversight of Agreement
WHAT IS THE MATERIALS PROGRAM

- Technical Bases - Fundamental Science and Operational Experience
- Legislation
- Regulations
- Licensing - Permitting, Registration
- Inspection - Conformation, Reporting
- Enforcement - Corrective Action, Remediation
- Feedback - Operational Experience
INFRASTRUCTURE SUPPORT

• Hardware
  – Instruments, Facilities, Laboratories
  – Standards - Radiation and Radioactive Material
• Software
  – Education
  – Training
  – Analytical Software
  – Procedures, Standards of Practice, How to’s
  – Link to Technical Bases - UNSCEAR, ICRP, IAEA, BEIR, NEA, NCRP
  – Certification of Competence
WHERE ARE WE

- Most Licensees 3/1 Are Agreement States Licensees
- Most Programs Are Supported Wholly or in Part on Licensee Fees
- Reasonable Consensus on Commission Oversight Based on IMPEP
- Agreement States Have Had Greater Role in Materials Regulation and Program Infrastructure Support Since Beginning of IMPEP Program
WHERE ARE WE GOING - NATIONAL MATERIALS PROGRAM

- We Are Asymptotically Approaching 100% Agreement States
- What Function Are the Minimum NRC Must Do Under the AEA
- What Functions are Desirable for the NRC to Do
- What Would the Resulting Program Look Like
- What Would it Cost
- How Would it be Funded
- Recognize the Functions That the NRC Would Perform to Meet its Remaining Regulatory Mission - Reactor Radiation Protection
- What Legislation is Needed