

Session 3:

Common Themes from Day One

Summary of key points by the committee:

John Applegate

Larry Camper

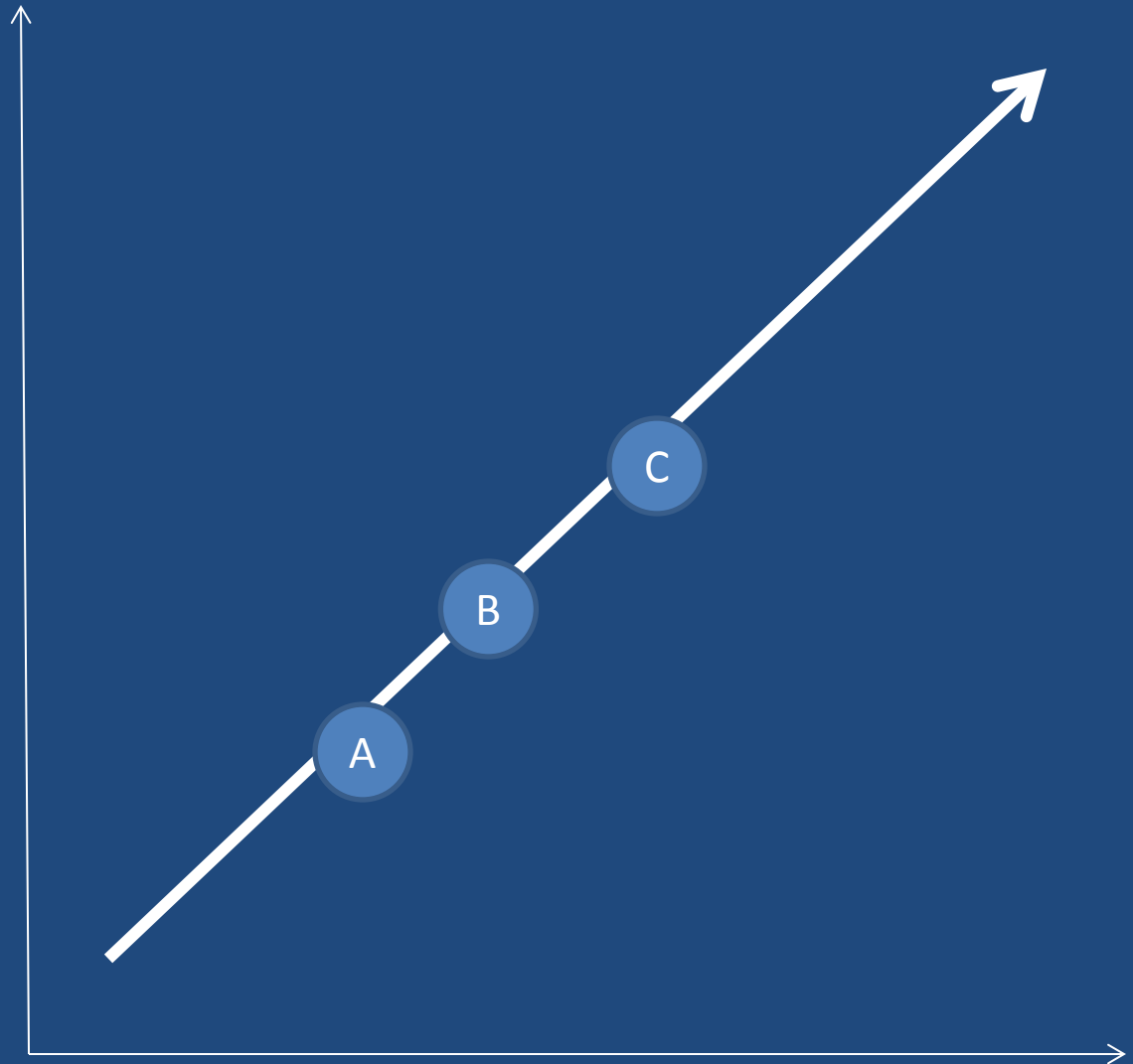
Nina Rosenberg

Rebecca Robbins

- The Problem
 - Challenging wastes
 - Difficult decisions
- The Given Framework
 - Classification scheme
 - Safety standard (intruder dose level)
- How do we get from the current classification scheme to the safety standard?

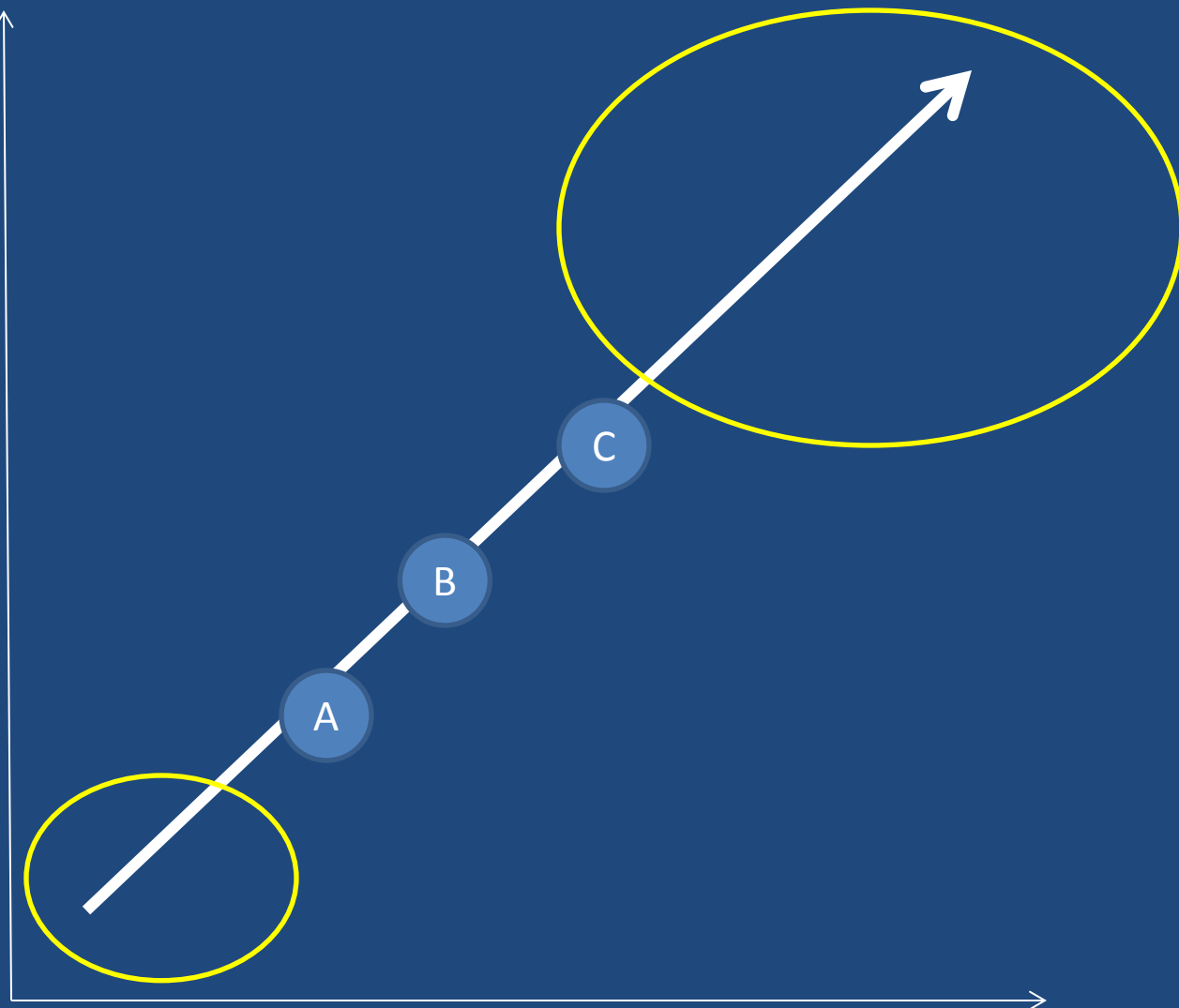
- Anchors, analogy, and adjustment
 - Anchors: we are not without guidance; the existing classes are valuable starting points
 - Analogies: other classification systems are available for comparison, borrowing
 - Adjustment: sliding scale allows for management between or beyond current categories

Protection:
Disposal depth
Length of protection
Barriers
Waste form
Security



Inherent Hazard: radiation type, activity, half-life (chemical toxicity)

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- Additional dimensions
 - Chemical hazard (in addition to radiological)
 - Time horizon and sustainability (esp. for an *increasing* hazard like DU)
 - Source
 - Local and national contexts