

## Accident Presentations

On April 23, we will spend class time with presentations on several of the criticality accidents. Each student team is to make a 15 minute presentation that tells us about the accident and its ramifications in 5 categories listed below.

1. An overview of the configuration, including:
  - A. A map showing the geographic part of the world this occurred at.
  - B. A drawing of the geometry of the process area
  - C. A description of the important equipment (with pictures, if available)
  - D. A description of the normal steps of the process.
2. A discussion of what actually went on in the accident:
  - A. Changes in the normal geometry and process,
  - B. How the accident progressed,
  - C. What the emergency response was,
  - D. What the outcome was (fission events, property damage, health effects, financial consequences).
3. Lessons learned.
4. Your approximation of the contingency table that SHOULD have governed the process, noting where it went wrong. (You may have some gaps where information is lacking.)
5. Your best approximation (through Oktoc/KENO/MCNP calculations) of the k-effective vs depth of fissile material (or some other appropriate variable) for your configuration using Appendix B models.

## Assignments

Here is a list of the assignments.

<b>Student</b>	<b>Accident # in LA-13638 TOC (Reading 5)</b>
Bethel	I.A.2
Brackbill	I.A.3
Freeman	I.A.4
Jackson	I.A.5
Lowe	I.A.14
McKinney	I.A.18
Mitchell	I.A.20
Tucker	I.A.22