



U.S.NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

Update Process for Approved Transient and Accident Analysis Methods

May 13, 2015

Agenda

8:30 – 9:30	Introduction
9:45 – 12:00	Brainstorming (Breakout)
12:00 – 1:00	Lunch
1:00 – 3:00	Capturing Comments (Breakout)
3:15 – 4:15	Summary of Comments
4:15 – 4:30	Adjourn

Objectives

Wednesday

- Obtain stakeholder input on the potential for an update process

Thursday

- Discuss the feedback and identify considerations
- Assess future steps

All comments will be captured and published in the meeting summary– without attribution.

Future Steps

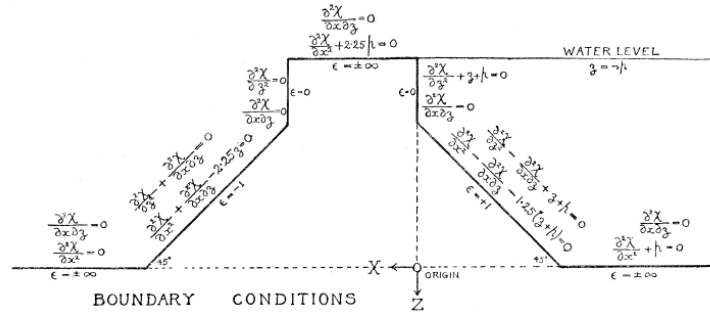
1. Publish comments in the meeting summary
2. Think/Evaluate
3. Generate a draft process and obtain comments on that process

OR Plan additional meetings with a narrower focus

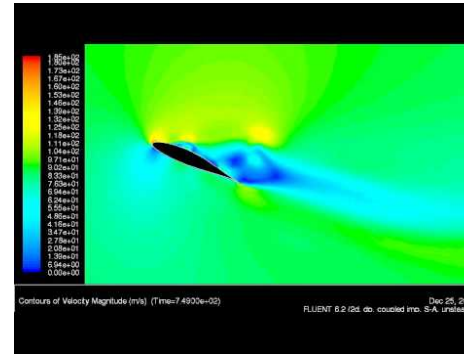
OR Decide that this shouldn't be pursued

OR ...

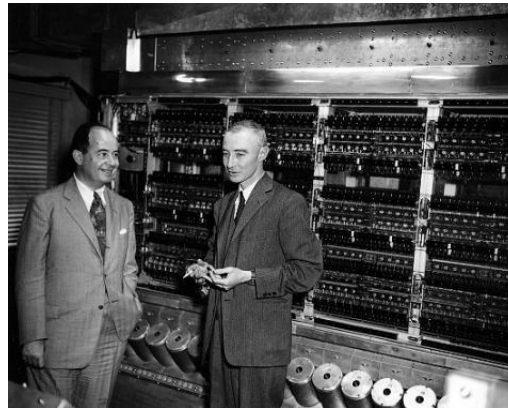
History of Simulation



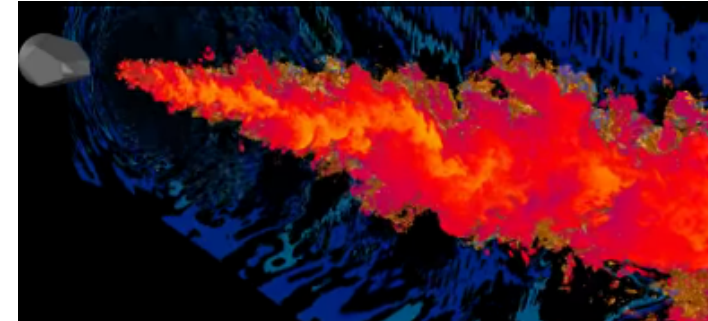
1911



1967



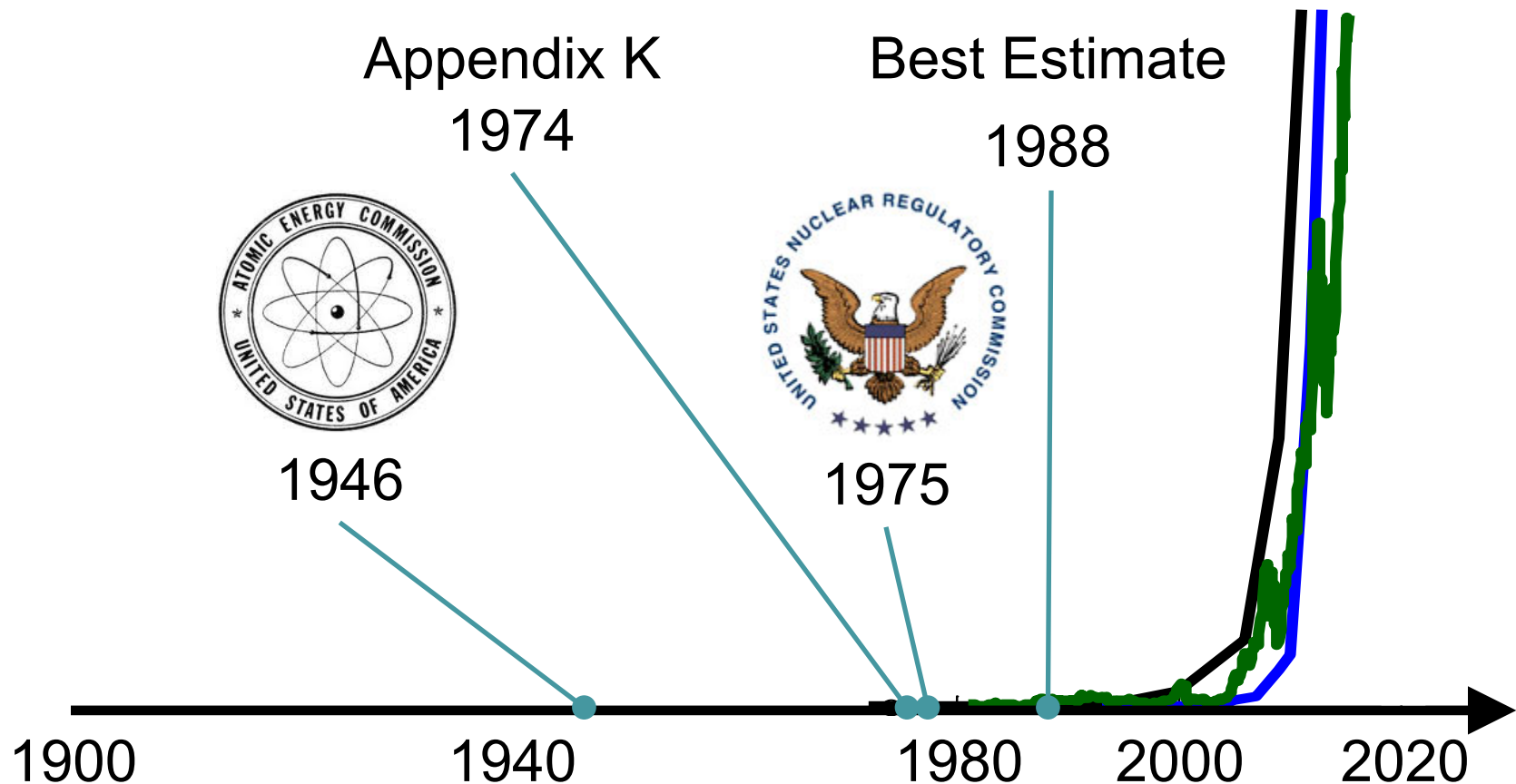
1951



2011



History of Simulation Regulation



Current State of Review at NRC

- Topical reports define the methodology
- Many changes to the methodology described in the topical requires NRC review and approval (2 year process)
- Does the cost and time needed to update a topical report prevent models from being updated more frequently?
- Can this be done more efficiently and effectively?

Big Question

Should the U.S. NRC consider a change process to allow updates to approved transient and accident analysis methods *without* prior NRC review and approval?

Questions for a Change Process

1. What should code review look like in 10 or 15 years?
2. Do you believe such a change process is useful? Why or why not?
3. What would you need to consider in constructing such a change process?
4. What would you use it for/not use it for? (What are its boundaries?)
5. Did we miss any questions?

Ground Rules

1. This is brain storming. We are not attributing comments to authors to enable an open dialog.
2. Our goal is to capture everyone's comments. We don't want to stop discussion, but due to time constraints, we may have to capture your comment and move on.
3. We can't solve the problem at this meeting. We want to understand the various faucets of the problem and what needs to be considered in creating a solution.

Logistics

Group	Location	Facilitators	Passcode
NRC staff and public	Here	Taylor/Beacon	82002
Nuclear Fuel Vendors	O9-B06	Dean/MacFee	39963
Licensees	O8-B02	Stang/Anzalone	46118
National Labs / Consultants	O16-B06	Heller/Whitman	31574

Phone number: 888-889-0216

Breakout sessions - 888-889-0216

1. Public and NRC – Here (Commissioners Hearing Room), passcode: 82002
2. Nuclear Fuel Vendors – O9-B06
passcode: 39963
3. Licensees – O8-B02
passcode: 46118
4. National Labs / Consultants– O16-B06
passcode: 31574

Daily Summary

- Generated a list of comments/considerations (copies are available to take home)
- These comments/considerations will be organized for tomorrow's meeting where you will have a chance to provide further feedback



Update Process for Approved Transient and Accident Analysis Methods

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8:30 – 8:45	Introduction
8:45 – 9:00	AREVA Presentation
9:00 – 9:15	Westinghouse Presentation
9:15 – 12:00	Discussion
12:00 – 1:00	Lunch
1:00 – 3:00	Discussion
3:15 – 4:15	Assess Future Steps
4:15 – 4:30	Adjourn

Objectives

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Summary

Meeting summary will be contain all comments/considerations.

Additional comments for this meeting can be provided to Joshua Kaizer or Joe Holonich until the end of May.