

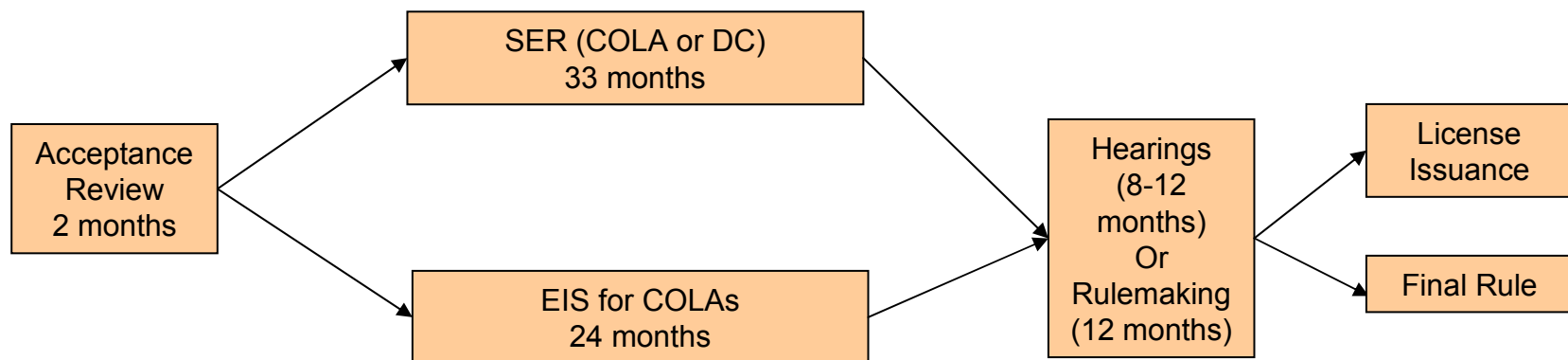


NRC COL and DC Review Process

**Doug Weaver, Chief
Planning and Scheduling Branch**
January 31, 2008

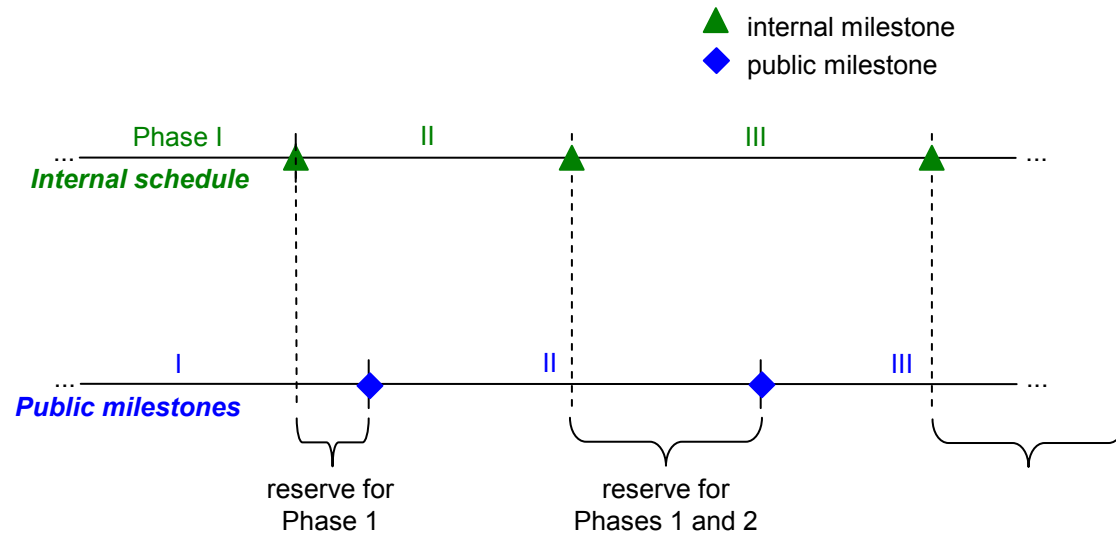
Licensing Review Phases

- NRC's review of COLs and DCs is organized in the same way
 - Acceptance Review (2 months)
 - 6-Phase SER (33 months includes Management Reserve)
 - 4-Phase EIS (24 months includes Management Reserve)
 - Not covered in detail during this presentation
 - Hearings (COLs) (8-12 months "Schedule for hearing determined by Commission and Atomic Safety and Licensing Board")
 - Rulemaking (DCs) (Goal is 12 months)



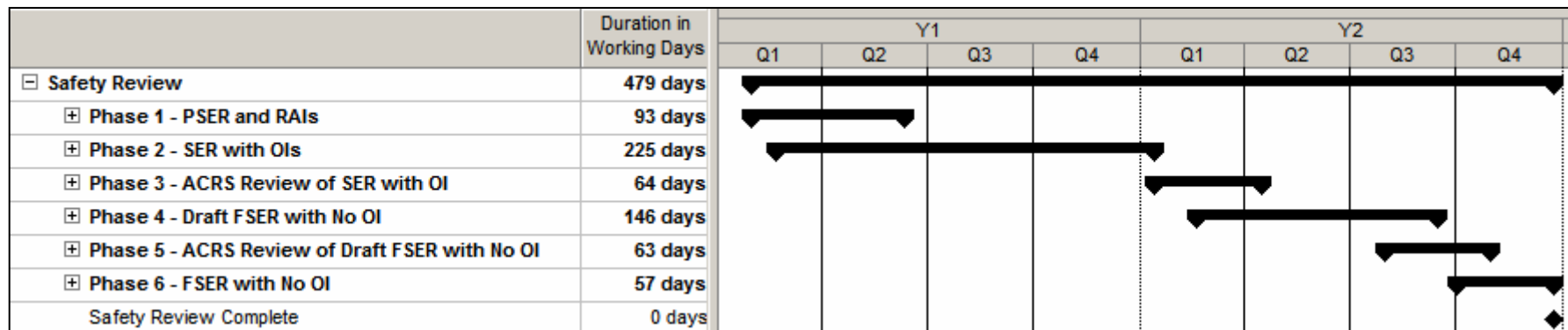
Management Reserve

- Nominal amount of MR is 60 working days (12 weeks)
- Could increase with increased application uncertainty (technical issues)



Safety Review 6-Phase SER

1. PSER & RAIs
2. SER with Open Items
3. ACRS Meetings (SER with OIs)
4. Advanced FSER, no open items
5. ACRS Meetings
6. FSER



(Note: Durations in this figure differ from nominal durations.)

SER Phase 1 – PSER and RAIs

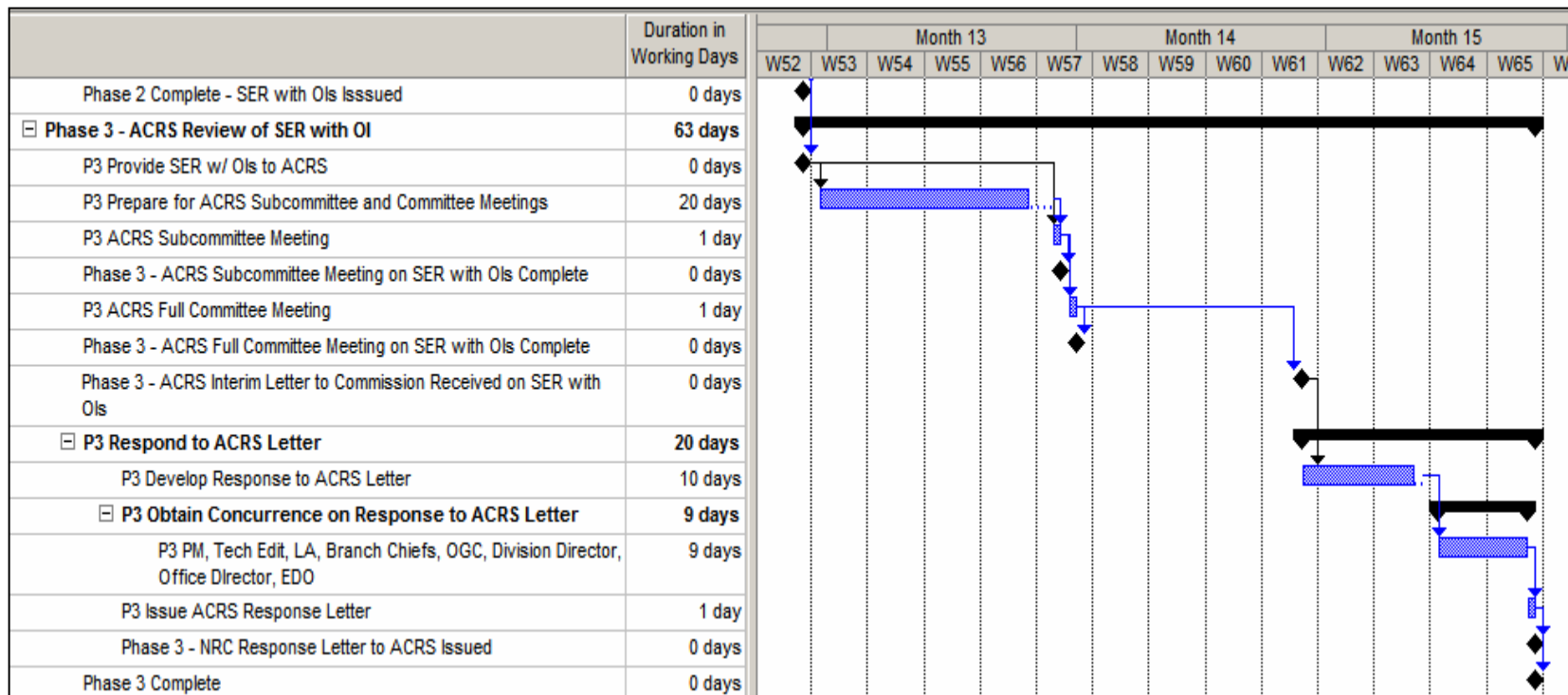
- Begins with start of review
- Ends when for a chapter when all RAIs issued for the chapter
- Includes (for example):
 - Reading COLA/DC
 - Preparing PSER and RAIs
 - Internal peer reviews and concurrence
 - Interactions with applicant
 - Site audit

Phase 2 – SER with Open Items

- Begins with review of RAI responses
- Ends with submission of completion SER w/OI
 - Includes:
 - Reading responses
 - Preparing SER w/OI input
 - Internal peer reviews and concurrence
 - Interactions with applicant
 - Can be extended – by late RAI responses
 - Staff will evaluate timing of the first ACRS interaction based on the number and complexity of Open Items

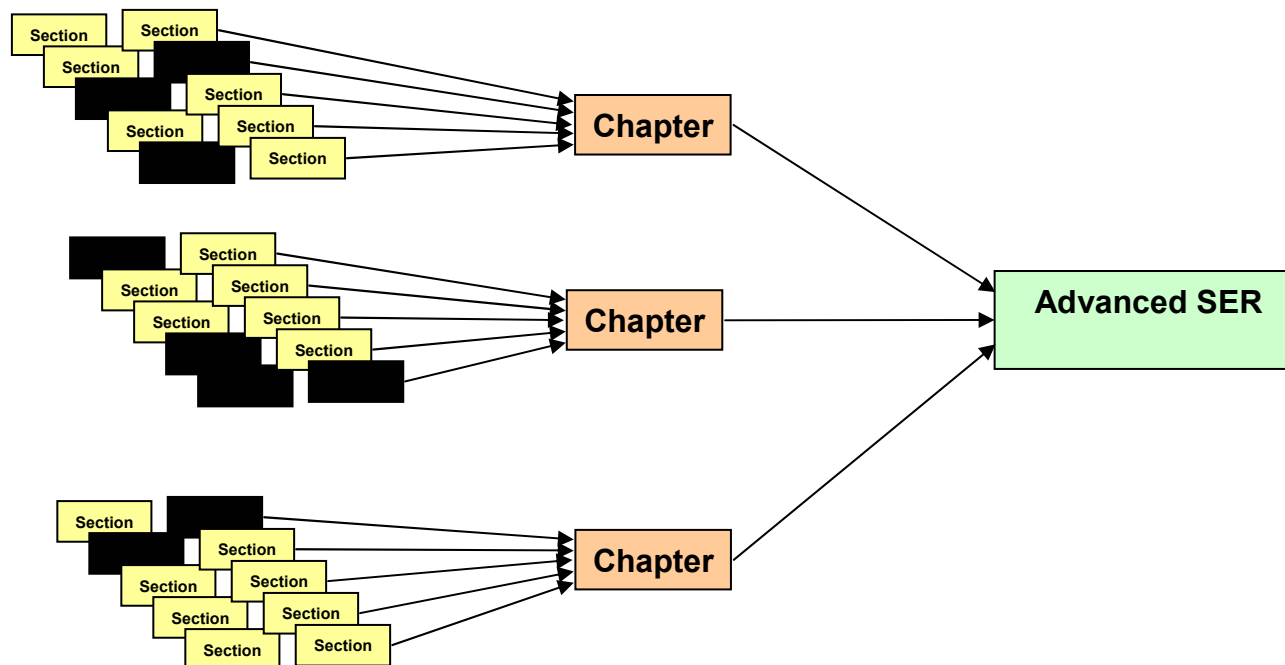
Phase 3 – ACRS Review of SER

- Begins with Issuance of SER w/OI
- Ends with staff response letter to ACRS



Phase 4 – Advanced SER

- Advanced SER contains no open items
- Resolves identified open items plus issues resulting from ACRS review
- Includes four general sub-phases (similar to SER w/ OI)
 1. Awaiting input from applicant
 2. Resolution of OIs and issues by Technical Reviewer
 3. Chapter completion process
 4. Document completion process
- Work excludes SER chapters and sections without OIs and issues



Work: SER Phase 4 – Draft FSER

- Begins with receipt of first input from applicant
- Ends with completion of advanced SER
 - Includes:
 - Reading and evaluating applicant input
 - Interactions with applicant
 - Preparing Draft FSER section
 - Internal peer reviews and concurrence
 - Other activities . . .
- Can be extended – by late applicant responses



Phase 5 – ACRS Review of Advanced SER

- Activities **ARE THE SAME** as ACRS Review of SER w/OI

Phase 6 – Final SER

- **FSER**
 - Contains no open items
 - Differs from advanced SER only in those areas addressed in ACRS review
 - We won't know what these areas are until after ACRS meeting
 - Work in these areas can begin as soon as issues are known
 - Activities occur in 2 sub-phases:
 - ACRS Issue Resolution
 - Document Completion