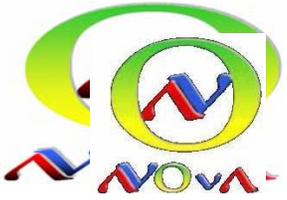




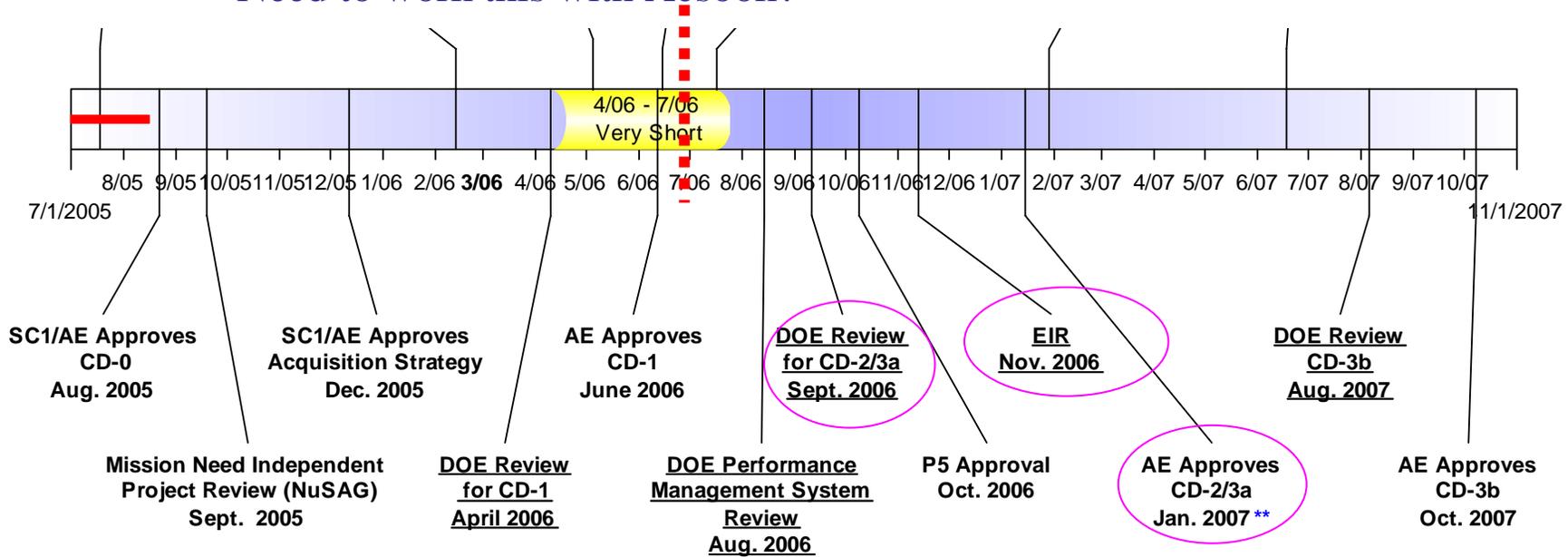
# NOvA Project Status

John Cooper  
October 19, 2005



# What does “CD-2 by June” mean?

- **Talked with Mike Procaro on Oct 7**
  - “Rules say Lehman + EIR + AE Approval”
  - “Rules might be bent, it does happen”
    - e. g. if we are “close” -- if have passed Lehman CD-2, DOE-OHEP might testify that the review looked good, that the EIR and AE are scheduled, so that inclusion in the FY08 budget could proceed
    - Need to work this with Aesook?



Which is “it”?



## Pier did visit Minnesota on Oct 13

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- Met with Tim Mulcahy, John Engelen (U. of Minn Federal “lobbyist”), Marvin Marshak, Ken Heller
  - Also met the president of the University for ~2 minutes
- Buy Building?
  - Long shot but they are willing to try
    - Investigating funding sources: bonds, private, foundations
    - Understand only partial recovery possible,...
    - Ask if they could share risk with \_\_\_\_\_
  - Pier has ideas on a consortium to share the cost, will follow up
- Forward Funding within a DOE Line Item?
  - Mulcahy has already proposed to his bosses an advance of \$ 35 M



## Pier talked to Aesook after the visit

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- Pier had been thinking Line Item but convert to MIE if possible – that converting the other way would be too difficult
  - Aesook thinks difficult to convert, period.
- I noted the Acquisition Strategy has to say what we are doing
  - Ed forwarded a construction talk from ANL that noted a lease scheme had to be mentioned in the AS doc.
- So Pier on Monday Oct 17 said MIE long shot, we must advance the schedule for CD-2
  - Emphasized this in the PPD budget review



# Talked to Mike Procaro on Oct 17

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- Summarized the 10/13 visit and Pier/Aesook
  - He had seen an email from Aesook
  - I said our plan was “line item”,
    - So we may need a Lehman review on the early end of the Feb-April timescale we discussed on Sept 9
  - but that we were still “working the MIE approach”
    - Consortium, cheaper building
- I also asked him about cost “range”, schedule “range”
  - He believes we should state ranges in the CDR for both
    - He will check this with Steve Tkaczyk and Danny
    - He is here today



# How many people do we need?

- **We have a Project Office**
  - Manager, Deputy, 2 Project engineers, 1 Project Chemist, Scheduler(s), Financial expert, documentation people, we sit in WH 13NW, some administrative help now on board, no documentation help though
  - Total is ~ 8
- **We have 8 Level 2 Managers**
- **We have 23 Level 3 Managers**
- **Plus**
  - ~ 10 Professor types: Gary Feldman, Peter Litchfield, Peter Shanahan, Hans Jostlein, Karol Lang, Kevin Lee, Gina Rameika, Olga Mena, Stephen Parke, Mark Messier
  - ~ 4 Post-docs: Brian Rebel, Alysia Marino, Kraig Arms(new Minn), M. Sanchez(?)
  - A few students: Aaron McGowan (new Minn)
  - ~6 Engineers: Ang Lee, Bob Woods, Tom Zimmermann, Nathan Felt(?), Ron Richards, Chuck Grozis
- **So  $8 + 8 + 23 + 10 + 4 + 1 + 6 = 60$  people are active**
  - Most effort falls on 39 project + Gary + engineers = ~ 45
  - Italians getting more serious, but probably not much help for CDR....