



NOvA Working Group Meeting

October 18, 2006

2:00 – 4:00 PM

Snake Pit

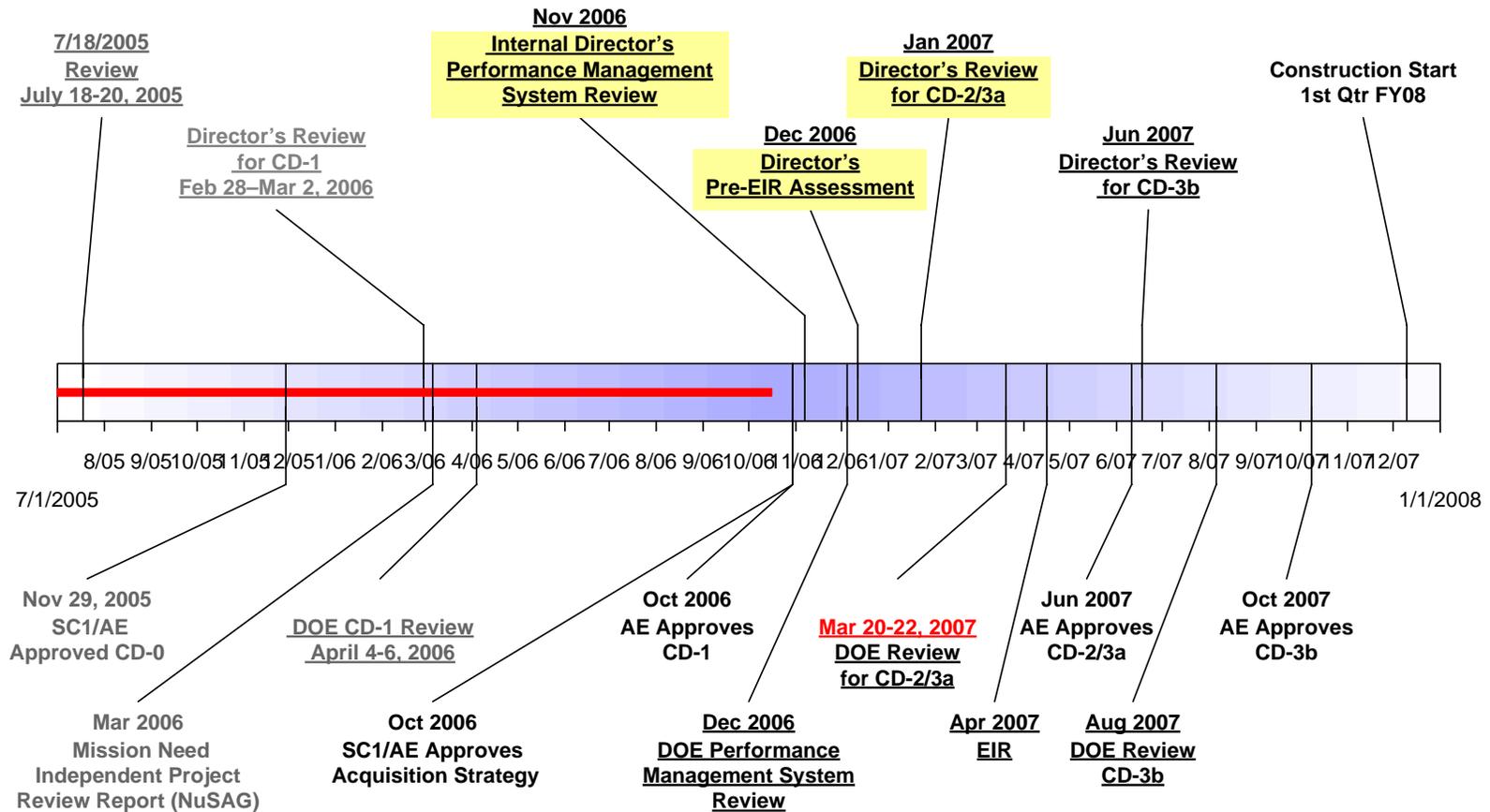
Agenda

- 1) Feedback on interchanges between the Directorate/Project and OHEP [Hugh Montgomery/John Cooper/ Mike Procario]
 - a) Progress on approach to acquiring the conventional facilities [Mike Procario/Steve Webster]
- 2) NOvA Progress Report and Status on Preparation of Project Documents [John Cooper/Ron Ray]
 - a) Status of Acquiring Additional Project Personnel. [John Cooper/Jim Strait]
 - b) Status on NOvA's EA/ES&H Action Plan and Timeline [Keith Schuh]
 - c) Status the progress on SEH's update to the EAW because of moving the building location. [Steve Dixon]
- 3) Review NOvA Timeline [Ed Temple/Dean Hoffer]
 - a) Director's CD-2/3a Review (Potential February 6-8)
 - b) Director's Performance Management System Review (Potential 2nd/3rd week of Jan.)
- 4) Status of Action Items [John Cooper]



DRAFT NOvA Project Timeline for Critical Decisions & Reviews

Updated 16-Oct-06



Note:
 • Text in Red indicates change from prior version



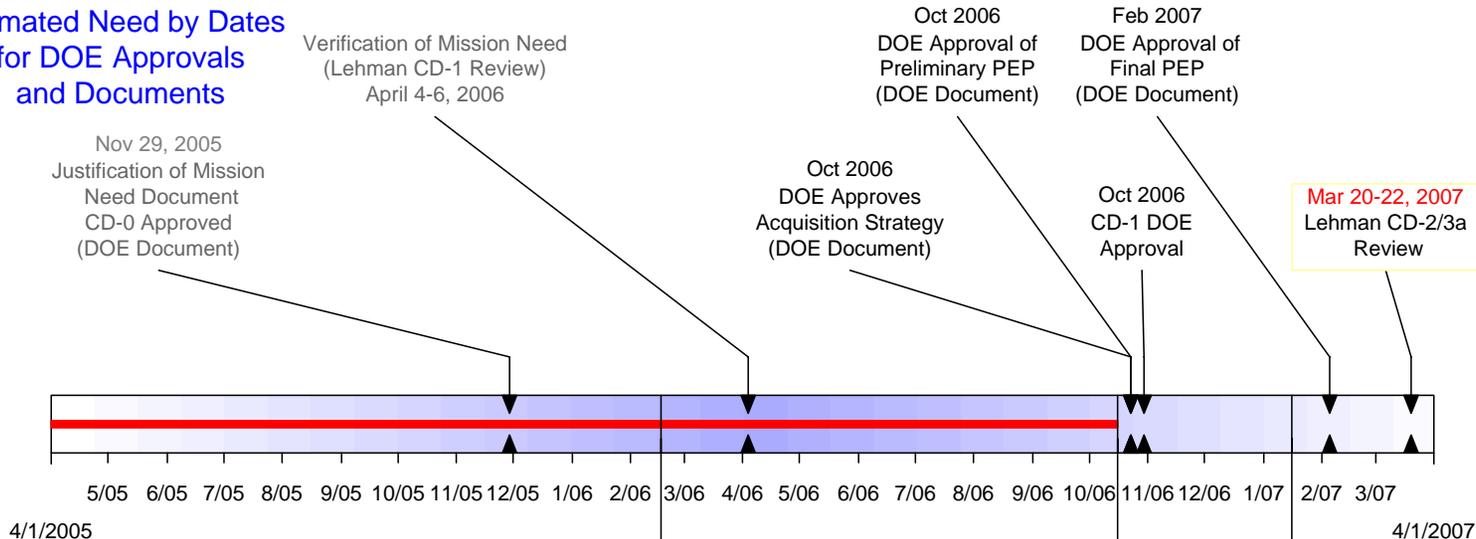
NOvA Project

Draft Critical Design Prerequisites

Updated 16-Oct-06



Estimated Need by Dates for DOE Approvals and Documents



Target Completion Dates for NOvA Documents

- Feb 2006
 - Conceptual Design Report (CDR)
 - Baseline Range and Resource Loaded Schedule
 - Draft Configuration Management Document
 - Preliminary PMP
 - Preliminary Hazard Analysis Report
 - Value Management Documentation
 - Draft Risk Management Plan
 - Preliminary Security Vulnerability Assessment Report (SVAR)?
- Oct 2006
 - Performance Management System Document (EVMS)
- Jan 2007
 - Technical Design Report (TDR)
 - Baseline Cost Est. and Baseline Resource Loaded Schedule
 - Final Configuration Management Document
 - Final PMP
 - NEPA and Approved Safety Documents
 - Final Design & Procurement Packages for Long Lead Time Items if CD-3a
 - Updated Value Management Documentation
 - Final Risk Management Plan
 - Updated Preliminary Security Vulnerability Assessment Report (SVAR)?

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DOE O 413.3A Attachment 2

“CONTRACTOR REQUIREMENTS DOCUMENT DOE ORDER”

- The industry standard for Performance Management Systems, described in ANSI/EIA-748-A-1998, must be implemented ...
- Cost and schedule performance, milestone status, and financial status no later than CD-2 must be reported to DOE on a monthly basis ...
- For project contracts to be awarded as subcontracts by the contractor, the contractor must have a written Acquisition Plan ...
- Technical performance analyses and corrective action plans must be reported to DOE for variances ...
- A critical path schedule and a project master schedule must be developed and maintained.

DOE O 413.3A Attachment 2

(continued)

- Cost estimating must be an integral part of cost baseline including life cycle cost development and maintenance, budget request development, and estimates at completion.
- Project technical, cost, and schedule risks must be identified, quantified, and mitigated throughout the life of the project. Risks must be identified, evaluated, and mitigation strategies developed and implemented.
- An integrated contractor technical, cost, and schedule baseline must be developed and maintained using a contractor-level Change Control Board.
- A configuration management process must be established ...

DOE O 413.3A Attachment 2

(continued)

- A Value Management/Engineering process must be used ...
- A quality assurance program must be developed and implemented ...
- Integrated Safety Management system must be developed and implemented ...
- Contractors performing design for projects must at a minimum conduct a Preliminary and Final Design Review ...
- High performance sustainable building principles must be applied ...

Action Items

Rollover Items:

- a) Status progress on small working group to address how NOvA's Integrated Project Team (IPT) handles the management of the conventional facilities recipient for the construction of the building. [Steve Webster/John Cooper]
- b) Review NOvA's draft Performance Management System document to assess the maturity of the document in order to determine when to schedule Director's Performance Management System Review [Dean Hoffer/ Ed Temple]
- c) Confirm that the Preliminary Security Vulnerability Assessment Report (SVAR) is, or is not, required for the NOvA project. [Steve Webster/Ron Lutha]
- d) Generate and submit unsolicited proposal for the building on the following schedule. [Marvin Marshak]
 - 1st Draft – October 6
 - 2nd Draft – Mid October
 - Final Draft – End of October
 - DOE Approval – End of November
- e) NOvA to develop and present NOvA's internal procurement/approval process with flowchart at a WGM. [John Cooper/ Ron Ray]
- f) Status the follow-up on requesting for space required for NOvA operations to be performed at Fermilab (i.e. Liquid Scintillator Blending, prototype assembly, near detector, assembly and staging areas) [John Cooper]