



# NOvA Working Group Meeting

September 06, 2006

2:00 – 4:00 PM

Snake Pit

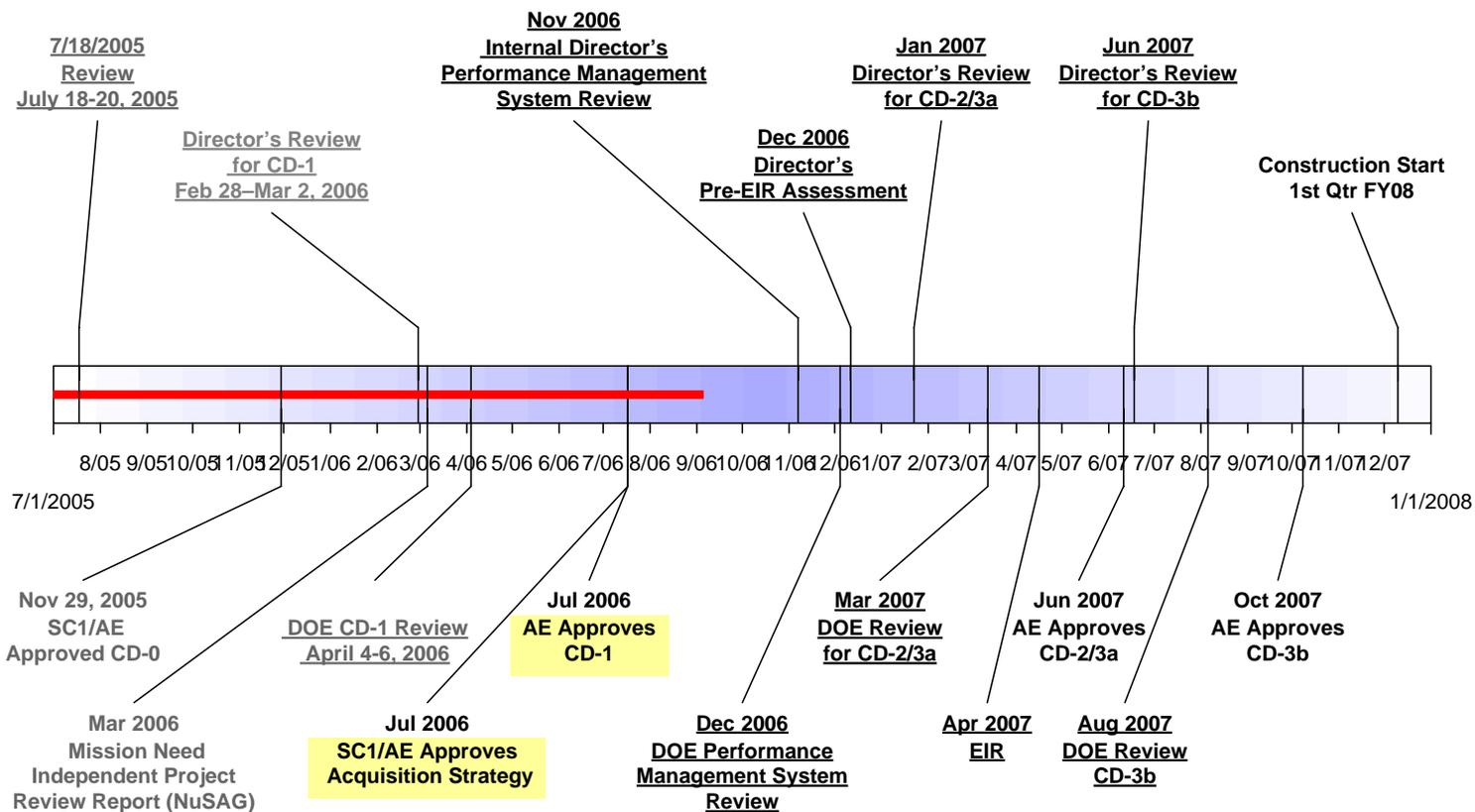
# Agenda

- 1) Feedback on interchanges between the Directorate/Project and OHEP [Hugh Montgomery/John Cooper/ Mike Procario]
  - a) Status of progress of MIE designation [Mike Procario]
  - b) Progress on approach to acquiring the conventional facilities [Mike Procario/Steve Webster]
- 2) Review NOvA Timeline [Ed Temple/Dean Hoffer]
- 3) Progress Report on WBS 1.1 & 2.1 - (Site and Building) by Steve Dixon
- 4) 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]
- 5) Status of Action Items [John Cooper]



# DRAFT NOvA Project Timeline for Critical Decisions & Reviews

Updated 05-Sep-06



Note:

- Text in Red indicates change from prior version



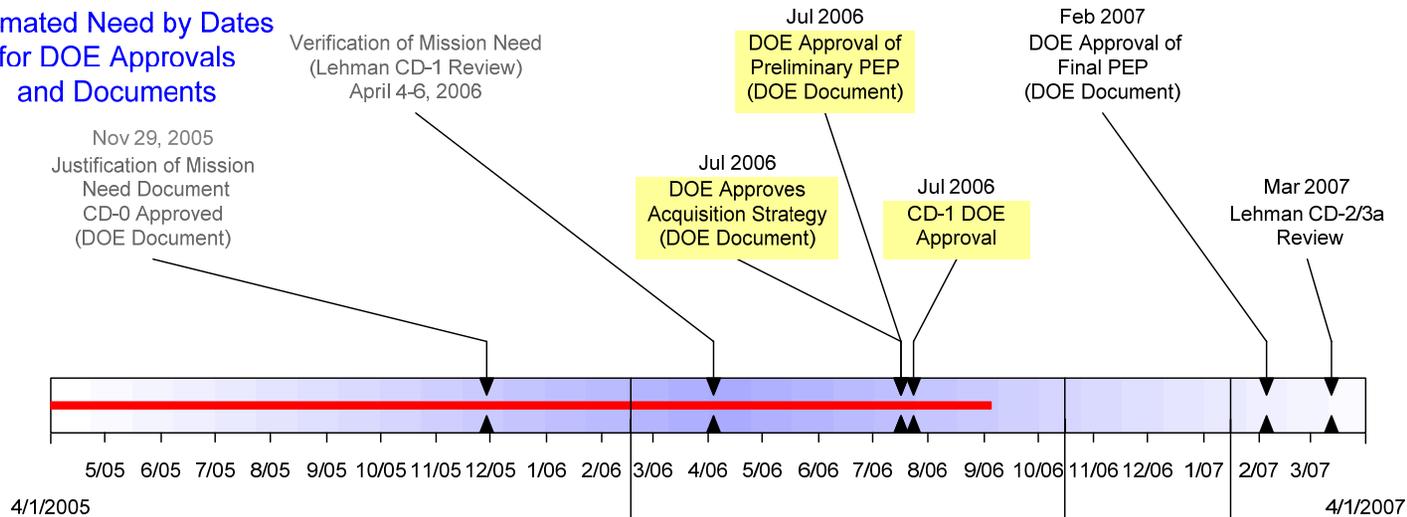
# NOVA Project

## Draft Critical Design Prerequisites

Updated 06-Sep-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
- 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)?

Note:  
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# Excerpt from DOE M 470.4-1 (Att. 2)

## Safeguards and Security Program Planning And Management

7. VULNERABILITY ASSESSMENT REPORTS (VARs). VARs document the results of a VA. VARs must include targets analyzed, methodology used, system effectiveness results, parameters and assumptions under which the VA was conducted, and reference to evidence files. VARs published in support of an SSSP should conform to the suggested format given in Section E, Appendix 5, Suggested Vulnerability Assessment Report Format. The approval chain for VARs is below.
  - a. The analyst responsible for the VA must sign the report.
  - b. Line management responsible for the Facility/Site VA program must approve the report.
  - c. DOE line management responsible for the VA program must concur with the report.
  - d. The DOE cognizant security authority must concur with the report.

# DOE M 470.4-1 (Att. 2 Section E Appendix 5)

## Suggested Vulnerability Assessment Report (VAR)

- 1.0 Executive Summary
  - Objective
  - Purpose and Summary of Protection Effectiveness
- 2.0 Introduction
  - Scope
  - Changes in the VAR
  - Methodology and Assumptions
- 3.0 Target Identification and Description
  - Theft or Diversion
  - Sabotage (Radiological)
  - Sabotage (Chemical and/or Biological)
  - Theft or Espionage of Classified Information or Matter
  - Other Losses
- 4.0 Threat Definition
  - Adversary Type(s)
  - Adversary Attributes

# DOE M 470.4-1 (Att. 2 Section E Appendix 5) Continued

- 5.0 S&S Protection Elements
  - Physical Security Systems
  - Protective Forces (Response Strategies, Interruption, Neutralization)
  - Material Control and Accountability
  - Reliability Program
- 6.0 Performance Testing
  - Program Description
  - Site Protection Elements
  - Critical Protection Elements
- 7.0 S&S Protection Effectiveness (PE)
  - Scenario
  - Protection Effectiveness
  - Validation Testing
- 8.0 Summary of S&S Protection Effectiveness (PE)
  - Protection Effectiveness (PE)
  - Recommendations

# Action Items

- a) Discuss progress on resolving the issue on the lack of available FY07 R&D funding since FY07 PED funds to become funding for conventional facilities. [Mike Procaro]
- b) Initiate 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]
- c) 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]