



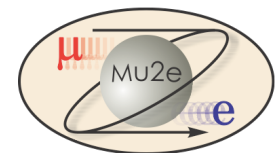
U.S. DEPARTMENT OF  
**ENERGY**

Office of  
Science

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# Mu2e Status of Recommendations

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10/21/2014



# Reviews

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Review	Date
Director's pre-CD-2/3b review	July 2014
DOE CD-3a review	June 2014
DOE Briefing	February 2014
DOE Briefing	September 2013
DOE mini-review	April 2013
DOE mini-review	November 2012
DOE-CD-1 review	June 2012
Director's pre-CD-1 review	April 2012
Independent Design Review	May 2011

- Since CD-0: 9 DOE or Director's reviews/briefings

# Tracking Recommendations

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Review	Report	Replies
Director's pre-CD-2/3b review	4404	4405
DOE CD-3a review	4317	4316
DOE Briefing (Feb2014)	4154	4155
DOE Briefing (Sep2014)	3456	3457
DOE mini-review (Apr2013)	2938	2939
DOE mini-review (Nov2012)	2577	2579
DOE-CD-1 review	2357	2358
Director's pre-CD-1 review	2209	2240
Independent Design Review	1563	2067

- Final Report posted to mu2e-doc-db.
- Recommendations/Action Items pulled-out into a separate 'Replies to Recommendations' document and posted to mu2e-doc-db.

# Status of Recommendations

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Review	Total no.	Open
Director's pre-CD-2/3b review	53	3
DOE CD-3a review	2	1
DOE Briefing (Feb2014)	3	0
DOE Briefing (Sep2014)	1	0
DOE mini-review (Apr2013)	1	0
DOE mini-review (Nov2012)	3	0
DOE-CD-1 review	24	1
Director's pre-CD-1 review	49	0
Independent Design Review	48	0

- 184 Recommendations/Action Items total.
- 179 Closed. 5 Open.

# Open Recommendations

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Recommendation	Responsible	Status	Comment
Given the importance of INFN to the Calorimeter system, project management should proceed with all reasonable timeliness to formalize the INFN contribution to Mu2e.	Ron Ray Stefano Miscetti	In Progress	We are in frequent contact with INFN about this issue. They received the approval of CSN1 in the spring of 2014. The final decision regarding their financial contribution will take place at a meeting in 2015. There are entries in the Risk Register that address a potential short-fall relative to what we've assumed in developing the baseline cost/schedule.

- From DOE CD-1 Review (June 2012)

# Open Recommendations

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Action Item	Responsible	Status	Comment
Exercise option for PS conductor after ESAAB has been obtained. Implement the changes in specifications and procurement plan as discussed.	Mike Lamm	In Progress	We finalized our specifications and have met with the vendor. We are waiting for a quote from the vendor for the additional 100m pre-Production cable length. We have prepared the Purchase Req. for approval.

- From DOE CD-3a Review (June 2014)

# Open Recommendations

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Action Item	Responsible	Status	Comment
There is a concern about the ability to be able to form borated polyethylene into the shape of the outer proton absorber. While a prototype fabricated by a contractor is expensive it may be a very good investment. Simple forming tests should be done on site to investigate forming methods.	George Ginther	In Progress	There is a reasonable probability that borated polyethylene will not be required. We are attempting to understand this via simulations before initiating an R&D program.

- From Director's pre-CD-2/3b Review (July 2014)

# Open Recommendations

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Action Item	Responsible	Status	Comment
Document and track the Quality assurance risks in the Project Risk Registry or in a separate QA document.	Ron Ray	In Progress	We will track in a separate QA document. The development of this awaits the appointment of a Mu2e QA manager.

- From Director's pre-CD-2/3b Review (July 2014)



# Open Recommendations

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Action Item	Responsible	Status	Comment
Consider reducing the quantity of CAMs and control accounts.	Ron Ray	In Progress	We will not get to this until after the DOE Review.

- From Director's pre-CD-2/3b Review (July 2014)

# Summary

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- Mu2e tracks the status of Recommendations/Action Items and documents progress via doc-db and PMG reports.
- Since CD-0 there have been 9 reviews/briefings of Mu2e yielding 184 recommendations/action items total:
  - 179 Closed
  - 5 Open
- Of the 5 Open recommendations:
  - 3 likely to be completed in coming few months
  - 2 likely to be completed prior to CD-3c review.