

Partial Operational Readiness Clearance (Non-beam operation)

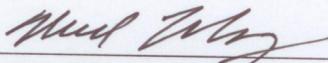
E906 SeaQuest

13 Aug 2010

AUTHORIZATION TO PROCEED WITH THE UNATTENDED OPERATION OF HV CONDITIONING  
AND PMT TEST STAND

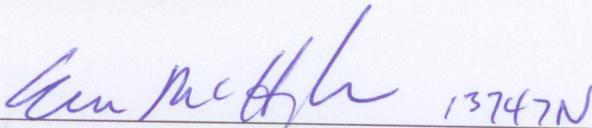
**REVIEWED AND APPROVED BY:**

**DATE**



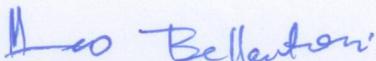
8/23/10

Particle Physics Division Head  
Comments/Exceptions:

 13747N

8.23.10

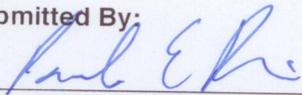
Particle Physics Senior Safety Officer  
Comments/Exceptions:



17 Aug 2010

Committee Chair  
Comments/Exceptions: HV operation only

**Submitted By:**



17 Aug 10

Requester Paul Reimer, ANL

Electronic approvals for this form are acceptable. Please forward your responses to all recipients. A signed paper form (copy) of this document will exist in the Particle Physics Division Office. The original signed document will stay with the experiment requesting clearance.

**From:** Keith Schuh <schuh@fnal.gov>  
**Subject:** Re: Task item list for E906 from 12 Aug walkthrough (2nd transmit)  
**Date:** August 12, 2010 2:58:26 PM CDT  
**To:** Leo Bellantoni <bellanto@fnal.gov>  
**Cc:** "reimer@anl.gov" <reimer@anl.gov>, "Charles N. Brown" <chuckb@fnal.gov>, Eric D McHugh <emchugh@fnal.gov>

Leo,

I'm OK with running the high voltage test unattended. Paul told me that they do not plan on running the low voltage equipment unattended yet. Before they do Steve and I will need to see some drawings of the pre amplifiers and information about power supplies and fusing.

I am concerned about the two magnets which are connected up to two different busses. I know they are not planning on turning them on yet. The power cables to one of the magnets are not protected and the other magnet has all kinds of magnetic objects laying around inside it. Peter and I followed the busses but they went up into service buildings. I will contact Walt Jeskerney and make sure things can't be energized by mistake.

----- Original Message -----

**From:** bellanto <[bellanto@fnal.gov](mailto:bellanto@fnal.gov)>  
**Date:** Thursday, August 12, 2010 2:36 pm  
**Subject:** Task item list for E906 from 12 Aug walkthrough (2nd transmit)  
**To:** [reimer@anl.gov](mailto:reimer@anl.gov), "Charles N. Brown" <[chuckb@fnal.gov](mailto:chuckb@fnal.gov)>  
**Cc:** Undisclosed-recipients: <>;

Dear Paul, Dear Chuck

Here is the itemized list from our walk-through today:

- 1) Place masking tape over "Flammable Gas" labels on chambers that do in fact not have flammable gas
- 2) The large (2 inch dia) cables and the air hose by the magnet are trip hazards. Either get them up high as you plan or put a ramp over them.
- 3) The HV cables on the LANL chambers are black, not red. As we discussed, there are many ways to remedy that.
- 4a) There has been a long running concern that much of the commercial

available foam such as is flammable, or flammable when used in the manner which we frequently use it about the lab. Jim Priest is working on developing a set of standards. For now, for the ORC which

you request, it is sufficient to get some Herculite (or welding blankets) and put that over the structure.

4b) Also, there is a pile of loose foam pieces near the chambers. Better to move them to some location away from the HV.

5) There is an empty bottle of P10 on the loading dock, secured by bungee cords; this must be fixed.

Keith will send you a list of things to be aware of vis-a-vis the LANL

chamber electronics.

I'll write the ORC for HV & the PMT stand only.

When it is all ready, let me know; I'll come by & walk through and then get you an ORC with a signature list; you get them all to sign

and make a copy that you get back to me.

Leo

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Dr. Leo Bellantoni (630)730-2155  
MS 357, Fermilab Batavia, IL 60510

**From:** Russ Rucinski <rucinski@fnal.gov>  
**Subject:** RE: E906 walk thru  
**Date:** August 12, 2010 3:44:41 PM CDT  
**To:** Leo Bellantoni <bellanto@fnal.gov>  
**Reply-To:** "rucinski@fnal.gov" <rucinski@fnal.gov>

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Yes, that is fine. I recommend unattended running.

Russ

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**From:** bellanto [<mailto:bellanto@fnal.gov>]  
**Sent:** Thursday, August 12, 2010 3:44 PM  
**To:** [rucinski@fnal.gov](mailto:rucinski@fnal.gov)  
**Subject:** Re: E906 walk thru

Yuuup.

You are OK for unattended running when the gas cylinder is taken care of?

*Leo*

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Dr. Leo Bellantoni (630)730-2155  
MS 357, Fermilab Batavia, IL 60510

On Aug 12, 2010, at 3:39 PM, Russ Rucinski wrote:

Hi Leo,

Your itemized list covered the only minor item to be corrected, the bungee corded gas cylinder.

The housekeeping is a real mess but it is hard to itemize anything about it. It is analogous to looking into your kids bedroom and seeing very little floor and telling them to clean their room.

Cheers,

Russ