

Hello Rusi,

1. I have not heard yet if the Texas group's paper has been accepted. Is there data on this now?
2. Is there any data (i.e. written report) on the facts that were found/observed on the day of the on-site DARPA review? I don't remember seeing any such data in the packet you provided me.
3. Does a written report from Ross Tessien's Day Two audit exist? If so, I've not seen it yet.
4. According to Tessien's agreement, if he saw positive results on his Day Two audit, he would have agreed to submit the findings to a conference. Is there any news on this?

Steve

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Date: Thu, 05 Oct 2006 17:11:53 -0400  
From: Rusi Taleyarkhan <rusi@ecn.purdue.edu>  
To: Steve Krivit  
CC: "hl-haikolietz.de" <hl@haikolietz.de>, "bdj10-cam.ac.uk" <bdj10@cam.ac.uk>, rusi@purdue.edu  
Subject: Re: Bubble fusion follow up stories (rpt->b.josephson;s.krivit;h.leitz;10.5.06)

Dear Brian/Steve/Haiko:

Sorry, this email fell through the cracks and just noticed the same. Responses follow:

- Our PRL paper(s) have now been officially published this week (yesterday). The one refuting the UCLA(Naranjo allegation) and the second, responding to the more collegial explanations (to A.Lipson) are attached.
- The written report documenting the minutes of the DARPA review I believe has not been put together. The DARPA PM (Bill Coblenz) wrote an email note to Putterman after the meeting somewhat summarizing the day's activities as they related to the work he had funded but that does NOT include any mention of the successful experiment done on that day which many that were present had witnessed (and observed the neutron tracks themselves). I am unsure now if Bill Coblenz also witnessed the data

since he and another ONR person had a flight to catch.

- However, Tessien requested a second day of a repeat experiment which I agreed to only if he was willing to sign on a testimonial that documented the results of expts. of the previous day and also whatever results came about on the day he spent. You have a copy of that testimonial I believe.

- You are right about what Tessien agreed to do and signed off on; however, I've not pressed him on this issue realizing the potential for conflict-of-interest charges and after appreciating the competitive pressures from his investors. Really, best left alone in favor of other credible physicists/groups that were totally unrelated to sonofusion.

The experiments done on the day of the DARPA review and the next day with Tessien were performed only with the deuterated liquid mixture to demonstrate conclusively that fusion neutrons are emitted. Due to time, Control experiments were not performed with non-deuterated fluids, nor were experiments for detector calibrations with a NIST-certified neutron source. Nevertheless, the positive data that came out were attested to for both days by Tessien.

The relative incompleteness of the aspects of the DARPA/Tessien expts. were overcome over comprehensive multi-day expts. by the next two scientific groups (Bill Bugg of Stanford/UTK; and then separately the Texas group).

Regards,

Rusi

(PS:

- From what I gather the Texas group's papers have been vetted by experts from the American Nuclear Society and also from the fusion community - and accepted for publication and presentation.)