

PURDUE

UNIVERSITY

SCHOOL OF NUCLEAR ENGINEERING

October 27, 2006

Dr. Peter E. Dunn
Associate Vice President for Research
Research Integrity Officer

Dear Dr. Dunn,

I am writing in response to your letter dated October 23, 2006 requesting additional correspondence between me and Prof. Taleyarkhan concerning my 2005 NED manuscript and copies of any other drafts of that manuscript.

I understand there may be some questions about the independence of the research results published in my 2005 NED paper. Dr. Taleyarkhan did not influence, alter, change, revise, or modify any of the data, analysis, conclusions or research cited in the 2005 NED paper. The extent of Dr. Taleyarkhan's technical assistance and that of Dr. Cho have been described in my earlier response to you. For the data and observations in my 2005 NED paper I did all the experiments myself, collected all of the data independently, and did so without Dr. Taleyarkhan's involvement. I also did the analysis work with no input from him. I thought that was already clear and implied in my previous letter to you, but to the extent it was not, I would like to make it clear once and for all.

The independence of my research findings in the 2005 NED paper has been acknowledged publicly several times in the past, well before the Committee was conceived, in internal and external sources: in Purdue's Press Release of June, 2005; to the media (see for reference my statements made in H. Leitz's article in Germany of June, 2005); and publicly in the Acknowledgements portion of the paper. Dr. Taleyarkhan's guidance and assistance do not mean or infer in any way that he influenced the experiment or the independence of the data collected by me.

Since I have lost my email records before October 2005 (see the attached page between me and our department computer specialist regarding this issue), I could not provide any email communications between me and Dr. Taleyarkhan regarding my 2005 NED paper on sonofusion. Attached as you requested, I have found three paper copies of the draft NED manuscripts which Dr. Taleyarkhan marked up to try to help me. There were no changes dealing with my research, the data collected, the conclusions of the manuscript, nor the substance of my findings whatsoever. Rather, the changes were for grammar, language, and scientific formatting requirements for the NED journal.

I disagree with any allegations that my research findings were anything but independent. Adam Butt also does not, and cannot, quarrel with this fact.

Sincerely,



Yiban Xu

Enclosures (3 hard copies of manuscripts drafts, 1 copy of email communication regarding email loss)



School of Nuclear Engineering

Nuclear Engineering Building • 400 Central Drive • West Lafayette, IN 47907-2017
(765) 494-5739 • Fax: (765) 494-9570 • <https://engineering.purdue.edu/NE>