

**References to Purdue April 18, 2008
C-22 Investigation Committee Final Report Source Evidence**

1. 1/31/08 Xu letter p. 1.
2. 12/6/06 letter from Xu to Dunn.
3. 1/31/08 Xu letter p. 4; 4/7/08 Taleyarkhan submission. p. 36; 12/18/07 Taleyarkhan submission p. 11.
4. 4/7/08 Taleyarkhan submission, p. 36.
5. February 2008 Hearing Transcript pp. 112, 136-137.
6. February 2008 Hearing Transcript p. 57; 12/18/07 Taleyarkhan submission, p. 11.
7. 10/15/04 email from Taleyarkhan to Xu.
8. Email from Taleyarkhan to Xu on Thursday, 12/16/04, 6:31 p.m. with subject line: "Re: Revised paper to PRE (12/16/04)." [Note: PRE is a typo in the original message.] The attachment is entitled: ConfExpt2004 (Dr. Xu-final) revl-3.doc.
9. 10/24/04 email from West to Taleyarkhan re: Confirmatory paper to PRL.
10. 10/14/04 email from Taleyarkhan to lahcyr@rpi.edu re: Upcoming Bubble Nuclear Fusion Article in Phys.Rev.E Journal.
11. 10/21/04 email from Xu to Taleyarkhan re: manuscript to PRL.
12. 10/28/04 email from Taleyarkhan to Xu re: Manuscript es2004oct21_103 has been submitted to Physical Review Letters.
13. 11/30/04 email from Xu to Taleyarkhan re: Your.manuscript LX9468 Xu; 12/14/04 email from Taleyarkhan to Xu re: Your-manuscript LX9468 Xu (fwd) -Responses to send; 12/17/04 email from Taleyarkhan to Xu re: Modified response letter, letter attached; 12/17/04 email from Xu to Taleyarkhan re: response to referee comments for manuscript number LX9468 "Confirmatory Experiments for Nuclear Emissions during Acoustic Cavitation" (fwd).
14. 10/28/04 email from Xu to Taleyarkhan re: Status of Manuscript es2004oct21_103 has been submitted to Physical Review Letters.
15. 1/25/05 email from Taleyarkhan to Xu re: NED paper report attached.
16. 1/27/05 email from Taleyarkhan to Xu and Butt re: Communication with NED.
17. 1/24/05 email from Taleyarkhan to Prof. Gunter Lohnert re: High-Impact Paper Addition Possibility; 1/25/05 email from Prof. Lohnert to Taleyarkhan re: Paper on

bubble nuclear fusion.

18. 1/26/05 email from Taleyarkhan to Xu and Butt re: Revised NED paper.
19. 10/31/06 letter from Taleyarkhan to Dunn.
20. 10/27/06 letter from Xu to Dunn.
21. 12/6/06 letter from Xu to Dunn
22. ONR Inq.C. 2007 070731 YXu.1 and ONR Inq.C. 2007 070731 YXu.attach1.
23. 6/9/07 letter from Taleyarkhan to Dunn, p. 1.
24. 6/9/07 letter from Taleyarkhan to Dunn, p. 2.
25. 7/23/07 Transcript of interview of Taleyarkhan p. 15.
26. 2/2/08 Taleyarkhan affidavit. ¶ 4: ONR Inq.C. 2007 070802 LSelander.ExhibitB.1.
27. 2/2/08 Taleyarkhan affidavit, ¶ 14; ONR Inq.C. 2007 070802
LSelander.ExhibitB.6.
28. ONR Inq.C. 2007 041130 YX to RT.2.
29. February 2008 Hearing Transcript p. 169; 1/26/05 email from Taleyarkhan to Butt
re: no subject.
30. February 2008 Hearing Transcript p. 170; 1/26/05 email from Taleyarkhan to Xu
and Butt re: revised NED paper.
31. February 2008 Hearing Transcript pp. 73. 273: 1/31/08 Xu letter p. 2.
32. 4/7/08 Taleyarkhan submission p. 22.
33. 1/31/08 Xu letter p. 2; February 2008 Hearing Transcript p. 73:15-16.
34. February 2008 Hearing Transcript pp. 169-70.
35. 1/26/05 email from Taleyarkhan to Xu and Butt re: NED paper (revised); 1/27/05
email from Xu to Taleyarkhan and Butt re: NED paper final manuscript; 1/27/05
email from Xu to Taleyarkhan and Butt re: updated final version: 1/27/05 email
from Xu to Taleyarkhan and Butt re: wrong version again, this time is right:
1/27/05 email from Taleyarkhan to Xu and Butt re: Communication with NED.
36. 1/26/05 email from Taleyarkhan to Butt and Xu, re: no subject.
37. 1/26/05 email from Taleyarkhan to Xu and Butt re: NED paper (revised).
38. 1/26/05 email from Taleyarkhan to Xu and Butt re: Revised NED paper.
39. 1/27/05 email from Butt to Xu and Taleyarkhan re: Revised NED paper.
40. February 2008 Hearing Transcript pp. 165, 174; 9/22/06 Butt-Dunn exchange.

41. February 2008 Hearing Transcript pp. 166-67.
42. February 2008 Hearing Transcript p. 167.
43. "Sonofusion Lab 2004 Summer Activities" Adam Butt, 8/6/04; M.S. Thesis, Aeronauts and Astronautics, "Acoustic Confinement Fusion: Potential Applications to Space Power and Propulsion", 12/1/05, Ivana Hrbud, Dr. Taleyarkhan, Advisors, M.S. Thesis Nuclear Engineering, "Acoustic Confinement Fusion: Characterization of Reaction Chamber", 12/1/05. Taleyarkhan, Ivana Hrbud. Advisors.
44. 3/19/04 letter from Tsoukalas to Xu.
45. 1/31/08 Xu letter p. 1.
46. Venere 2007 submission pp. 2-3; Venere 2008 submission, Timeline.
47. An earlier draft of the press release included the work "independent" before "confirmation' in this sentence. Venere 2008 submission. Item 10.
48. 1/31/08 Xu letter p. 1; Venere 2008 submission, Items 2-3.
49. 7/31/07 letter from Xu to Dunn p. 3 (ONR Inq.C. 2007 070731 YXu.3).
50. 7/31/07 letter from Xu to Dunn p. 3 (ONR Inq.C. 2007 070731 YXu.3).
51. Venere 2007 submission p. 2; Venere 2008 submission, Items 2-3.
52. 7/20/07 Memo from Selander to Inquiry Committee p. 6; Venere 2007 submission p. 4; Venere 2008 submission, Timeline.
53. February 2008 Hearing Transcript p. 26.
54. 7/20/07 submission from Selander to Inquiry Committee pp. 6-7; February 2008 Hearing Transcript p. 6.
55. Venere 2007 and 2008 submissions; February 2008 Hearing Transcript p. 6.
56. Venere 2007 and 2008 submissions.
57. February 2008 Hearing Transcript p. 537.
58. Venere 2008 submission.
59. Venere 2008 submission, Item 10; February 2008 Hearing Transcript pp. 27-29.
60. February 2008 Hearing Transcript pp. 311-12, 327-30.
61. Venere 2007 submission p. 15; Venere 2008 submission, Item 10.
62. 6/18/03 letter from Tsoukalas to Taleyarkhan.
63. 10/27/06 letter from Xu to Dunn; 7/31/07 letter from Xu to Dunn; February 2008

- Hearing Transcript p. 58.
64. 10/27/06 letter from Xu to Dunn.
 65. February 2008 Hearing Transcript p. 54.
 66. February 2008 Hearing Transcript p. 56.
 67. February 2008 Hearing Transcript pp. 59-63.
 68. FF2, allegation A-1.
 69. 9/22/06 Revankar-Dunn exchange.
 70. 9/22/06 Xu-Dunn exchange.
 71. February 2008 Hearing Transcript p. 64.
 72. February 2008 Hearing Transcript pp. 61-63.
 73. ONR Inq.C. 2007 041012 RT to DL. 1.
 74. 12/18/07 Taleyarkhan submission pp. 103-104; 2/6/08 Taleyarkhan submission, Appendix 4 pp. 16-19.
 75. R.P. Taleyarkhan *et al.*, *Science* 295, 1868 (2002); R.P. Taleyarkhan *et al.*, *Phys. Rev. E* 69, 036109 (2004).
 76. D. Shapira and M. Saltmarsh, *Phys. Rev. Lett.* **89**, 104302 (2002).
 77. <http://en.wikipedia.org/wiki/Reproducibility>.
 78. February 2008 Hearing Transcript p. 83; February 2008 Hearing Transcript p. 420; Taleyarkhan 2/6/08 submission, exhibit 4.2.
 79. February 2008 Hearing Transcript p. 418.
 80. 2/6/08 Taleyarkhan submission, Appendix 4, pp. 13-15.
 81. See note 78.
 82. See note 80.
 83. February 2008 Hearing Transcript pp. 421-23; 2/6/08 Taleyarkhan submission, Appendix 1 pp. 1, 6.
 84. 3/4/08 Taleyarkhan submission, Ex. 2 [ONR InvC2007 080304 RT.6-9].
 85. 2/6/08 Taleyarkhan submission.
 86. 12/18/07 Taleyarkhan submission p. 38; 2/6/08 Taleyarkhan submission. Appendix 1 pp. 3-4 and Exhibit 1.4.
 87. ONR InvvC 2007 080305 055PAR.2.
 88. 12/18/07 Taleyarkhan submission pp. 63-67; February 2008 Hearing Transcript

pp. 287-289.

89. Omitted from Fig. I of *PRL97:149404*.

90. Fig. 4 in *PRL96:034301*

91. *PRL97:149403*.

92. E-PRLTAO-96-019605.

93. February 2008 Hearing Transcript pp. 391-392.

94. February 2008 Hearing Transcript p. 185.

95. February 2008 Hearing Transcript p. 132.

96. February 2008 Hearing Transcript pp. 252-254, 258, 432, 435.

97. February 2008 Hearing Transcript pp. 432-34.

98. February 2008 Hearing Transcript p. 522.

99. February 2008 Hearing Transcript p. 523.

100. February 2008 Hearing Transcript p. 523.