

1999-06-21

NAWC heading

FAX MEMO

DATE: June 21, 1999
TO: Professor Martin Fleischmann
FROM: Dr. Melvin H. Miles

MESSAGE:

Dear Martin,

I haven't heard from you for some time and hope this is simply because you are quite busy. I am aware that you have had some health problems and hope that there are no problems in this regard. I spoke by telephone with Stan Szpak last week. He is still hoping that we can complete a report for the Navy by the end of September while the funding is still available. He suggested that perhaps you can write your own report in any format you desire. We both feel that it is important that you are able to publish your ideas relating to cold fusion where this can be accessed by others and referenced. I would like to see a detailed discussion of the NHE errors in their treatment of the F/P calorimetry. I would also like to see your treatment of my F/P calorimetric data that I obtained in Japan. I preferred, from the beginning, complete freedom for you to write this report in any way that you desired. Stan Szpak wanted to incorporate some of his work, but I now think that he would just like to have you write your own report. This would be a good way for you to document your detailed knowledge of the F/P calorimetry.

I don't see much future for my continuing to work for the Navy. Therefore, I plan to retire at the end of this year. Richard Carlin of ONR refuses to fund me because of my previous cold fusion work. I am considering the possibility of working with George Miley at the University of Illinois as well as working with John Dash at Portland State University. This would allow me to get back into cold fusion research. I think this would be the best way for me to finish out my scientific career. I would also be interested in working in Italy if there is a possibility of collaborating with you. However, it seems like that work is slow in getting underway.

Several months ago I visited Blacklight Power and Dr. Randall Mills. He has an impressive new laboratory and apparently considerable funding. He seems very brilliant in conversations. Perhaps his fractional quantum numbers theory has some validity. He showed us many new compounds involving hydrinos and novel chemistry. This could be a bridge between heavy water and light water cold fusion results. On the other hand, it could also be completely wrong. What do you make of all this?

Please write and let me at least know how you are doing. Also, let me know if you can complete your report so that we can have it published by the Navy.

Best wishes,

Mel Miles

Mel Miles

1999-06-22

Bury Lodge heading

Dr. Melvin Miles,
Chemistry and Materials Division,
Naval Air Warfare Center Weapons Division,
China Lake,
CA 93555-6100
U.S.A.

22nd June 1999

Dear Mel,

It is most remiss of me that I have not written to you for such a long time! First of all then, many thanks for the copy of your paper to J.P.C. Fine, and I will write to you further about this in due course.

Secondly, thanks also for your FAX of 21st June 1999. Yes, I am still reasonably fit and chunter along in my usual way. Temperamentally, I am still fighting fit.

The matter of my contribution to your report is again on course. I have completed all the critically important evaluations although some minor matters will have to be cleared up as I proceed with the writing. At the present time I am dealing with just that and hope to have this finished by the end of June. This will just leave the production of a large set of diagrams and spreadsheets which I had anticipated would be finished by the end of July. However, I have to go to Italy next month so mid-August would seem to be a more realistic timing for completing the whole venture.

I had actually carried out most of the calculations by X-mas but I had got rather "boxed in". I then had to deal with numerous other urgent matters but this was no bad thing because when I managed to get back to the task, I found that I could resolve some of the difficulties.

I think that this time scale will allow us to decide how we might best complete the report i.e. how, many sections we should have and what material we should include – i.e. we could go through one rewrite. I certainly appreciate your offer to give me a free hand but, at the same time, I think that it would be sensible if the Report was in the standard format - as far as this is possible. To get this under way, could you please let me know the page size to be used, the margins, the line spacing, rules about headings, spread sheets, diagrams, references and anything else which comes to mind. Should I try to get hold of an American English spellcheck - there is no point in irritating the readers with English English.

As far as I am concerned, there will be one glaring omission. As I told you, Asami gave me a C.D. in Vancouver which contains one set of data for a Pt-blank experiment, I think that it would be very good to aim for an addendum using an N.H.E. blank just to show that everything

is in fact A.O.K. with the system. The problem here is that these data have to be translated to diskettes and one has to make hard copy of some of it. This would have to be paid for so do we have any spare dollars and, if so, how much?

How, as regards my visit to Italy which does bear somewhat on your second paragraph. The whole business there has made very slow progress because E.N.E.A has been reorganised. Carlo Rubbia has been appointed to be Director but, much to my surprise, he is proving to be very sympathetic. Meanwhile, the people on the ground have got some very interesting results. However, we have one severe problem namely that Giuliano has to have a major operation. I believe though that all will be well.

When I go to Italy, I will raise again the question of your participation - that is if you would like me to do so. Of the two other possibilities you have mentioned, I can see that Portland would be attractive geographically but, of course, Illinois would be better scientifically. Should you perhaps consider dividing your loyalties including Italy in your options? Your news about ONR funding fills me with incredulity.

I really don't know what to make of Randall Mills. The whole thing seems quite crazy but then, who am I to make such statements? As I always explain to people, I am a very conventional scientist but then my conventional science includes Q.F.T. and Q.E.D.

Incidentally, ICCF 8 has been put back to next year. I gather that the meeting will be on the Italian Riviera. Should we work up a joint paper on the results you obtained in Japan backed up with a miscellany of NHE results?

More anon and all the best!

Martin

P.S. May I leave you to tell Stan Szpak about the schedule for any section of the Report?

P.P.S. I forgot to tell you that your results show all the major features of excess heat (although at a moderate level), "positive feedback" and "Heat after Death" including one new result.⁸⁵ They also demonstrate the strange features of the NHE analyses. What more could we ask for?

⁸⁵ MM Early appearance of excess heat (Day 2).