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Da: Krivit
Data: 23/05/2011 6.54
A: Levi
Cc: Rossi
Ogg: Essen and Kullander test

Dear Prof. Levi,

As you know, I will be coming to visit in June. In advance, I am trying to do some homework. As a professor, I hope you will appreciate that! :)

I am very interested in the E-Cat test performed on March 29 when Essen and Kullander were present.

I have read their report carefully and I have been in contact with Essen.

1. In their trip report, figure 6 shows the evolution of temperature in Celsius degrees. This figure plots only temperature against time. Is it possible you have a graph that has time, temperature as well as input power?

2. If not, do you have a graph that plots input power against time?

3. I do not know if input power is constant or if it is graduated. If it is graduated, what is changed - current, voltage or resistance? (I understand that at some point in the timeline, power is decreased (or decreases by itself.)

4. In the Essen/Kullander report, Fig. 6. shows Temperature data beginning at Time 10:24:58. Was this the very beginning of the test?

5. In the Essen/Kullander report, Fig. 7. shows Temperature data ending at Time 16:40. Was this the very end of the test?

Cordiali Saluti,

Steven

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At 05:11 AM 5/23/2011, you wrote:

Caro Giuseppe,

Come sai, io sono assolutamente favorevole a dare a Steven Krivit queste info.
[As you know , I am absolutely in favor of giving Steven Krivit these info]

Carissimi saluti,

Andrea

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At 01:43 AM 5/25/2011, Giuseppe Levi wrote:
Dear, Mr. Krivit,

On March 29, input power was recorded by Prof. Kullander and Prof. Essen on their log book by reading a digital current meter on the main power line. This was their test and they have analyzed the data so please refer to them.

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At 01:43 AM 5/25/2011, you wrote:

Dear, Mr. Krivit,

On March 29, input power was recorded by Prof. Kullander and Prof. Essen on their log book by reading a digital current meter on the main power line. As I have told you by phone this was their test and they have analyzed the data so please refer to them. It would be not deotologically correct for me give you data that has been analyzed by them.
Anyway...
Power was almost constant during all the measure. (300W MAX)
So there is no plot of power vs time (questions 1 and 2).
Power can be varied manually. We where measuring only the global power going in the system from the main AC line.
(Question 3) What happen in the box is irrelevant for our analysis and also covered by industrial secret.

(Question 4) From the report:
"The electric heater was switched on at 10:25," take that as the test start time.
(Question 5)
From the report:
" The experiment was continually running from 10:45 to 16:30 when it was stopped "
at 16.40 the system was cool. Take 16.30 as end of test.

Cheers,

G.Levi

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Date: Thu, 26 May 2011 16:10:40 -0700
To: "giuseppe.levi>, "eon33
From: Steven Krivit
Subject: Input Power for Essen and Kullander test

Caro Prof. Levi,

Thank you for your reply.

The reason why I ask for the data on the input power is based on what I normally expect to see when I am given scientific data.

According to Kullander and Essen, you gave them the output temperature and time plot (Fig. 6 and 7 in their report) but you did not give them input data. It seems like only half the picture.

Perhaps it is not important to you and Rossi. My guess is that so long as the input power is ~300W Max and you are getting kW output, then from an industrial perspective, you may consider that input power is irrelevant.

You wrote "We were measuring only the global power going in the system from the main AC line." Who is "we?" Did Rossi and Levi take any measurements of input power during this test? Or only Kullander and Essen?

Cordiali saluti,

Steven