October 12, 1988

#4

Professor L. M. Falicov
Department of Physics
University of California
Berkeley, CA 94720

Dear Professor Falicov:

This will acknowledge, with thanks, the receipt of your comments on the proposal entitled, "The Behavior of Electrochemically Compressed Hydrogen and Deuterium."

Your kind assistance in our evaluation process is genuinely appreciated.

Sincerely,

Ryszard Gajewski, Director
Division of Advanced Energy Projects
Office of Basic Energy Sciences, ER-16

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DATE: 10/11/88

FROM: Prof. L. W. F...

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Washington, DC

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Remarks:

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ONTACTED	Linda			
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Reviewer's Report to the Department of Energy
Proposal by Prof. Stanley Pons
University of Utah
The Behavior of Electrochemically Compressed Hydrogen and Deuterium

This is a truly maverick proposal; it is also an outstanding one.

It proposes to study the feasibility of obtaining nuclear fusion in Deuterium by electrochemical compression in a Pd electrode.

There is some very interesting and high-class electrochemistry involved here. And, even though the probability of finding the ideal conditions of particle density / temperature / volume / lifetime is very small and the chances of success remote, the possible pay-off is so large that support in small scale to this project should be given.

Both principal investigators seem to have the necessary qualifications to carry out high-quality research and to be able to judge their results coolly and impartially.

It is a long-shot, with small probability of success. But it involves good science and the remote possibility of enormous pay-off.

Recommendation: support the research on a one-time-only basis. (No renewal unless positive results are CLEARLY obtained)

L. M. Falicov
Department of Physics
University of California, Berkeley, California
94720

October 8, 1988

REPORT MAILED BACK BY FIRST CLASS U.S. MAIL
ON SATURDAY OCTOBER 8, 1988

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