



Department of Energy

Office of Scientific and Technical Information

Post Office Box 62

Oak Ridge, Tennessee 37831

August 10, 2016

Re: OSTI-2016-01064-F

Dear Mr. Ravnitzky:

This is in final response to the request for information you sent to the Department of Energy (DOE), Office of Scientific and Technical Information (OSTI) under the Freedom of Information Act (FOIA), 5 U.S.C. 552 on June 22, 2016.

You requested a "copy of records, electronic, or otherwise, of each letter TO and FROM universities, companies, and organizations, from the OSTI 'cold fusion' documents collection." On July 11, 2016, you were emailed an interim response letter informing you of the need for OSTI to obtain release authorization from the Department of Energy. OSTI received notification to release the letters to you in their entirety on August 8, 2016. As a result, OSTI is releasing 72 cold fusion letters in this mailing on a CD-ROM because of the volume and file size of the PDFs.

In addition, there are approximately 13 letters that are currently being reviewed by the DOE's General Counsel Office (GC) for release or redaction. Upon receipt of guidance from GC, OSTI will release in whole or in part.

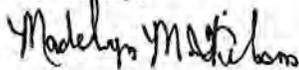
This decision, as well as the adequacy of the search, may be appealed within **90** calendar days from your receipt of this letter pursuant to 10 C.F.R. § 1004.8. Appeals should be addressed to Director, Office of Hearings and Appeals, HG-1, L'Enfant Plaza, U.S. Department of Energy, 1000 Independence Avenue, S.W., Washington, D.C. 20585-1615. The written appeal, including the envelope, must clearly indicate that a FOIA appeal is being made. You may also submit your appeal to OHA.filings@hq.doe.gov, including the phrase "Freedom of Information Appeal" in the subject line. The appeal must contain all of the elements required by 10 C.F.R. § 1004.8, including a copy of the determination letter. Thereafter, judicial review will be available to you in the Federal District Court either: 1) in the district where you reside; 2) where you have your principal place of business; 3) where DOE's records are situated; or 4) in the District of Columbia.

You may contact OSTI's FOIA Public Liaison, Charlene Luther, Office of Preservation and Technology at 865.576.1138 or by mail at the Department of Energy, Office of Scientific and Technical Information, 1 Science.gov Way, Oak Ridge, TN 37830 for any further assistance and to discuss any aspect of your request. Additionally, you may contact the Office of Government Information Services (OGIS) at the National Archives and Records Administration to inquire about the FOIA mediation services they offer.

The contact information for OGIS is as follows: Office of Government Information Services, National Archives and Records Administration, 8601 Adelphi Road-OGIS, College Park, Maryland 20740-6001, e-mail at ogis@nara.gov; telephone at 202-741-5770; toll free at 1-877-684-6448; or facsimile at 202-741-5769.

If you have any questions about the processing of the request or about this letter, please contact Madelyn M. Wilson at

Sincerely,



Madelyn M. Wilson
FOIA Officer
DOE OSTI
1 Science.gov Way
Oak Ridge, TN 37830

ER-16
RGajewski
6/ /89

ER-10
DKStevens
6/ /89

The Honorable Robert S. Walker
Ranking Minority Member
Committee on Science, Space,
and Technology
House of Representatives
Washington, D.C. 20515

JUL 11 1989

ER-61
DMayhew
6/ /89

Dear Congressman Walker:

ER-60
IAdler
6/ /89

This is in response to your letter of June 6, 1989, to Admiral Watkins,
Secretary of Energy, regarding correspondence that you received from
Mr. John Kizer.

CP-30

Enclosed is a copy of my response to Congressman McEwen regarding
Mr. Kizer's letter.

6/ /89

If we can be of further assistance, please do not hesitate to ask.

Sincerely,

Original Signed by
Walter M. Polansky

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

Enclosure

cc:
The Honorable Robert A. Roe
Chairman, Committee on Science,
Space, and Technology
House of Representatives
Washington, D.C. 20515

bcc:
ES/4, CP-30, ER-60, ER-61, ER-16 (Gtn), ER-622 (Forstl)
ER-16:SADerflinger:3-5995:6-19-89:c:Gajewski:Walker
ES# 89-008323 ER# 89-246

Retyped:sad:6-22-89 (per Nawrot/ER-60)

ER-16 ^{RG}
RGajewski
6/20/89

Mr. Robert S. Walker
Republican Vice Chairman
Committee on Science, Space,
and Technology
Suite 2321, Rayburn HOB
Washington, D.C. 20515

ER-10
DStevens
6/21/89

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ER-61
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ER-60
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Sincerely,

Original signed by:
Ryszard Gajewski

CP-30

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

6/ /89

Enclosure

bcc:
ES/4, CP-30, ER-60, ER-61, ER-16 (Gtn), ER-622 (Forstl)
ER-16:SADerflinger/3-5995:6-19-89:c:Gajewski:Walker
ES# 89-008323 ER# 89-246

ES
DEPT OF ENERGY
JUN 23 11 55 AM '89



Department of Energy
Washington, DC 20545

June 13, 1989

The Honorable Bob McEwen
U.S. House of Representatives
Washington, DC 20515

Dear Congressman McEwen:

Your letter of May 4, 1989, to the Department of Energy (DOE) that relayed correspondence from Mr. John Kizer on the subjects of "cold" fusion and on inertial confinement fusion pellet design has been referred to me for reply.

The Division of Advanced Energy Projects is the appropriate entity within the Department of Energy for handling matters related to "cold" fusion. I appreciate Mr. Kizer's bringing to our attention two references to earlier work involving the release of "excess" heat.

The DOE's inertial fusion program is managed by the Division of Inertial Fusion. Mr. Kizer may wish to discuss his pellet design with Dr. Sheldon Kahalas, the Director of that division, who can be reached at 301/353-3345.

Please let me know if I can be of further assistance.

Sincerely,

Original signed by:
Ryszard Gajewski

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

cc:
Sheldon Kahalas, DP-243

ER-16
RGajewski
6/ /89

ER-10
DKStevens
6/ /89

The Honorable Robert S. Walker
Ranking Minority Member
Committee on Science, Space,
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Ryszard Gajewski, Director
Division of Advanced Energy Projects
Office of Basic Energy Sciences, ER-16

Enclosure

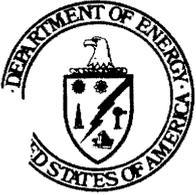
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The Honorable Robert A. Roe
Chairman, Committee on Science,
Space, and Technology
House of Representatives
Washington, D.C. 20515

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ER-16:SADerflinger:3-5995:6-19-89:c:Gajewski:Walker
ES# 89-008323 ER# 89-246

Retyped:sad:6-22-89 (per Nawrot/ER-60)

CP-33
6/27/89

CP-40
6-28



Department of Energy
Washington, DC 20545

June 29, 1989

The Honorable Robert S. Walker
Ranking Minority Member
Committee on Science, Space,
and Technology
House of Representatives
Washington, D.C. 20515

Dear Congressman Walker:

This is in response to your letter of June 6, 1989, to Admiral Watkins, Secretary of Energy, regarding correspondence that you received from Mr. John Kizer.

Enclosed is a copy of my response to Congressman McEwen regarding Mr. Kizer's letter.

If we can be of further assistance, please do not hesitate to ask.

Sincerely,

W. H. M. Polak
for Ryszard Gajewski, Director
Division of Advanced Energy Projects
Office of Basic Energy Sciences, ER-16

Enclosure

cc:
The Honorable Robert A. Roe
Chairman, Committee on Science,
Space, and Technology
House of Representatives
Washington, D.C. 20515



Department of Energy
Washington, DC 20545

June 13, 1989

The Honorable Bob McEwen
U.S. House of Representatives
Washington, DC 20515

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Please let me know if I can be of further assistance.

Sincerely,

Original signed by:
Ryszard Gajewski

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

cc:
Sheldon Kahalas, DP-243

U.S. DEPARTMENT OF ENERGY
OFFICE OF THE EXECUTIVE SECRETARY
DOCUMENT TRANSMITTAL FORM

6/29/89

CONTROL NO. ES-89-008323		ACTS NO.		DATE SENT 06/27/89		DATE DUE 06/29/89	
TYPE OF DOCUMENT/ADDRESSEE Letter to Rep Robert S. Walker for signature of ER				SUBJECT Cold Fusion: Kizer Pellet Design			
FROM MA/1.224							
TO		ACTION COPY TO	INFO COPY TO	TO		ACTION COPY TO	INFO COPY TO
THE SECRETARY (S)				POLICY AND EVALUATION (PE)			
DEPUTY SECRETARY (DS)				INTERNATIONAL AFFAIRS (IA)			
UNDER SECRETARY (US)				CONSERVATION & SOLAR ENERGY (CS)			
CHIEF FINANCIAL OFFICER (CF)				NUCLEAR ENERGY (NE)			
THE SPECIAL ASSISTANT (SA)				FOSSIL ENERGY (FE)			
THE EXECUTIVE ASSISTANT (EA)				DEFENSE PROGRAMS (DP)			
DIR., OFFICE OF THE SECRETARY (DOSE)				ENVIRONMENT (EV)			
PUBLIC AFFAIRS (PA)				RESOURCE APPLICATIONS (RA)			
LEGISLATIVE AFFAIRS (LA)				ENERGY RESEARCH (ER)			
INTERGOVERNMENTAL AFFAIRS (IR)				INSPECTOR GENERAL (IG)			
CONSUMER AFFAIRS (CA)				ADMINISTRATION (AD)			
GENERAL COUNSEL (GC)				CONTROLLER (CR)			
ENERGY INFORMATION ADMINISTRATION (EI)				PROCUREMENT & CONTRACTS MGMT. (PR)			
ECONOMIC REGULATORY ADMIN. (RG)				EQUAL EMPLOYMENT OPPORTUNITY (EO)			
SPECIAL COUNSEL (SC)				MINORITY ECONOMIC IMPACT (MI)			
HEARINGS AND APPEALS (HG)				BOARD OF CONTRACT APPEALS (CB)			
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ACTION REQUIRED (ES USE ONLY)				STAFF ACTION SUMMARY			
SIGNATURE				OFFICE		NAME/INITIALS	DATE
APPROVAL				1	CP33		<i>J. Howell</i> 6/27
INFORMATION				2			
X	CONCURRENCE			3			
COMMENTS AND/OR RECOMMENDATIONS				4	CP-40		<i>[Signature]</i> 6/28
OTHER (SEE REMARKS)				5			
REMARKS: Please forward your signed concurrence to ES by the requested due date.				6			
				7			
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				REMARKS:			
ES CONTACT: <i>[Signature]</i> Travis Hulsey, 586-5075							

U.S. DEPARTMENT OF ENERGY
OFFICE OF THE EXECUTIVE SECRETARY
DOCUMENT TRANSMITTAL FORM

CONTROL NO. ES-89-008323		ACTS NO.		DATE SENT 06/29/89		DATE DUE	
TYPE OF DOCUMENT/ADDRESSEE Letter to Rep. Robert S. Walker for ER signature				SUBJECT Cold fusion			
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CONSUMER AFFAIRS (CA)				ADMINISTRATION (AD)			
GENERAL COUNSEL (GC)				CONTROLLER (CR)			
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CONCURRENCE				3			
COMMENTS AND/OR RECOMMENDATIONS				4			
OTHER (SEE REMARKS)				5			
REMARKS:				6			
The attached letter dated June 29, 1989, was signed by Ryszard Gajewski and dispatched in the Office of the Executive Secretariat on June 29, 1989.				7			
Copies have been provided for your information and files.				8			
Copies have been provided to each concurree.				9			
ES CONTACT: Travis Hulsey, 586-5075				10			
				REMARKS:			

U.S. DEPARTMENT OF ENERGY
CORRESPONDENCE CONTROL FORM
OFFICE OF THE EXECUTIVE SECRETARIAT

ACTIVITY CHANGE **DO NOT DETACH FROM ORIGINAL CORRESPONDENCE** 14:08

SOURCE CODE CR CONSTITUENT REFERRAL

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 DATE CORR: 06/06/89 DATE RECD: 06/09/89 DATE CNTRL: 06/09/89 DATE DUE: 06/23/89
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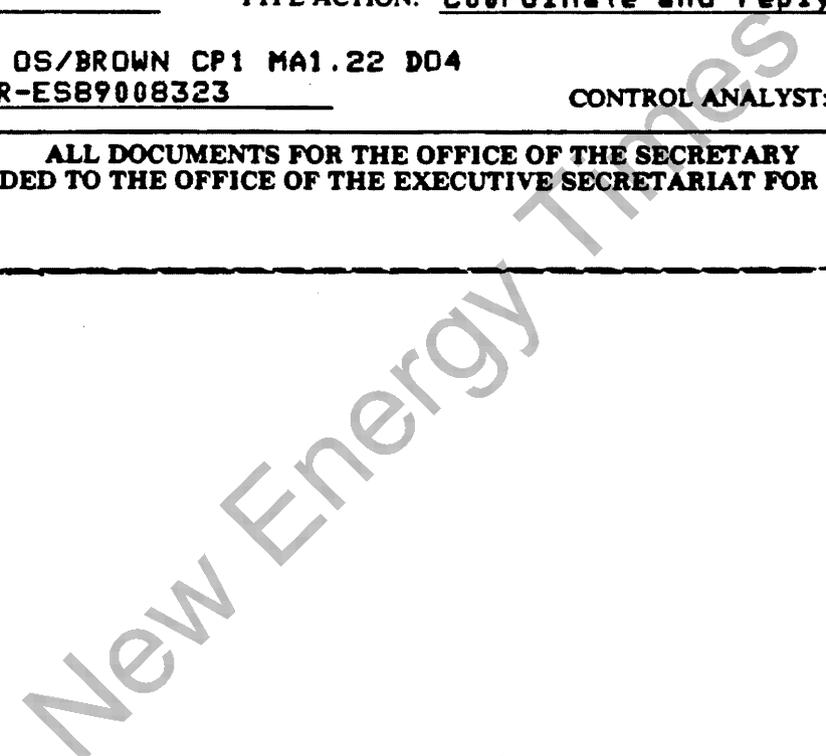
WALKER, ROBERT S REP PA O
 COMMITTEE ON SCIENCE, SPACE,
 AND TECHNOLOGY
 MCEWEN, BOB REP OH C
 KIZER, JOHN OH C
 SUBJ: NUCLEAR
 FUSION
 COLD FUSION: KIZER PELLET
 DESIGN

REMARKS: FINAL RESPONSE OR INTERIM
 ACKNOWLEDGMENT MUST REACH
 THE EXECUTIVE SECRETARIAT
 BY THE DUE DATE.
 RESPOND TO CONGRESSMAN'S
 MCEWEN'S OFFICE.

FOR USE BY ACTION OFFICE ONLY			
ACTION REFERRED TO	DATE	RETURN TO	DUE DATE
1			
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ACTION TO: ER TYPE ACTION: Coordinate and reply direct SIG OF: ER
 CONCURRENCE: CP30
 INFORMATION: DS US DS/BROWN CP1 MA1.22 DD4
 FILE CODE: CRWALKER-ESB9008323 CONTROL ANALYST: B. ATCHERSON...5075

**ALL DOCUMENTS FOR THE OFFICE OF THE SECRETARY
 MUST BE FORWARDED TO THE OFFICE OF THE EXECUTIVE SECRETARIAT FOR FINAL PROCESSING**



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JAMES H. SCHEUER, New York
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DAVID E. SKAGGS Colorado
JERRY F. COSTELLO Illinois
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U.S. HOUSE OF REPRESENTATIVES
COMMITTEE ON SCIENCE, SPACE,
AND TECHNOLOGY

SUITE 2321 RAYBURN HOUSE OFFICE BUILDING
WASHINGTON, DC 20515
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HAROLD P. HANSON
Executive Director
ROBERT C. KETCHAM
General Counsel
DAVID D. CLEMENT
Republican Staff Director

June 6, 1989

Hon. James D. Watkins
Secretary
Department of Energy
1000 Independence Avenue, SW
Washington, DC 20585

Dear Mr. Secretary:

I am forwarding the enclosed correspondence from Mr. John Kizer for your review.

To help expedite Congressman McEwen's request, please have the Department forward their response directly to the Congressman's office.

I sincerely appreciate your attention to this matter. Keep up the good work.

Sincerely,

ROBERT S. WALKER
Republican Vice Chairman

RS/Rgd

Enclosure

New Energy Times

JOHN KIZER

3500 Orchard Drive - Portsmouth, Ohio 45662
Phone (614) 354-6267

April 30, 1989

The Honorable Bob McEwen
U.S. House of Representatives
Washington, D.C.

Re: Cold fusion;
Kizer pellet design

Sir:

I have been involved in private nuclear fusion research for approximately six years, and I have some information which is critically related to the cold fusion experiments of Pons and Fleischmann at Utah, about which there were hearings last week before a House committee. Because cold fusion is a totally new idea, I have been unable to find to whom this information should be sent, as there is no established cold fusion bureaucracy. Thus, I am contacting you so that you might be able to forward it to the appropriate people within the Department of Energy and the House of Representatives.

Specifically, in 1947, Lord Rayleigh published in The Proceedings of the Royal Society a report of an experiment in which he dissociated hydrogen into atoms in the presence of platinum. He found enormous thermal energies released far greater than could be explained by the heat of recombination of hydrogen. Rayleigh did not know the source of this energy. In 1957, Burgess and Robb in the Transactions of the Faraday Society 53 showed that traces of oxygen (.22 to .94 mm.) with hydrogen atoms will cause a rise in temperature on a metal wire many times exceeding the heat of recombination of H atoms on the wire.

These experiments are strikingly similar to the electrochemical experiments of Pons and Fleischmann and mean either that there is a chemical explanation for their results (although, perhaps, a useful reaction is there) or else that Rayleigh and Burgess and Robb were observing fusion 32 and 42 years ago. In either case, the conditions under which a similar energy release is observed in a non-electrochemical situation should be of immediate interest. This is only a summary. Anyone who is desirous of more information should feel free to call me.

More importantly, I have myself developed a new pellet design which, in my opinion, would permit ignition using currently available implosion devices at the national laboratories. I actually developed this in early 1984 but I have been reluctant to approach government agencies (I did SDI, but they did not even respond to my letter) because of the NIH ("not-invented-here") syndrome. There is a natural and understandable reluctance by researchers directly involved with a problem to believe that someone they do not know could come up with a better idea than the ones they have. It is not the normal course. I did, however, have a true idea, that is, a new understanding of the physics of the situation which

led me to a better pellet design for inertial confinement fusion.

As you may know, a workable pellet design for controlled fusion will also have implications for fusion bomb technology, so I have eschewed the urgings of some to contact foreign governments or corporations. (Specifically, a workable design for a controlled fusion pellet will also make it possible to detonate a fusion bomb without a fission trigger, eliminating many of the engineering limitations on nuclear proliferation). I had felt that it would be somewhat futile even to approach the government about testing my pellet design because I am a "nobody" in the fusion community but, though my idea is somewhat radical, it is about 1/100,000 th as radical as cold fusion a la Pons and Fleischmann. By comparison I am in the mainline of fusion research. If my pellet design would receive a testing and would work, it would justify the billions that have been spent on the main line of fusion research (particularly inertial confinement fusion) so I am hoping that you will be able to help me in finding an open-minded individual within the DOE or DOD who will at least give my idea a fair hearing. I thank you for any help that you can give me.

Though I am unknown in the fusion community, I am not an ignoramus. I represented Ohio State on the General Electric Bowl television program. I won an NSF and two other fellowships in graduate school and I have won several small physics awards in competition with well-known people (one of which, coincidentally, was judged at the University of Utah). The Foundation for Economic Education (publisher of The Freeman and many other things) wrote in 1974 that I had "added a new dimension to studies of the energy crisis." In all, I have had approximately one hundred publications.

I hope the information related to "cold fusion" is of benefit, and I hope that we can work together to further what I believe is my solution to the problem of controlled fusion.

Very truly yours,

John Kizer
John Kizer

JK:sk

*Call
Nick*