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SBCY-1962

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July 30, 1971

This document consists of 33 pages
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LIMITED DISTRIBUTION
INFORMATION MEETING ITEM

KMS MATTER

Note by the Secretary

The General Manager has requested that the attached memorandum of July 30, 1971 from the Assistant General Manager for Military Application, with the following attachments, be circulated for consideration by the Commission at the Information Meeting scheduled for Monday, August 2, 1971:

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1. Copy of SBCY-1643	8
2. June 30, 1971 letters from Roy B. Snapp to Mr. Wiltrot	27
3. Analysis of Previous Access	29
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5. Chart on Proposed Method of Financing and Managing the KMSI Laser-Fusion Research and AEC-KMSI Contract.	33

W. B. McCool

Secretary of the Commission

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 GROUP 1
 10/1/71
 [Handwritten initials]



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

JUL 16 1971

Chairman Seaborg
Commissioner Rumsfeld
Commissioner Johnston
Commissioner Larson

THRU: General Manager

KMSI REQUESTS FOR REPRESENTATIVES OF IBM AND DU PONT TO REVIEW
CLASSIFIED KMSI PATENT APPLICATIONS ON LASER-FUSION

The purpose of this memorandum is to seek Commission advice concerning the KMSI requests that representatives of IBM and Du Pont be permitted to review the KMSI classified patent applications. The two requests will be discussed separately.

1. IBM Representatives

At Information Meeting No. 1144 on June 4, 1971, the Commission considered SECY-1643 (Attachment 1) concerning a request from KMSI that Drs. Garwin and Piore be authorized to hold classified discussions with KMSI and review their patent applications for IBM. The Commission approved the request subject to stringent restrictions on access contained in SECY-1643.

After discussion at that meeting, staff informed KMSI informally that the Commission had decided that Drs. Piore and Garwin could review the classified patent applications, KMSI personnel could have no classified discussions with them, and the joint review would result in the attribution to Dr. Piore of Dr. Garwin's access, which might be enough to preclude any continuing role for Dr. Piore in the joint venture.

IBM has now modified its original request to the extent reflected in the attached letters (Attachment 2). That is, they have posed the following questions:

- A. may KMSI representatives hold classified discussions with Dr. Piore without Dr. Garwin; and
- B. if so, what, if any, subsequent communications would be permitted between Drs. Piore and Garwin on the subject of IBM participation in the joint venture?

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The reason for the new request is primarily IBM's desire that, if they believe to be prudent, they will be able to select Dr. Piore as their representative to the joint venture. IBM representatives have said that they could like an answer to the first question as soon as possible but that the answer to the second question is not so important. It is noted that the patent(s) Dr. Piore may not wish to discuss does not include the patent(s) Dr. Piore may not wish to discuss with IBM. We further understand that the present IBM intention is that Dr. Garvin will review the process for IBM and the stringent restrictions on access approved by the Commission at Information Meeting No. 1144 (See Attachment 1, by IBM et al). The desire for consultation between Drs. Piore and Garvin is primarily to avoid inconsistencies between their respective reports which may or may not be material, but which classification considerations may prevent them from explaining fully to each other.

Attachment 3 contains a chart including the previous access of the IBM group to RMI approved for access as industry representatives (Dr. Edward R. Piore and Dr. Richard Garvin -- IBM; Mr. A. P. Fontaine and Mr. Russell D. O'Neal -- Sandia; and Dr. James R. White -- Mobil). It shows that Dr. Piore's access to relevant information has been significantly more than that of Dr. Fontaine, Dr. White, or Mr. O'Neal.

Article XI, Access Restrictions, of the AEC-RMI contract contains the following language:

"Except as specifically approved by the Commission: (1) no security clearance will be processed for any individual who has had access to Restricted Data concerning atomic weapons or to any Defense Information which the Commission considers relevant to work under this contract;..."

It is also noted that the Commission, in its consideration of SECY-1946* on July 28, 1971, indicated that individuals who have scientific, engineering, or technical education, background, or training and who have had access to pertinent classified information which could be of technical program assistance to RMI's technical laser-fusion research program are not suitable for employment on the contract work.

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*Secretariat Note: Approved, in part, at Information Meeting 1161.

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2. Du Pont Representatives

Pursuant to procedures that were approved by the Commission for review of patent applications on behalf of Mobil and IBM (SECY 1643), KMSI has submitted a letter (Attachment 4) requesting AEC to permit access to the patent applications by the following representatives of Du Pont:

Dr. Richard G. Bennett
Dr. Elias P. Gyftopoulos
Dr. Daniel S. St. John.

*Doc
bls)*

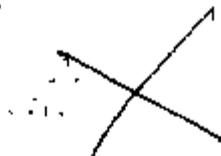
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Summary

to be kept with a review and recommendation on the matters covered herein.

Regarding Dr. Proce and Dr. Piro

Staff recommends that (1) Dr. Piro be permitted to have access to classified information concerning the laser-fusion research and the patent that Dr. Piro is reviewing the classified patent applications, and (2) subsequent discussions between Dr. Garwin and Dr. Proce and Piro, this matter be permitted on some basis which would protect Dr. Piro's availability to serve as the IBM representative on the Joint Venture Board.

Staff recommends that (1) KMSI not be permitted to hold classified information, Piro in view of his past access, and (2) regarding discussions with Dr. Garwin, Dr. Proce is not an appropriate representative on the Joint Venture Board.

Regarding Dr. Piro's representatives

Staff recommends that Drs. Bennett and Gyfopoulos be authorized access to the classified patent applications on the same basis as previously authorized for Dr. Hines and that Dr. St. John be authorized such access on the basis of the procedure authorized for Dr. Garwin. These procedures are set out in Attachment 1, Appendix B.

Edward B. Giller
Edward B. Giller
Major General, USAF
Assistant General Manager
for Military Application

Attachments:

1. Cy SECY-1643 dtd 6/3/71
2. Cys ltrs Wiltrout fm Snapp dtd 6/30/71
3. Analysis of Previous Access (S/RD)
4. Cy ltr Wiltrout fm Snapp dtd 7/16/71
5. Chart--Proposed Method of Financing and Managing the KMSI Laser-Fusion Research and AEC-KMSI Contract

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This document contains information which is exempt from release under the provisions of the Freedom of Information Act, 5 U.S.C. 552, which is hereby certified to be exempt from release.



GCNY-1503

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MEMORANDUM FOR THE SECRETARY OF THE COMMISSION
FROM: DEPT. OF COMMERCE, BUREAU OF APPLICATIONS WITH
REGULATORY DIVISION
DATE: 10/10/50

The General Manager has requested that the attached report by the Department of Commerce Bureau for Atomic Application be circulated to the members of the Commission at the Information Meeting scheduled for Monday, June 4, 1950.

W. B. McCool
Secretary of the Commission

<u>DISTRIBUTION</u>	<u>COPY NO.</u>
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U. S. ATOMIC ENERGY COMMISSION

KMS REPORT ON DISCUSSING PATENT APPLICATIONS
WITH IBM AND MOBIL R&D ON LASER-FUSION

(DISCUSSION PAPER)

Report to the General Manager by the
Director of the Division of Military Application

THE PROBLEM

1. To consider whether, and on what conditions, KMSI may hold classified discussions with specified representatives of IBM and Mobil R&D
2. To attempt to interest those companies in entering into a Joint Venture with KMSI and Bendix to develop the KMSI laser-fusion patent applications, and to establish procedures for dealing with similar future requests.

BACKGROUND AND SUMMARY

2. As the Commission is aware, KMSI and Bendix have signed an agreement to pursue the work described in the KMSI-Brueckner patent applications to the extent permitted by our contract. The proposed arrangements contemplate the association of a few additional partners (probably less than 6) in a Joint Venture by October 1971. KMSI is now attempting to interest other private companies in joining the project.

3. We have received letters (copies attached as Appendix "A") from Mr. Roy Snapp, Washington counsel for KMSI, requesting the AEC to authorize classified discussions with the following individuals to enable their companies to determine whether to participate with KMSI in their laser-fusion project:

Dr. James R. White
Manager of Chemistry and Lubricants Research
Mobil Research and Development Corporation

Dr. E. R. Piers
Vice-President and Chief Scientist
International Business Machines Corporation

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KMS PROPRIETARY

~~CONFIDENTIAL LIMITED~~
~~CONFIDENTIAL LIMITED~~

Dr. Richard Garwin
Member of Corporate Technical Committee
International Business Machines Corporation

4. Pursuant to procedures developed subsequent to the extension of the access authorizations to Drs. Fontaine and O'Neal to review the patent applications on behalf of Bendix, KMSI has submitted statements for all three of the above individuals showing in general the extent of their past access to classified weapons and laser information.

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22. The divisions of Classification, Military Application, Research and Security and the Office of the General Counsel recommend that the Commission approve the request that Dr. White of Mobil be permitted access to the KMSI patent applications, and would like to discuss with the Commission the question of whether or not Drs. Fiore and Garwin should be permitted such access for IBM. Suggested procedures to govern the access of Dr. White are in Appendix "B" I. If Drs. Garwin and Fiore are to be authorized access, the staff suggests the procedures outlined in "B" II should be followed. KMSI representatives have asked that, if the Commission wishes to consider the request for Drs. Garwin and Fiore further, the request for Dr. White not be delayed on that account.

LIST OF REFERENCES

	Page	
1.1	Received from GIBI requesting authorization for access	17
1.2	Proposed procedures for Access to KNSI Patent Applications	22

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APPENDIX "A"

[REDACTED]

LEWIS & CLARK
BICHOFFER, SNAPP & TRIPPE
SUITE 610, 1726 K STREET, N.W.
WASHINGTON, D. C. 20006
TELEPHONE: (202) 223-1006
CABLE: BICHRAT

LEWIS & CLARK
BICHOFFER, SNAPP & TRIPPE

HAROLD WILKINSON
OF COUNSEL

April 14, 1971

Refer to: KMS-AE-2/2

Dr. Lawrence E. Killian
Division of Military Application
Atomic Energy Commission
Washington, D. C. 20545

Dear Dr. Killian:

Reference is made to Contract AT(49-2)-3001 between the Atomic Energy Commission and KMS Industries.

KMSI requests that the Atomic Energy Commission authorize the holding of classified discussions with the following individuals:

Mr. E. R. Piore (Mr. Edward R. Piore)
Vice President and Chief Scientist
International Business Machines Corporation
Armonk, New York 10504

Dr. Richard Garwin
Member of Corporate Technical Committee
International Business Machines Corporation
Armonk, New York 10504

I am advised that both of these men have "Q" clearances.

The purpose of requesting this authorization for Mr. Piore and Dr. Garwin is to show them the KMSI patent information at an early date at the KMSI cleared facility in Ann Arbor (there will be no exchange of classified documents). As indicated in the attached copy of a letter from the Vice President and Chief Scientist of International Business Machines Corporation to KMSI, Mr. Piore and Dr. Garwin will make an unclassified report to IBM's management as to their conclusions. Thereafter, IBM expects to notify KMSI promptly as to its decision regarding participation in the controlled thermonuclear project that KMSI has underway.

Sincerely yours,

Roy B. Snapp

Roy B. Snapp

Enc.

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Appendix "A"

~~OFFICIAL USE ONLY~~

Armonk, New York 10504

April 8, 1971

Mr. J. W. Birkenstock
Vice President

Professor Keith C. Bruegel
Chairman
KMSI
1000 Westchester Avenue
Yonkers, NY 10594

Dear Mr. Birkenstock:

As a result of discussions which you and I have had covering unclassified material relating to our controlled thermonuclear project that KMSI has under way. As a result of these discussions, IBM has concluded that it would like to proceed further with a review of the proposed project to determine whether our company should consider possible participation in the development activity.

We believe such an evaluation should be carried on in two phases, the first being a fact-finding evaluation which would be followed by a business evaluation. The technical evaluation will require review of the KMSI classified patents by two individuals of our company. In addition to my own review, we have selected Dr. Richard Garwin, who is a member of the Corporate Technical Committee as well as an IBM Fellow.

Upon completion of the technical evaluation Dr. Garwin and I will make a report to IBM management which will not disclose any of the classified information. If the results of that evaluation are positive, we would then hope to enter into further discussions with KMSI on the business relationship which was outlined in the proposal provided to us on March 2.

There are, of course, numerous questions to be answered about such a business relationship, and these discussions would be conducted by myself and Mr. J. W. Birkenstock, Vice President, Corporate Relations. Following those discussions we would be able to notify you promptly as to the decision of IBM regarding its participation in the development activity.

RECEIVED

APR 13 1971

KMS INDUSTRIES

Professor Rocco M. Siegel

April 8, 1971

Because KMSI has already and may in the future provide IBM with information which KMSI deems confidential (apart from the classified information), we would like to have an understanding on the handling of this information. Our normal procedure would provide that any such information will be considered as KMSI Confidential only if designated in writing as confidential. If such information is conveyed orally, it will be considered confidential only if so designated in writing within thirty (30) days of transmission to IBM. IBM will hold any such KMSI Confidential information in confidence for a period of two (2) years from the date of receipt, and will treat such information in the same manner as IBM treats its own confidential information. As is normally the case, information will not be confidential which is:

- (a) already in the possession of IBM;
- (b) independently developed by or for IBM;
- (c) rightfully received from a third party; or
- (d) becomes publicly available.

I trust that this arrangement is agreeable to you. If not, I would be glad to have a counter-suggestion.

In connection with the technical evaluation we would appreciate KMSI taking steps to secure the appropriate security and other necessary clearance for Dr. Garwin and me with the Atomic Energy Commission and the U. S. Patent Office. Both of us currently have Top Secret Q Clearance.

Sincerely,

ERP

E. R. Piore
Vice President and Chief Scientist

ERP:mks



LAW OFFICES
BECHHOEFER, SNAPP & TRIPPE

SUITE 612, 1726 K STREET, N.W.
WASHINGTON, D. C. 20006
TELEPHONE: (202) 852-1066
CABLE: BEBNAW

BERNHARD D. BECHHOEFER
ROY B. SNAPP
JERRY C. TRIPPE

MARION WILLIAMS
OF COUNSEL

April 13, 1971

Dr. Lawrence E. Killion
Division of Military Application
Atomic Energy Commission
Washington, D. C. 20545

Refer to: KMS-AE-2/1

Dear Dr. Killion:

Reference is made to Contract AT(49-2)-3001 between the Atomic Energy Commission and KMS Industries.

KMSI requests that the Atomic Energy Commission authorize the holding of classified discussions with the following individual:

Dr. James R. White
Manager of Chemistry & Lubricants Research
Mobil Research & Development Corporation
P. O. Box 1025
Princeton, New Jersey 08540

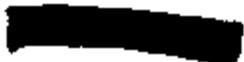
4 clearance - NY-28148

The purpose of requesting this authorization for Dr. White is to show him the KMSI patent information at an early date at the KMSI cleared facility in Ann Arbor (there will be no exchange of classified documents). As indicated in the attached copy of a letter from the Chairman of the Board of Mobil Oil to KMSI, Dr. White will make an unclassified report to Mobil's management as to his conclusions. Thereafter, Mobil Oil expects to notify KMSI promptly as to its decision regarding participation in the controlled thermonuclear project that KMSI has underway.

Sincerely yours,

ROY B. SNAPP

Attachment



Mobil Oil Corporation

PLEASE REPLY DIRECT
TO WYOMING, IN WYOMING 82017

April 8, 1971

RECEIVED

APR 12 1971

KMS INDUSTRIES

~~CONFIDENTIAL~~

Professor K. M. Siegel
Chairman
KMS Industries, Inc.
P. O. Box 1776
Ann Arbor, Mich. 48106

Dear Professor Siegel:

Reference is made to the unclassified discussions which have been held between our two companies regarding the controlled thermonuclear project that KMSI has underway. As a result of these discussions, R. W. Schiessler feels that this is the type of development and activity in which our company should consider for possible participation.

We have reached the point in our deliberations where it is essential for our further consideration to have a technical evaluation of the KMS classified patents. In view of the classification of the information involved, we are willing to have this evaluation performed by a single individual of our company. We have selected Dr. James R. White who is the Manager of Chemistry & Lubricants Research for our Mobil Research & Development Corporation, P. O. Box 1025, Princeton, N. J. (08540), and who has an existing Q clearance, No. NY-28148.

Upon completion of his evaluation Dr. White will make an unclassified report to the Mobil's management as to his conclusions. Therefore, we would expect to notify you promptly as to the decision of Mobil regarding its participation.

We would appreciate KMSI taking steps to secure appropriate security and other necessary clearances for Dr. White with the Atomic Energy Commission and the U.S. Patent Office.

Sincerely,

Rawleigh Warner, Jr.
Rawleigh Warner, Jr.
Chairman, Board of Directors
and Chief Executive Officer

cc: R. W. Schiessler
J. R. White

APPENDIX "D"

PROCEDURES FOR ACCESS TO KNSI
CLASSIFIED PATENT APPLICATIONS

In each instance:

1. KNSI requests access for a specified individual, and provides to AEC his current clearance status and his statement concerning his prior access to relevant information.
2. Staff verifies information provided, and takes any action necessary to assure that individual's "Q" clearance is active.
3. Commission authorizes access.
4. AEC Patent Counsel asks Patent Office to amend the relevant Patent Secrecy Orders.

When these actions have been completed:

1. If the approved individual had not previously had significant access to classified laser or nuclear weapons design technology the following steps would apply:
 - (a) KNSI would be advised that the individual's access to the applications had been approved, the secrecy orders appropriately amended, and that KNSI could exhibit the classified patent applications to the named individual under the following conditions.
 - (b) The firm involved will submit to the Contract Administrator a statement signed by an authorized company representative (other than the individual who is to review the patent applications) indicating the company's acceptance of the following conditions:
 1. The company understands and agrees to the security restrictions concerning the contents of the patent applications, and understands that the author of the report may not reveal classified information to the company in explanation of his report.
 2. The company has reviewed Contract No. AT(49-2)-3001 between AEC and KNSI and understands that the limitations and restrictions to which KNSI agreed therein will also apply to it if it decides to participate in the Joint Venture.

(c) KMSI would agree to, and obtain the individual's agreement to, the following:

1. The purpose of the review is solely for the designated individual to prepare an unclassified report for his firm, based on his review of the patent applications, indicating his recommendation regarding the firm's participation in the KMSI laser-fusion research. AEC representatives would provide classification and security guidance to enable him to write an unclassified report.
2. Patent application documents would be reviewed at KMSI secured facility or at R Street, and not be removed from the secure area at any time, nor will notes, outlines, extracts, drawings, etc., prepared therefrom be so removed.
3. Cleared secretarial service would be provided in the secure area for the preparation of the individual's report, and the individual may consult with KMSI while preparing it. No copies will be made.
4. The individual's report will be immediately submitted by KMSI and the individual concerned to AEC (in accordance with Secret Restricted Data document transmission procedures) for classification review. Use of the report is contingent upon AEC agreement that it is unclassified.
5. Any notes, draft or reproduced material, sketches, waste or scrap paper, carbon paper or other written material used in preparation of the report will be destroyed in accordance with Secret Restricted Data document destruction and disposal procedures.

- (d) The AEC Division of Classification will either determine that the report is unclassified or advise the individual of the changes necessary to declassify it.
 - (e) AEC will debrief the individual if review of his report indicates this is necessary, reminding him of his continuing responsibility to protect the classified information revealed to him by his review of the patent applications. Specifically, he will be told that he may not discuss or elaborate on the written unclassified report to his firm when such discussions or elaborations may reveal classified information. KMSI representatives may be present at this debriefing.
 - (f) The unclassified report will be sent by AEC to its author.
11. If the approved individual has previously had significant access to classified laser or nuclear weapons technology the following steps would apply:
- (a) KMSI would be advised that the individual's access to the patent application was approved, the secrecy orders appropriately amended, and that KMSI representatives and the cleared individual could meet with the AEC Contract Administrator at a mutually acceptable time at the AEC H Street Office, Washington, D.C., where AEC would exhibit the classified patent applications for review.
 - (b) The firm involved will submit to the Contract Administrator a statement signed by an authorized company representative (other than the individual who is to review the patent applications) indicating the company's acceptance of the following conditions:
 1. The company understands and agrees to the security restrictions concerning the contents of the patent applications, and understands that the author of the report may not reveal classified information to the company in explanation of his report, nor serve as the firm's representative to the Joint Venture.
 2. The company has reviewed Contract No. AT(49-2)-3001 between AEC and KMSI and understands that the limitations and restrictions

to which KMSI agreed therein will also apply to it if it decides to participate in the Joint Venture.

(c) AEC would obtain KMSI's and the individual's agreement to the following:

1. The purpose of the review is solely for the designated individual to prepare an unclassified report for his firm, based on his review of the patent applications, indicating his recommendation regarding the firm's participation in the KMSI laser fusion research. AEC will give security and classification guidance to enable him to write an unclassified report.
2. Patent application documents will not be removed from the AEC offices at any time, nor will notes, outlines, extracts, drawings, sketches, report drafts, scrap paper, carbons, or other written material prepared in connection therewith be so removed.
3. Cleared secretarial services would be provided in the secure area for preparation of the individual's report. No copies will be made.
4. No copies of the report will be made; the individual may not consult with KMSI representatives concerning it or the patent applications.
5. The individual's report will not be removed from the secure area, but will be left there for classification review. Use of the report is contingent upon AEC agreement that it is unclassified.

(d) The AEC Division of Classification will either determine that the report is unclassified or advise the individual of the changes necessary to sanitize it.

- (e) AEC will debrief the individual if review of his report indicates this is necessary. He will be told that he may not discuss classified matters in elaborating on his written unclassified report to his firm. He will also be told that he may not, at any time, discuss the classified KMSI patent applications with KMSI, or participate in the KMSI laser fusion project or any similar project which is denied access to Government-generated classified laser or atomic weapons design data. KMSI may be present at this debriefing.
- (f) The unclassified report will be sent by AEC to its author.

LAW OFFICES
BROTHGROVE, SNAPP & THORPE
SUIT 612, 1700 K STREET, N.W.
WASHINGTON, D. C. 20009
TELEPHONE: 452-2510/1014
FACSIMILE: 452-2510

U.S. DEPARTMENT OF ENERGY
OFFICE OF GENERAL
COUNSEL

MARSHALL WALKER III
ATTORNEY

June 30, 1971

Refer to: KMS-AE-2/5

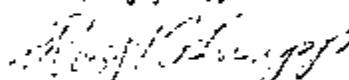
Mr. Alan W. Wittrodt
Assistant Director of Military Application
U. S. Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. Wittrodt:

Reference is made to KMS-AE-2/2, in which KMS Industries requested that the AEC authorize the holding of classified discussions with Dr. Richard Garwin of IBM. KMS Industries now wishes to modify this request. KMS Industries requests that Dr. Garwin be given access to the classified patent information on file at the AEC and possibly other classified proprietary documents that KMS Industries may submit in the future on file at the AEC specifically for review by Dr. Garwin. KMS Industries contemplates holding no classified discussions with Doctor Garwin.

Dr. Emanuel R. Pione of IBM would like, however, to have discussions with Doctor Garwin after Doctor Garwin has examined the classified information. To help safeguard against the inadvertent passage of information in violation of Section XI of the AEC contract, KMS Industries suggests that the proposed discussions between Doctor Garwin and Doctor Pione take place in the presence of a properly cleared and knowledgeable AEC official. Of course, detailed procedures would have to be worked out with the AEC to handle this matter.

Sincerely yours,


Roy B. Snapp

COMMISSION ON SCIENCE & TECHNOLOGY

1000 PENNSYLVANIA AVENUE, N.W.

WASHINGTON, D. C. 20540

TELEPHONE: (202) 253-1000

CABLE: USNRAT

ROY B. SNAPP
DIRECTOR

MEMBER
OF COUNCIL

June 30, 1971

Refer to: KXS-AE-2/4

Mr. Glen W. Whitcomb
Division of Industry Application
U. S. Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. Whitcomb:

This is to advise that on further consideration KXS Industries wishes to have classified discussions with Dr. Emanuel R. Piore separate and apart from any other individual from IBM. In the event that IBM does participate in some way in the KXS Fusion Project in the future, it is contemplated that Dr. Piore would continue to represent IBM in a senior capacity.

Sincerely,



Roy B. Snapp

KMS PROPRIETARY

~~SECRET~~

ANALYSIS OF PRIOR ACCESS OF INDUSTRY REPRESENTATIVES

NAME

PAST ACCESS
(See definitions in
key at end of chart)

CLASSIFIED
INFORMATION WHICH
COULD BE REVEALED

POSSIBLE UTILIZATION OF
INFORMATION BY KPSI IN
THEIR INFORMATION PROGRAM

DOE b(2)

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~~GROUP 1
Excludes information
downgraded and
classified~~

~~RESTRICTED DATA
Group 1
Excludes information
in the possession of
the Government which
is disseminated to
unauthorized persons or
organizations~~
Attachment

~~SECRET~~

NAME

PAST ACCESS
(See definitions in
key at end of chart)

CLASSIFIED
INFORMATION WHICH
COULD BE REVEALED

POSSIBLE UTILIZATION OF
INFORMATION BY KMSI IN
THEIR LASER-FUSION PROGRAM

DOE
b(2)

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- 30 -

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~~SECRET~~

~~SECRET~~

DEFINITIONS:

- Sigma I - "Theory (hydrodynamic and nuclear) of operation and complete design of thermonuclear weapons or their unique components."
- Sigma II - "Theory of operation and complete design for all types of fission weapons warheads. This includes the HE system with its detonators and firing units, Pit system and nuclear initiation system, as they pertain to warhead design and theory."
- Classified Laser Program - Classified information on laser pellets and their interactions or classified information concerning DOD's laser program.

~~SECRET~~

LAW OFFICES
BECHNOEPER, SNAPP & TRIPPE

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MASON WILLIAMS
OF COUNSEL

July 16, 1971

Refer to: AEC-AE-B/5

Mr. Glen W. Willbroun
Assistant Director of Military Application
Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. Willbroun:

Reference is made to Contract AC(40-2)-701 between the Atomic Energy Commission and KMS Industries, Inc.

KMSI requests the AEC authorize classified discussions with the following individuals of the Dupont Company:

Dr. Richard G. Bennett
Dr. Elias P. Gyftopoulos
Dr. Daniel S. St. John.

The purpose of requesting this authorization is to show these men the KMSI patent information at an early date at the KMSI cleared facility in Ann Arbor (there will be no exchange of classified documents). These three individuals will make an unclassified report to Dupont management as to their conclusions. The review of the patent information for classified discussions and for the submission of unclassified reports to the Dupont management will be in accordance with guidelines provided by the AEC. Enclosed are the Past Access forms for the three above individuals.

As you can appreciate, it is a most urgent matter that a decision by prospective partners be arrived at at the earliest possible time.

Thank you for your cooperation in this matter.

Sincerely yours,

Roy B. Snapp
Roy B. Snapp

RBS:eh

Enclosures

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Attachment 4

[REDACTED]

KMS PROPRIETARY

PROPOSED (NOT YET APPROVED) METHOD OF FINANCING AND MANAGING THE
KMSI LASER-FUSION RESEARCH AND AEC-KMSI CONTRACT

DOE
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[REDACTED]