

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

NOV 3 1966

- Mr. Tolson \_\_\_\_\_
- Mr. DeLoach
- Mr. Mohr \_\_\_\_\_
- Mr. Wick \_\_\_\_\_
- Mr. Casper \_\_\_\_\_
- Mr. Callahan \_\_\_\_\_
- Mr. Conrad \_\_\_\_\_
- Mr. Felt \_\_\_\_\_
- Mr. Gale \_\_\_\_\_
- Mr. Rosen \_\_\_\_\_
- Mr. Sullivan
- Mr. Tavel \_\_\_\_\_
- Mr. Trotter \_\_\_\_\_
- Tele. Room \_\_\_\_\_
- Miss Holmes \_\_\_\_\_
- Miss Gandy \_\_\_\_\_

*Div*

Honorable J. Edgar Hoover  
Director, Federal Bureau of  
Investigation  
United States Department of Justice

SUBJECT: [REDACTED]

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b7c/4*

DECLASSIFIED BY 5668 SLD/117  
ON 6-10-85  
Per DOE letter 6-6-85

Dear Mr. Hoover:

Federal Bureau of Investigation memorandum dated October 13, 1966, cited as above, noted that Assistant Attorney General J. Walter Yeagley had been requested to advise the FBI whether Dr. Zalman Mordecai Shapiro of Nuclear Materials and Equipment Corporation (NUMEC), Apollo, Pennsylvania was required to register under the Foreign Agents Registration Act of 1938, as amended.

The memorandum thereafter set forth an opinion by Mr. Yeagley, which referred to certain activities of Dr. Shapiro and NUMEC related to the Israeli Government, and concluded "it does not appear that the subject or his company is constituted an agent of a foreign principal under the Foreign Agents Registration Act, as amended, so as to require registration thereunder."

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As the FBI is aware, the Department of Justice, to service the inquiry of the Joint Committee on Atomic Energy on the point, advised the AEC of such opinion by letter of October 21, 1966. Such letter has been furnished the JCAE.

The JCAE now has inquired as to whether the Department of Justice determination concerning the nonsusceptibility to registration of Shapiro and NUMEC under the Foreign Agents Registration Act, as amended, applies to their reported activities relative to countries other than Israel, including

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Honorable J. Edgar Hoover

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France, Sweden, Italy, Japan, Canada, Australia, Belgium, and Germany.  
We would appreciate your obtaining advice from the Department of Justice  
on such point.

Transmitted herewith, in this connection, is a summary of the foreign  
activities of NUMEC as they are known to the Division of Security.

Sincerely yours,

*Joh V. Vinciguerra*

J. V. Vinciguerra  
Assistant General Manager  
for Administration

Enclosure:

List of Foreign Governments  
and Private Firms Related  
to NUMEC

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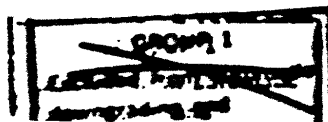
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The following is a list of foreign governments and private firms with which NUMEC has either contracts, agreements or has had preliminary discussions, in the field of nuclear energy.

1. NUMEC and Societe d' Applications Industrielles de la Physique (SAIP) have formed NUMEC Instruments and Controls Corporation (NUMINCO). The firm is a Pennsylvania corporation and is located in Monroeville, Pennsylvania. It is established to manufacture and market nuclear instruments and instrumentation and process-control equipment (principally nuclear). NUMEC and SAIP each hold a one-third interest, with the remaining interests being held by a group of private investors. SAIP will manufacture most of the products and NUMEC will be responsible for management, technical back-up and marketing. Some of the products to be manufactured are transistor scalars, liquid scintillation spectrometers, neutron, beta and gamma detectors, criticality alarm systems, density-gauging systems, etc.
2. NUMEC, in connection with NUMINCO, represents the Commissariat a l'Energie Atomique (French AEC) BP #6, Fontenay-Aux-Roses, France to manufacture and sell isotopic sources.
3. The A. Johnson Company, Strueplan 3, Stockholm, Sweden, represents NUMEC in that country and other Scandinavian countries for the sale of NUMEC products.
4. Electronucleonica, S.P.A. Via Bisleri 19, Milan, Italy, represents NUMEC in the sale of instruments and neutron sources.
5. NUMEC is a sales agent for the Government of Israel through its Ministry of Defense, Division of Supplies, 830 Third Avenue, New York 22, New York. In this connection, NUMEC has an arrangement with the Israel Atomic Energy Commission to do biological work on insect control; and assist in establishing facilities for the irradiation and preservation of citrus fruits. In this latter connection, NUMEC and the Government of Israel (represented by the Israel AEC) have formed a company in Israel called Isotopes and Radiation Enterprises Ltd (ISORAD) which is an organization to do experimental and commercial work in irradiation processing of food-stuffs and other commodities, such as medical supplies. NUMEC and the Government of Israel are equal partners in this venture.
6. NUMEC is now completing a contract with the Japan Atomic Fuel Corporation, 2-7 Hirakawa, Cho, Chiyoda - ku, Tokyo, Japan, a wholly-owned subsidiary of the Japanese Government for the design and supervision of construction of a Plutonium Laboratory at Tokai-Muru.
7. The Eldorado Mining and Refining Company, Ltd., Port Hope, Ontario, Canada - NUMEC purchases natural uranium from Eldorado.
8. NUMEC recently completed a contract with the Australian Government to supply that government 330 Plutonium-Aluminum fuel elements.
9. Renee Schurmans Company of Brussels, Belgium, is a NUMEC sales Representative in the Common Market nations.
10. NUMEC is now completing manufacture of two small 3-watt terrestrial SNAP generators for the Government of Israel.

Per DOP Letter 6-6-85  
DECLASSIFIED BY 5667 SLO/MS  
ON 6-10-85

This material contains information affecting the national defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C., Sections 793 and 794, and the Atomic Energy Act of 1954, Title 42, U.S.C., Section 2014.



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11. NUMEC has discussed with cognizant Spanish officials the possibility of a joint venture in food irradiation.
12. NUMEC is exploring with Mitsubishi International the possibility of sales representation in Japan for NUMEC - designed SNAP generators.
13. NUMEC has initiated discussions looking toward the purchase of the Dow Chemical Company's 30% interest in ALKEM, a German company. Discussions are very preliminary.
14. NUMEC is exploring with International Research and Development Ltd. the possibility of manufacturing and selling in the United States a laser ophthalmoscope, a device for retina welding.

GENERAL

According to Dr. Zalman Shapiro, NUMEC has filled, and continues to fill, orders for the manufacture of fuel materials and devices incorporating special nuclear materials for foreign companies and governments. In each case, assurance is sought with respect to the existence of an effective Agreement for Cooperation with the nation in question and on appropriate inter-governmental contract. All shipments are duly licensed, as required, by the U. S. Atomic Energy Commission.

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