

United States Government

Department of Energy

memorandum

DATE: **JAN 07 1992**

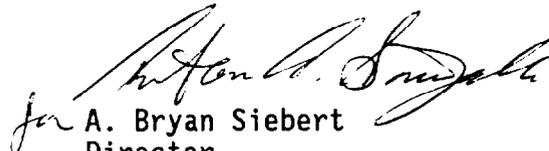
REPLY TO
ATTN OF: SA-232

SUBJECT: Classification Review of Atomic Energy Commission Documents Re: Spanish Accident (U) (91SA20A000011-HS)

TO: Harry J. Pettengill, Deputy Assistant Secretary for Health, EH-40

This responds to your memorandum of June 11, 1991, memorandum in which you requested a classification review of the attached documents. We have determined that Attachments 1 and 2 no longer contain classified information; we have therefore declassified them. We have also confirmed that Attachments 3 and 4 are unclassified.

If you have any questions, please contact Mr. James A. Wendt at 3-3790.


for A. Bryan Siebert
Director
Office of Classification
Security Affairs

4 Attachments
(See listing next page)

LIST OF ATTACHMENTS

1. AEC 907/25, Information Meeting Item, Spanish Accident, Note by the Secretary, dated 3/1/66. (U)
2. AEC memorandum, Hall to Seaborg, et al., subject: Spanish Accident, dated 2/28/66. (U)
3. Letter, Hall to Otero, dated 2/25/66.
4. Annex to letter from Hall to Otero pertaining to collaborative investigations, undated.

SECRETARIAT

1375
Accidents & Accident Prevention

March 1, 1966

AEC 907/25

COPY NO. 23

ATOMIC ENERGY COMMISSION

Unique Document # SMA20000327A

INFORMATION MEETING ITEM

SPANISH ACCIDENT

Note by the Secretary

The General Manager has requested that the attached February 28, 1966 memorandum from the Assistant General Manager for International Activities, with attachments, be circulated for consideration by the Commission at an early Information Meeting.

W. B. McCool
Secretary

<u>DISTRIBUTION</u>	<u>COPY NO.</u>	<u>DISTRIBUTION</u>	<u>COPY NO.</u>
Secretary	1,22-27	Asst. GM for R&D	15
Commissioners	2-6,28-31	General Counsel	16
General Manager	7 - 8	Biology & Medicine	17
Deputy Gen. Mgr.	9	Inspection	18
Asst. Gen. Mgr.	10	International Affairs	19
Exec. Asst. to GM	11 - 12	Military Application	20
Asst. GM for IA	13	Operational Safety	21
Asst. GM for Operations	14		

~~This material contains information affecting the national defense of the United States within the meaning of the espionage laws, Title 18, U.S.C., Sec. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.~~

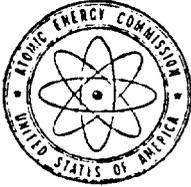
CLASSIFICATION CANCELLED
AUTHORITY: DOE-DPC
BY N. S. SCHMIDT, DATE:

HRB clmmtb 7/15/91
DE 7-19-91

IA 2. Spain
Secretaría de Estado de Asuntos Exteriores

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UNITED STATES
ATOMIC ENERGY COMMISSION

WASHINGTON, D.C. 20545

Unique Document # ~~AA-200-0328~~

February 28, 1966

MEMORANDUM FOR CHAIRMAN SEABORG
COMMISSIONER PALFREY
COMMISSIONER RAMEY
COMMISSIONER TAPE
GENERAL MANAGER HOLLINGSWORTH

SUBJECT: SPANISH ACCIDENT (u)

Before going to Madrid, in discussions with you, Alexis Johnson, and Assistant Secretary Leddy, I was asked to help accomplish three objectives vis-a-vis the recent Spanish accident:

1. Assist the U.S. Military, with the help of Dr. Langham, in reaching an agreement on a reasonable level of soil removal at the accident site;
2. To facilitate an agreement on a joint Spanish-U.S. governmental announcement concerning the accident; and
DOE ARCHIVES
3. To develop with the Spanish civil authorities, namely Otero's AEC, an understanding within the scope of our bilateral agreement on cooperation in the general field of health and safety.

After considerable discussion, we achieved agreement on soil removal at 60,000 counts and above.

The Vice President of Spain, General Munoz Grandi, has so far refused to concur in any release despite two meetings on this subject.

Attached for your information is an exchange of letters

~~This material contains information affecting the national defense of the United States within the meaning of the espionage laws, Title 18, U.S.C. Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.~~

~~GROUP 1
EXCLUDED FROM AUTOMATIC
DOWNGRADING AND
DECLASSIFICATION~~

~~NATIONAL SECURITY INFORMATION~~

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CLASSIFICATION CANCELLED
AUTHORITY: DOE-DFC
BY H. E. SCHMIDT, DATE:

11/15/91
11/19/91

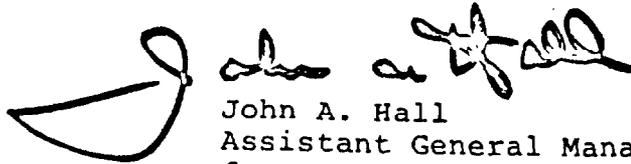
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containing the elements of the health and safety program of interest to our people and to the Spanish AEC which I signed before leaving Madrid. The funding will be accomplished by a transfer from DMA to Biology and Medicine.



John A. Hall
Assistant General Manager
for International Activities

Attachment:
as stated.

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(2)

Madrid, Spain,
February 25, 1966

Unique Document # 5A A200003491

Dear Professor Otero:

Pursuant to our Agreement for Cooperation for Civil Uses of Atomic Energy between Spain and the United States I wish to propose that we expand our collaboration in the fields of health and safety. Accordingly, on behalf of the United States Atomic Energy Commission and in accordance with the relevant articles in our Agreement for Cooperation of August 16, 1957, as amended, I suggest we investigate various health and safety aspects of fissionable materials when released into a rural agricultural environment.

Collaborative investigations shall be initiated as soon as possible of the physiological and ecological behavior of plutonium oxide in a previously contaminated rural area that has been decontaminated in accordance with mutually agreed upon decontamination limits and procedures. More specifically the investigations shall consist of the points I have set forth in the attached annex to this letter.

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It is understood that information considered essential to our collaboration shall be shared freely by the two agencies as well as all information derived from these investigations. It is further understood that the results derived shall not be released to the public without the concurrence of the two agencies.

If these proposals are acceptable to you, I suggest that this letter and your letter of acceptance shall constitute an understanding on these subjects between our two agencies.

Sincerely,

/s/ John A. Hall

John A. Hall
Assistant General Manager for
International Activities
ATOMIC ENERGY COMMISSION

Excmo. Sr. D. José María Otero Navascues,
Marques de Hermosilla,
Presidente de la Junta de
Energía Nuclear,
Avenida Complutense 22,
Ciudad Universitaria

Enclosure: Annex

- 4 -

CONFIRMED TO BE UNCLASSIFIED

AUTHORITY: DOE/SA-20

BY H.R. SCHMIDT, DATE:

H.R. Schmidt, 7/17/91

7-19-01

(11)

5A A200003491

~~Document #~~
ANNEX (U)

Unique Document # HA20000330A001

1. Collection of information on uptake and retention of plutonium and uranium by representative numbers of a population group potentially exposed to inhalation of a plutonium oxide aerosol,
2. measurement of temporal and seasonal fluctuations in plutonium air concentrations above a plutonium oxide contaminated agricultural area that has been subjected to the agreed upon decontamination procedures,
3. serial measurements of contamination levels (both by plant uptake from the soil and wind dispersal) of agricultural products produced in a contaminated area subsequent to decontamination, and DOE ARCHIVES
4. studies of the temporal migration and redistribution of plutonium oxide in soil, decontaminated by deep plowing, as a result of continued cultivation and weathering.

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CONFIRMED TO BE UNCLASSIFIED
AUTHORITY: DOE/SA-20
BY H.R. SCHMIDT, DATE:

H.R. Schmidt 7/17/91

7-19-91

at 1/1

HA20000330A001

The Junta will assume the position of principal investigator with the U.S.A.E.C. providing support in the form of technical assistance and advice and specialized equipment and materials not readily available to the Junta.

In the role of principal investigator the Junta will assume responsibility for the following:

1. Provision of building and laboratory space required to initiate and carry on the program.
2. Establishment, with the help of U.S. specialists, of sampling methods, routines and schedules for population, air, produce and soil measurements.
3. Provision of logistic support required by sampling and measuring schedules.
4. Performance of all scientific measurements and tests.
5. Compilation and documentation of all scientific data.
6. Provision of travel for its own specialists sent to the United States for consultation, planning or training purposes.

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In the role of secondary investigator, the U.S.A.E.C. will assume responsibility for the following:

1. Provision, either through funding or by transfer, of specialized equipment and material required by the program. During the first year this will consist of:

a. A whole body counter, complete with crystal spectrometer and plutonium X-ray detector.

b. One (8 place) scintillation alpha counter of the type currently in use at the Los Alamos Scientific Laboratory or the New York Health and Safety Laboratory. DOE ARCHIVES

c. One alpha spectrometer complete with multi-channel analyzer and data read-out equipment.

d. Additional, less specialized equipment, such as analytical balances, centrifuges, special chemicals, etc., in the amount of approximately \$15,000.

e. Plutonium and uranium analytical standards.

f. Four generator-powered Hi-Vol air samplers of the latest design for continuous field operation.

2. Provision of a visiting specialist to install and calibrate the whole body counter and to train Junta personnel in its use.
3. Provision of visiting specialists in methods of plutonium and uranium analysis, to install specialized analytical equipment and train Junta personnel in techniques of plutonium and uranium measurement which are used in the United States, published and unpublished.
4. Provision of a visiting specialist in soil and plant sciences to help develop the studies of plutonium translocation in the soil and its uptake by cultivated crops.
5. Continued provision, beyond the first year, of specialized equipment, technical assistance and advice for as long as both parties mutually agree to be desirable on the basis of the observations as they are obtained.

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El Presidente
de la
Junta de Energía

Madrid, 25th February 1966

Dear Dr. Hall:

Thank you for your letter of the 25th February regarding the expansion of our collaboration in the fields of Health and Safety, in accordance with the Agreement for Cooperation for Civil Uses of Atomic Energy between Spain and the United States.

I have the pleasure to inform you that the Minister of Industry has authorized the Junta de Energía Nuclear to accept the proposal, and the terms stated on your letter and details contained in the enclosure thereto. I am confident that this work will contribute to improve even more the relations between our organizations.

Sincerely,

/s/ José Ma Otero

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