

From: [REDACTED] ACSA(N)

D/2691



MINISTRY OF DEFENCE
Main Building, Whitehall, LONDON S.W.1
Telephone: [REDACTED]

D/9108

Our reference: FHP/1569/73
Your reference:

18 July 1973

[REDACTED]
Director
AWRE

Dear [REDACTED]

GENEVA MEETING 10 - 13 JULY 1973

Thank you for your D/241/73 of 6 July, attaching briefs on two points concerning peaceful nuclear explosives.

In the event, the subject of PNEs was not raised at the Geneva meeting, so that I did not have to use the material. However, I have left copies of the briefs with [REDACTED], our Ambassador to UKDEL, as background for him to draw on in the event that this subject does crop up during the disarmament negotiations.

Yours sincerely,

[REDACTED]

CONFIDENTIAL

D/91/08

PROCUREMENT EXECUTIVE, MINISTRY OF DEFENCE

ATOMIC WEAPONS RESEARCH ESTABLISHMENT

ALDERMASTON.

READING, RG7 4PR

TELEPHONE: [REDACTED]

D/241/73

6th July, 1973

Covering ~~CONFIDENTIAL~~

Dear

GENEVA MEETING 10th - 13th JULY, 1973

Your letter of the 19th June asked for briefs on two points concerning PNE.

Copies of briefs prepared by [REDACTED] are enclosed. I hope these will be helpful if the matter should be raised.

Yours

[REDACTED]
DIRECTOR/AWRE

[REDACTED]
Ministry of Defence,
Main Building,
Whitehall, SW1

Encl. KP/673/158
KP/673/159

c.c. CPA
[REDACTED]

25 October 1975.

D.01584

D/91/08

Thank you for your letter DC 5/4 dated 17 October enclosing a summary of the two Doublekay reports we have recently seen. Thank you too for arranging to obtain an extra set of these for my use.

In response to the second paragraph in your letter, I quote, below, an extract from D/AWRE's letter to me when returning your copies of the Doublekay reports.

"The documents are a selection of quotations from technical authors but in themselves are not technical in content. It is apparent that the Doublekay Organisation is strictly commercial in its outlook and it would appear that [REDACTED] has taken out some patents in association with them.

From their particular commercial position it is natural that they should be both critical and suspicious of the American policy of placing constraints on the dissemination of information and the possibility that the NPT will be used as an excuse for applying such constraints.

It is obviously reasonable that they should put a commercial point of view but one must have some doubts whether their assessment of the practicability of "micro-explosion" fusion reactors is a balanced one."

R PRESS.

[REDACTED]
Arms Control & Disarmament Dept
Foreign & Commonwealth Office
SW1.

CONFIDENTIAL

Director
[REDACTED]

PNE BRIEF FOR [REDACTED] (SEISMIC EXPERTS
MEETING 10-13 JULY)

In response to your D/225/73 I attach
separate draft briefs KP/673/158 and
KP/673/159 on the two questions raised by
[REDACTED]

As far as proliferation is concerned you had
correspondence with Commissioner [REDACTED]
on this subject in 1969 or 1970. I am not
aware what the final outcome was or if
indeed there ever was a final outcome in view
of [REDACTED] untimely death. The last AWRE
detailed work appears to be [REDACTED]
C/H/3836 of 7 April 1970. This was given an
internal distribution only and I'm not sure
whether [REDACTED] has ever seen the detailed
arguments (at higher classification levels).

[REDACTED]
[REDACTED]
SSDM

[REDACTED]
27 June 1973

cc
CPA,
SSCD
SSD

[REDACTED]

0/91/08

[REDACTED]
CMP

PNE

I have been asked to comment [REDACTED], Cambridge, on whether it would be feasible to use underground explosions as a source of heat for the production of electrical power. I explained that this was, in fact, one of the early ideas put forward in the Plowshare programme but that, as far as I was aware, it was not being actively pursued at the moment.

I promised to confirm this.

I would be grateful if you could bring me up to date on this particular PNE application and for a copy of any appropriate unclassified reports that could be loaned to [REDACTED].

It would also be in our interests if I could send him a copy of any general survey of the PNE field which you might have given in the U. K.

[REDACTED]
DIRECTOR

5 October 1973

Reference D/225/73

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Seismic Experts Meeting Geneva 10-13th July

I attach extract from letter from [REDACTED]
dated 19th June.

Will you please provide the information
requested.

[REDACTED]
^^
DIRECTOR/AWRE

[REDACTED]
21st June, 1973

Reference D/224/73

PERSONAL & CONFIDENTIAL

[REDACTED]
CPA
[REDACTED]

I attach copy of letter from [REDACTED] dated
19th June.

With reference to the first two paragraphs
will you please delete [REDACTED] from the
party.

[REDACTED]
97
DIRECTOR/AWRE
[REDACTED]

21st June, 1973

Summit Experts mtg - General
10-13/7/73
