

ZNY 55555

R 242101Z JUL

FM WASHINGTON

TO RBDWCR/MODUK

INFO RBDWCR/AWRE ALDERMASTON

BT

SECRET US/UK EYES ONLY

AM/  
SIC 62A

SECRET

PARAGRAPH NOT RECORDED  
UNCLASSIFIED FOR RELEASE

U.K./U.S. EYES ONLY

397/1/128  
25 5003,

10/27

1. WASALL 872 TO MACKLEN (INFO LONG FOR JONES DD/CWD) FROM  
DRAKE SEAGER.

2. AVIS 202. RECORD PART 111M

3. NESSEL. THE MEETING ON 20TH JULY REACHED THE FOLLOWING  
AGREEMENTS IN PLENARY:

A. LLL (SPOKESMAN JACK MORTON, THE PROJECT PHYSICIST) SEE  
NO REASON AT PRESENT WHY THE DESIRED DIAGNOSTIC SUITE OF  
MEASUREMENTS COULD NOT BE PERFORMED, NAMELY

(I) PRIMARY AND SECONDARY REACTION HISTORY, MEASURED BOTH BY  
US AND UK.

(II) ELECTRONIC PINEX, PLUS TENEX (US).

(III) RIGICLES DR3 AND DRU (UK)

(IV) CAPTAIN (US)

COMMENT: THERE IS SOME WORRY ABOUT INTERFERENCE OF DR3 WITH THE  
CAPTAIN MEASUREMENT. THIS RISK WILL BE REASSESSED AND IF NECESSARY  
THE UK IS PREPARED TO RELINQUISH DR3.

B. DETAILS OF THE DIAGNOSTICS MEASUREMENTS WILL BE DISCUSSED AND  
AGREED AT A MEETING AT LLL PROPOSED FOR MID SEPTEMBER. COMMENT:  
IT IS NOTED THAT THE LARGEST CANISTER WHICH CAN BE FIELDIED FOR  
DIAGNOSTICS MEASUREMENTS IS 86 INCHES IN DIAMETER.

C. THE MAXIMUM CREDIBLE YIELD FOR CONTAINMENT EVALUATION PURPOSES  
WILL BE 55 KILOTONS. THE EXPECTED YIELD IS 35 TO 40 KILOTONS AND  
THE CONTAINMENT HOLE WILL BE 1625 FEET DEEP.

D. PROMPT GAS SAMPLING WOULD BE REQUIRED PROVIDED THE EXPENSIVE

TRITIUM MEASUREMENT WERE EXCLUDED. COMMENT: GOISHI ESTIMATED THAT RESULTS MIGHT BE AVAILABLE ABOUT A WEEK AFTER FIRING - THEY AIM TO GET THE FIRST SAMPLES TO THE LAB WITHIN 10 HOURS - BUT FROM HIS REPORTED REMARKS ON VISAM 769 THIS SEEMS AN OPTIMISTIC ESTIMATE.

E. NO SLIFER YIELD MEASUREMENTS ARE REQUIRED. COMMENT: I THINK THIS NEEDS RECONSIDERATION. SLIFER IS THE EARLIEST AVAILABLE YIELD RESULT (WITHIN 24 HOURS) WITH ANY CONSISTENT REPUTATION FOR ACCURACY AND WOULD COST ONLY TWO PER CENT OF THE TOTAL COST OF THE EVENT. LLL SAY THERE WOULD BE NO PROBLEM IN FIELDING THE MEASUREMENT IF WE REQUESTED IT, AND IN VIEW OF THE POSSIBLE EMBARRASSMENT IF WE HAVE NO RELIABLE YIELD FOR PERHAPS UP TO 10 DAYS AFTER THE EVENT, I THINK IT WOULD BE WORTHWHILE ADDING SLIFER.

F. THE HOLE FOR NESSEL WILL BE U2EO. A SMALL AMOUNT OF PREPARATORY WORK ON SITE WILL BE NEEDED IN OCTOBER, BUT DRILLING NEED NOT START UNTIL THE MIDDLE TO END OF NOVEMBER OR EVEN EARLY DECEMBER. COMMENT: AN EXPLORATORY HOLE UE2AA HAS ALREADY BEEN DRILLED FOR OTHER PURPOSES IN THIS AREA, BUT SOME MORE LOCAL INFORMATION WILL BE NEEDED FROM THE MAIN HOLE, NOT LATER THAN MARCH.

G. AWRE (LAPAGE) TO PROVIDE LLL WITH DETAILS OF SOIL SAMPLES REQUIRED FROM THE WORKING POINT AREA.

H. COSTS WOULD BE DISCUSSED SEPARATELY. MORE DETAILED ESTIMATES COULD BE PROVIDED ABOUT ONE MONTH AFTER THE MID SEPTEMBER MEETING. COMMENT: I AM WRITING TO YOU SEPARATELY ABOUT THESE.

BT

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TSO/PCA (PN) action

DSE 6

DSE 3

Acc (L)

SECRET

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