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**UNCLASSIFIED**  
EXTRACT FROM C.A.F.O. ISSUE 17798 dated August, 1958.

C.A.F.O. 81 - NUCLEAR WEAPONS TRIALS PARTIES -  
BLOOD EXAMINATIONS.

(D.P.S. 174/57/M; T.P.S. 46/58 - 1 Aug. 1958)

All Naval personnel appointed or drafted to parties carrying out tests of nuclear weapons and likely to be exposed to radiation, are to have a blood examination made BEFORE leaving the United Kingdom.

2. The reason for this is to provide a base line against which to assess the results of possible future blood examinations in the event of accidental exposure of personnel to radiation levels in excess of the maximal permissible dosages.

3. Commanding Officers of establishments and ships from which officers and men are drafted to the trials parties or ships are to ensure that these blood examinations are to be carried out at the nearest Naval hospital or sick quarters or other equivalent Service or civil establishment BEFORE they take up their new appointments. The reason for requesting the examination should be given as "routine blood examination prior to joining nuclear-weapons trials party".

4. Each blood examination is to include a full erythrocyte count, haemoglobin estimation, leucocyte count and differential leucocyte count. A platelet count is not required.

5. This regulation applies to all personnel detailed for duties at Maralinga Range, South Australia, at Christmas Island and with ships attached to Grapple Squadron.

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(C.A.F.O. 121/57 is cancelled) E.

