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2 Asst (R&D)
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OCRD 43343

Lt Col T. R. Ostrom

CRD/N

Approval for Use of Nuclear Agents
in Normal Human Volunteers

10 MAY 1965

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PURPOSE

To obtain approval of the Secretary of the Army to use volunteer subjects in research involving nuclear radiation.

DISCUSSION

1. Army Regulations 70-25 require the approval of the Secretary of the Army for research wherein volunteer subjects will be deliberately exposed to nuclear radiation.

2. The Walter Reed Army Institute of Research, Washington, D. C., has requested the approval of the use of tracer amounts of radioactive iron, phosphorous, and chromium in human volunteers at that laboratory. (Incl 1)

3. The proposed methods are accepted radioisotopic procedures that are widely used in normal subjects without untoward effect during the past ten years. The administered radioactive iron, phosphorous, and chromium would in no case exceed the total body burdens recommended in NBS Handbook 69, "Maximum Permissible Body Burdens and Maximum Permissible Concentrations of Radionuclides in Air and Water for Occupational Exposure". The responsible physician is Colonel William H. Crosby, MC, Walter Reed Army Institute of Research.

4. The Surgeon General has reviewed the research proposal and recommends approval (Incl 1).

RECOMMENDATIONS

It is recommended that the Secretary of the Army give his consent to conduct subject research and sign the attached memorandum (Incl 2).

COORDINATION

None required.

FOR THE CHIEF OF RESEARCH AND DEVELOPMENT

Signed

2 Incl

- 1. DF, MKDDH-EM, dtc ^{FOR DEPARTMENT} _{28 Apr 65} ^{Deputy Chief of Research}
- 2. J. ^{FOR THE CHIEF OF RESEARCH AND DEVELOPMENT} _{28 Apr 65} ^{General}

A. W. BETTS
Major General, GS
Deputy Chief of Research
and Development

FOR THE CHIEF OF RESEARCH AND DEVELOPMENT
Recommend approval:

V. M. BELL
MHA

(see reverse)

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