

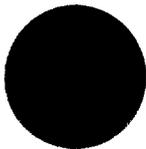


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UNITED KINGDOM SCIENTIFIC MISSION

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A UNIT OF THE BRITISH COMMONWEALTH SCIENTIFIC OFFICE



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Extension

March 6, 1953.

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Dr. John C. Bugher,
U.S. Atomic Energy Commission,
Room 1309, East Bldg.,
1901 Constitution Ave., N.W.,
Washington, D.C.

Dear Dr. Bugher,

As I think you already know, I am very sorry to say that it will not be possible for me to attend the Tripartite Conference on Permissible Doses for reasons which I mentioned on the telephone yesterday.

It was not until after our conversation that I realised the full implication of your remarks. We had been thinking of the Conference taking place in Washington. I think, however, that we shall have no difficulty in rearranging the itineraries of the visitors to bring them to New York at the required time.

I received today the enclosed copy of suggested items for the agenda. I am afraid there has been a misunderstanding in England about this, because we thought that the M.R.C. would be writing to you direct, but I understand this has not been done. I am afraid it may be too late to alter the agenda which you have already drawn up, but you will perhaps find an opportunity of discussing any items on the attached list which you had not already covered.

I am told that Dr. Loutit is intending to send a paper dealing with some of the points raised: if it comes to this office, we will of course forward it to you at once.

Yours sincerely,

J.F. Jackson

J. F. Jackson.

ORGANIZATION & MANAGEMENT

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JFJ:m

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TRIPARTITE CONFERENCE ON PERMISSIBLE LEVELS OF
RADIATION TO BE HELD IN WASHINGTON, D.C., U.S.A.,
on the 30th and 31st MARCH and 1st APRIL, 1953

SUGGESTED AGENDA

1. Basic Dose for X and Gamma rays up to 3 MeV
 - (a) Whole body
 - (b) Part body.
2. Basic Dose for X and Gamma rays above 3 MeV.
3. Permissible exposure for Beta rays
 - (a) Wide areas of body
 - (b) Limited areas of body (e.g. hands).
4. R.D.E. values
5. Neutrons
 - (a) Permissible exposures
 - (b) Permissible fluxes.
6. Life doses.
7. Exposure of large populations (item includes genetic effects).
8. Emergency doses
9. Permissible levels for radioactive isotopes
Method of assessment of maximum permissible levels.
 - (a) Radium
 - (b) Other alkaline earths (Sr, Ca, Ba)
 - (c) Y, and rare earths
 - (i) Where critical tissue is ultimate organ of deposition, e.g. bone.
 - (ii) Where critical tissue is gut.
 - (d) Other beta emitters (including Tl^{204} and Ru^{106})
 - (e) Alpha emitters (Natural U, U^{233} , Am^{242} , Pu^{239} , Po^{210} , Ac^{227})
10. Review of "Standard Man" (e.g. X content of body)
11. Miscellaneous (e.g. m.p.l. for I^{131} and Sr^{90} in grass for grazing animals).

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