

## Office Memorandum • UNITED STATES GOVERNMENT

TO : John C. Bugher, Director  
Division of Biology and Medicine

DATE: February 9, 1953

FROM : Walter D. Claus, Chief, Biophysics Branch  
Division of Biology and Medicine

SUBJECT: TRI-PARTITE CONFERENCE

404808

SYMBOL: EMBP:WDC

The Biophysics Branch suggests the following topics for discussion, looking toward including some or all of them in the agenda for the Tri-partite Conference:

- ✓ 1. Possible changes in permissible body burden for radium. Available data supports relaxation of present levels by a factor of 2 or 3. Should we attempt a small change, or wait for data which may support a larger change?
2. Reconsideration of permissible values for:
  - a)  $C^{14}$  on the basis of data disclosed at the Argonne Conference last year.
  - b)  $A^{41}$ ,  $Xe^{133}$  and  $Xe^{135}$  on the basis that present levels are based on external radiation rather than internal -- true internal dose levels are needed for closed spaces.
  - c)  $H^3$  do not appear to be consistent with known data.
  - d)  $Co^{60}$  concentrations in drinking water might be altered greatly on basis of recent experiments.
- ✓ 3. Discussion of lung dosage due to particulates.
4. Permissible neutron dose levels.
- ✓ 5. Discussion of maximum length of time over which the weekly permissible dose might be averaged (e.g., 0.3 r/week, 3.9 r/13 wks, 7.8 r/26 wks)
- ✓ 6. Emergency permissible levels of skin contamination with beta emitters.
7. Discussion of appropriate application of MPC's -- e.g., are they for either limited or unlimited occupational exposure only, or are they suitable for lifetime exposures of general populations?

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