

DOCUMENT SOURCE	
Lawrence Berkeley Laboratory Archives and Records Office	
Records Series Title	<i>Correspondence - Dr. John Lawrence</i>
Accession No.	<i>424-50A-0169</i>
File Code No.	<i>13-14-6</i>
Carton No.	<i>8/25</i>
Folder No.	<i>9 to last</i>
Notes	
Found By	<i>Kerry HAV</i>
Date	

COPY

715163

BERKELEY: DONNER LABORATORY AND DONNER PAVILION

November 13, 1961

To: J. H. Lawrence  
L. Alvarez  
M. Calvin  
J. Gofman  
H. Jones

Subject: Request for human use of Mn<sup>54</sup>

Gentlemen:

The attached letter requests approval of the LRL Human Use Committee for experimental use of Mn<sup>54</sup> in humans.

This isotope is in regular use in humans elsewhere but its use at Donner Laboratory is new, and normal volunteers as well as patients are to be studied. Therefore the Committee has been asked to review it.

The behavior of the isotope in humans has now been documented elsewhere such that more precise dosimetric estimates would be possible, but the presently-planned use is so conservative that the estimates from the ICRP handbook should suffice.

I would recommend approval for use in normal volunteers as well as patients, up to 20  $\mu$ c per person, with lower doses whenever feasible, as outlined in the request.

As we've done previously, please send a brief note if you also approve the request. If not, we can arrange further discussion.

Sincerely,

*Howard G. Parker*  
Howard G. Parker, M.D.

Enclosure

HGP:caf

cc: R. Steinkamp  
T. S. Sargent

*Parker*