

Interdepartmental letterhead

Mail Station L- 452

Ext: 25611

November 13, 1984

To: Vivian Shepherd
 From: Fred Hatch *Fred*
 Subject: Final text of para 3 of P. Meyer Consent Form,
 approved by Legal Office

Para 3 of the LLNL consent form for the P. Meyer experiments with U.S. Navy divers shall be revised to read as follows (per discussions with S. Cole and M. Creamer of LLNL Legal Office):

"I understand that the following risks and discomfort may result from the procedures:

- a. discomfort from breathing through a mouthpiece for up to two hours.
- b. Any exposure to ionizing radiation carries a risk of causing cancer--in this case potentially of the lung or upper air passages where the most significant part of the radiation dose is delivered. The best estimate of the risk of lung cancer from this procedure lies between 1 chance in 100,000 and 1 chance in 10,000. The radiation exposure to the lung and air passages in this procedure will be less than 0.4 rem. This amount is slightly below the Federal exposure limit for annual exposure of the general population; is one tenth of the permissible annual exposure of radiation workers; and is approximately three to four times the radiation received by the public in most geographical areas of the United States from natural sources and average usage for medical and dental purposes."

cc. LLNL Legal Office
 IRB members
 P. Meyer L-280

REPOSITORY LLNL B361, Rm. B940A
 COLLECTION Institutional Review Board
 BOX No. IRB Protocol File
 FOLDER Meyer, P. IRM No. 80P-109
Decompression Sickness Studies
with Radioactive Gases
 Folder 1 of 2

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