

JUL 3 1974

RO:I

Isomedix, Inc.
ATTN: Mr. George R. Dietz
President
P. O. Box 177
Parsippany, New Jersey 07054

Gentlemen:

This refers to your letter dated June 28, 1974, in response to our letter of June 27, 1974.

There is nothing in your submission of June 24, 1974, which describes or provides procedures for conducting operations in the pool outside of the hot cells. We need to know the specific operations which will be carried out in the pool, by whom the operations will be carried out, and the procedures which will be followed for such operations.

With respect to Item No. 7 of our letter which pertains to Section 13.9.1 of your procedures, we asked for information concerning the circumstances under which controls would be established. Your reply did not provide this information.

Section 13.9.2H. specifies a survey of the cask lid, inner walls, and sources for absence of contamination. In your June 28, 1974 letter you indicated that the radiation leakage should not exceed 2.5 millirad per hour. We need clarification of this number, particularly with respect to surveying of sources for absence of contamination.

With respect to training of personnel, it appears that your submission of June 24, 1974 described training which would be given to new personnel. The information submitted with your June 28, 1974 letter appears to pertain to persons who are already irradiators or cell operators. Since Mr. Karl and Mr. Dietz are the only persons designated as operators, we need clarification of your training program.

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We do not consider it an acceptable procedure for any operation to be conducted which would result in the alarm sounding and where personnel would be present. It is not clear specifically what operations would be conducted in areas where personnel will be present which would cause the alarm to sound.

With respect to instrument calibration, you indicated that Isotopes-Teledyne would perform instrument calibrations. We need to know specifically the kind of instruments which you have and the basis for concluding that a cobalt 60 source of less than 5 millicuries would be adequate for calibration of all of your instrumentation over all of the ranges of the instruments.

We shall continue review of your request upon receipt of this information.

Sincerely,

Nathan Bassin
Materials Branch
Directorate of Licensing

L:MB

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