

THE UNIVERSITY OF ARIZONA

TUCSON

COLLEGE OF ENGINEERING  
DEPARTMENT OF NUCLEAR ENGINEERING  
March 1, 1963

James R. Mason, Chief  
Isotopes Branch  
Division of Licensing & Regulation  
UNITED STATES ATOMIC ENERGY COMMISSION  
Washington 25, D. C.



Dear Sir:

Enclosed are copies of the revised procedures for the use of radioisotopes on the campus of the University of Arizona. This manual is being submitted to the Commission for approval.

In addition, approval is requested for the following changes in condition 18 of our license number 2-756-16(D61):

(1) Each sealed source shall be tested for leakage and/or contamination at intervals not to exceed six (6) months. In the absence of a certificate from a transferor indicating that a test has been made within six (6) months prior to the transfer, the sealed source shall not be put into use until tested.

(2) The test shall be capable of detecting the presence of 0.005 microcuries of removable contamination on the test sample. The test sample shall be taken from the appropriate accessible surfaces of the device in which the sealed source is permanently or semipermanently mounted or stored. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the Commission.

(3) If the test reveals the presence of 0.005 microcuries or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated or to be returned to the manufacturer. A report shall be filed within five (5) days of the test with Director, Division of Licensing and Regulation, U.S. Atomic Energy Commission, Washington 25, D. C., describing the equipment involved, the test results and the corrective action taken. A copy of such report shall be sent to the Director of the nearest AEC Regional Compliance Officer, listed in Appendix D of Title 10, CFR, Part 20.

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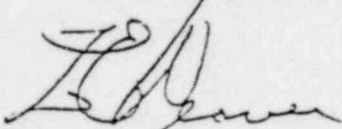
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Further, we would like to request permission to lump our burial of solid waste into two (2) or three (3) burials in a given year. The amount to be determined by 10CFR20.304, but that the total in a given year is 12 X (1000 times the amount specified in Appendix C of 10CFR20.).

Very truly yours,



Lynn E. Weaver, Chairman  
University Radiation Safety and Radioisotope Committee

LEW:kg

Enclosure

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