



Pyrotronics

8 Ridgedale Avenue, Cedar Knolls, New Jersey 07927
(201) 267-1300 Cable Address: Baker Pyro

February 7, 1973

030-05355
name change

United States Atomic Energy Commission
Isotopes Branch
Division of Materials Licensing
Washington, D. C. 20545

ATTENTION: Ms. Joan Gianelli
License Reviewer

SUBJECT: Pyrotronics License No. 29-08864-04E

Gentlemen:

Pyrotronics has been wipe testing every Pyr-A-Larm ionization detector containing americium 241 since they were first introduced in this country in 1963.

Our specifications require that a detector shall be rejected if the leakage is found to be over 0.001 microcurie which is one fifth of your limit. We can state that in testing over 300,000 detectors none have come close to your limit of 0.005 microcurie although one in approximately 4,000 have slightly exceeded our limit. These have been set aside for several months, retested and found to be well within our limit.

Based upon this perfect record it is requested that we be permitted to wipe test the detectors on a sampling basis pursuant to section 32.110d, sampling table B of part 32 of title 10 CFR.

Your early concurrence will be most appreciated.

Very truly yours,

Donald A. Diehl
Radiation Protection Officer

DAD/kn

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PDR

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