

SEP 08 1989

Docket Nos. 030-05354
030-05355

License Nos. 029-08864-03
029-08864-04E

Pyrotronics
A Division of Cerberus, Incorporated
ATTN: Kurt Drunell
President
8 Ridgedale Avenue
Cedar Knolls, New Jersey 07927

Gentlemen:

Subject: Inspection No. 030-05254/89-09

This refers to your letter dated July 28, 1989, in response to our Confirmatory Action Letter (CAL) letter dated June 5, 1989 and the telephone conversation on August 7, 1989 between Betsy Ullrich of this office and Harry Lee of your staff.

You have requested an extension of the deadlines in the CAL for you to complete your investigation into contaminated smoke detectors. We understand that, by August 31, 1989 the remaining 922 HV detectors at Pyrotronics facilities will be leak-tested and the results will be submitted. Furthermore, by September 30, 1989 you will submit 1) additional information describing the cleaning of foils during original production of the HV smoke detectors 2) additional information describing the process of refurbishing HV smoke detectors 3) an evaluation of the long term effects of aging, the environment, and cleaning on HV smoke detectors.

This is also to confirm the following:

Item #1.A. of your letter lists one radioactive foil (U.S. Radium Corporation Lab-204-1A) and one HV smoke detector (Model F50, 100 microcuries) which are not clearly authorized by your licenses. We understand from Item #1.C. that you will request to amend your licenses to include these sources.

Item #2 listed four detectors as exceeding the NRC removable contamination level. We understand that these detectors were identified at two of fifteen Pyrotronics facilities where leak-testing is being performed, and does not include those identified at NASA.

Item #3 states that 940,000 HV smoke detectors were distributed between 1970 and 1983. We understand that this number refers to distribution in the United States only.

Thank you for informing us of the actions documented in your letter. If any of our understandings are incorrect, please inform us in writing.

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29-08864-03 PDC

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Your cooperation with us is appreciated.

Sincerely,

Original Signed By:
Francis M. Costello

for John D. Kinneman, Chief
Nuclear Materials Safety Section B
Division of Radiation Safety
and Safeguards

cc:
Public Document Room (PDR)
Nuclear Safety Information Center (NSIC)
State of New Jersey

bcc:
Region I Docket Room (w/concurrences)

RI:DRSS
Ull *bc*

08/30/89

FAC
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Kinneman

08/31/89

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