



KIDDE-FENWAL INC.
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TELEFAX COVER LETTER

DATE: 4-17-92

TO: Mr. Sterling Bell COMPANY: NRC
LOCATION: Maryland FAX NO.: 301-504-2620
FROM: R.A. MACNUTT, QUALITY MANAGER
SUBJECT: Amendment to License 20-15285-03E sent to Ms. Susan Greene

WE ARE SUBMITTING A TOTAL OF 2 PAGES, INCLUDING THIS COVER LETTER.
IF YOU DO NOT RECEIVE ALL OF THE PAGES, PLEASE CONTACT US AS SOON AS
POSSIBLE.

b-58

April 16, 1992



Susan L. Greene
Commercial Section
Medical, Academic, and
Commercial Use Safety Branch
Division of Industrial and
Medical Nuclear Safety, NMSS
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

KIDDE-FENWAL, INC.
400 MAIN STREET
ASHLAND, MA 01721
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Dear Ms. Greene:

This concerns our pending request to you, dated December 9, 1991, for amendment of License No. 20-15285-03E.

In conversation today with Sterling Bell, Sealed Source and Device Section, about amendment of Registration Certificate No. NR-668-D-101-E, we discussed the maximum quantity of Am-241 expected to be used in the CPD705X and in our other detectors. As indicated to you in my letter of December 9, 1991, we expect to use 0.7 microcurie in the CPD705X. In our other detectors we expect to use 1.0 microcurie.

These quantities of 0.7 and 1.0 may be characterized as "nominal quantities" and may be subject to some minor variation. To avoid a possible regulatory problem if the quantity of activity were to slightly exceed 1.0 microcurie, I reached agreement with Mr. Bell that the maximum quantity for any detector in the amended Registration Certificate would be 1.1 microcurie.

To avoid an inconsistency between our license and the amended registration certificate, we request that the license also provide for a maximum of 1.1 microcurie in the Model CPD705X. When we submit our consolidated application for the other detectors, as you requested in your letter to me of September 26, 1991, we will request that those models also be limited in the license to a maximum of 1.1 microcurie although we expect to use 1.0 microcurie.

If the Model CPD705X units distributed were to contain 1.1 microcurie, the estimated quantity distributed in the first year would be 55 mCi and in subsequent years would be 110 mCi. However, we expect the quantity per detector and the total quantities distributed to more closely agree with the quantities stated in the fourth paragraph of my letter of December 9, 1991.

In summary, for consistency with the registration certificate, we would like to see the license provide for a maximum of 1.1 microcurie. However, if providing for 1.1 microcurie instead of 0.7 microcurie would cause even the slightest delay in granting the amendment, please disregard this letter. We are very anxious to receive licensing approval for the CPD705X.

Sincerely,

A handwritten signature in cursive script that reads "Robert A. MacNutt".

Robert A. MacNutt
Quality Manager

cc: Sterling Bell, NRC ✓