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THE PERKIN-ELMER CORPORATION

NORWALK, CONNECTICUT, U.S.A.

JAMES P. GREGORY ASSISTANT SECRETARY

July 11, 1968

Mr. Cecil R. Buchanan
Asst. Chief Isotopes Branch
Division of Materials Licensing
United States Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. Buchanan:

We have received your letter dated June 28, 1968 in response to our request for an amendment to our License Number 06-02135-08. Accordingly, the following sets forth the specific answers to the various questions raised in your letter, in the same order in which they were raised:

1. Model number of the complete assembly is 009-0270. Two copies of the assembly drawing and description are enclosed.

2. Since the label shown in drawing 009-1416 would not be visible when all instrument panels are in place, we are planning to attach a label to the outside of the instrument. This label will warn of the radioactive contents of the detector and will comply with the requirements of 10 CFR 20.203 (f). Two copies of drawing 009-1650, showing this label, are enclosed.

3. a) We will advise our customers of the need for authorization to perform wipe tests. A warning to this effect will be included in the Model 900 manual, and the customer will be told of this requirement at the time of purchase of a Nickel-63 detector.

b) The wipe test kit will contain a cotton swab on a wooden stick, and a container in which to return the swab to New England Nuclear. The kit will also

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contain the necessary forms for identification of the swab.

c) In assaying contamination samples, New England Nuclear will use a liquid scintillation counter. The swab tip is totally immersed in scintillation solution and assayed under conditions of known efficiency. New England Nuclear states a sensitivity limit of 0.05 nano-curies. (Reference: Telephone conversation with Mr. Scott, New England Nuclear, 7/9/68).

I trust that the foregoing will completely answer the various questions you have raised. Since we are extremely anxious to enter into production the Model 900 Electron Capture Detector, we would very much appreciate your prompt and favorable response to our request for an amendment. If there is any additional information you desire, I may be reached at area code 203 762-4976.

Yours very truly,


JAMES P. GREGORY

JPG/sp
Enc.

cc: H. M. Abbott

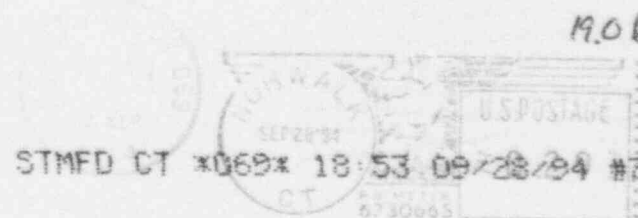
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