

NOV 13 1990

Docket Nos. 030-22157
030-22186

License No. 20-03316-08
20-03316-09

General Electric Company - Ordnance
Systems Division
ATTN: Gerald Bender, Lead Engineer
100 Plastic Avenue
Pittsfield, Massachusetts 01201

Gentlemen:

Subject: 030-22186/90-001

On October 16, 1990, Eric H. Reber of this office conducted a routine safety inspection at the above address of activities authorized by the above listed NRC licenses. The inspection was an examination of your licensed activities as they relate to radiation safety and to compliance with the Commission's regulations and the license conditions. The inspection consisted of observations by the inspector, interviews with personnel, and a selective examination of representative records. The findings of the inspection were discussed with you at the conclusion of the inspection.

Within the scope of this inspection, no violations were identified.

From the discussion of our findings at the conclusion of the inspection, we understand that a source check will be made of your Ludlum radiation measuring system prior to using the system to measure radioactivity in semiconductors. We further understand that measurements will be made of the radioactive decay rate of these semiconductors. These measurements will be used to determine the half-life of the material so that the material may be held at least ten half lives before disposed as normal trash. The material shall also be surveyed prior to disposal to demonstrate that the radioactivity cannot be distinguished from background. We will review this matter during the next inspection of your licensed program.

In accordance with Section 2.790 of the NRC's "Rules of Practice", Part 2, Title 10, Code of Federal Regulations, a copy of this letter will be placed in the Public Document Room. No reply to this letter is required.

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General Electric Company - Ordinance 2
Systems Division

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)
Commonwealth of Massachusetts

bcc:
Region I Docket Room (w/concurrences)
Management Assistant, DRMA
E. Reber, RI

RI:DRSS
Reber/bj

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