

SEP 13 1990

Calumet Testing Services, Inc.
ATTN: Robert Vidlimos
President
1945 No. Griffith Blvd.
Griffith, IN 46322

License No. 13-16347-01
Docket No. 030-10856

Gentlemen:

This refers to the routine inspection conducted by James R. Mullauer, M.H.S. of this office on August 31, 1990, of activities authorized by NRC Byproduct Material License No. 13-16347-01 and to the discussion of our findings with Tom Keilman by telephone on September 4, 1990 at the conclusion of the inspection.

The inspection was an examination of activities conducted under your license as they relate to radiation safety and to compliance with the Commission's rules and regulations and with the conditions of your license. The inspection consisted of a selective examination of procedures and representative records, observations, independent measurements, and interviews with personnel.

In addition to the above areas, the inspector examined actions described in your letter dated May 25, 1989, regarding apparent violations found during our April 25, 1989, inspection. We have no further questions regarding these matters.

During this inspection, certain of your activities appeared to be in violation of NRC requirements, as specified in the enclosed Notice. A written response is required.

In addition to the above, our inspector noticed that the last leak test of your 38 curie cobalt-60 indicated 0.00459 microcuries of contamination. A sealed source is considered to be leaking when the results show contamination greater than 0.005 microcuries. Therefore in your response to this letter, please describe what actions you have taken or plan to take to assure this source is not indeed leaking.

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The responses directed by this letter and the accompanying Notice are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter, the enclosures, and your response to this letter will be placed in the NRC Public Document Room.

We will gladly discuss any questions you have concerning this inspection.

Sincerely,

George M. McCann, Chief
Nuclear Materials Safety
Section 1

Enclosure: Notice of Violation

RIII *[Signature]*
Mul/auer/damj
09/13/90

(yes)
RIII *[Signature]*
McCann
09/13/90