

DCS

NOV 14 1990

Docket Nos.: 040-00672  
040-08866  
030-19394

License Nos.: SMB-179  
SUB-2452  
20-02217-05

Nuclear Metals, Inc.  
ATTN: Mr. W. B. Tuffin  
President  
2229 Main Street  
Concord, Massachusetts 01742

Gentlemen:

Subject: Routine Inspection No. 90-001

On September 12-13, 1990, Frank Costello of this office conducted a 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. In addition, our inspection examined the activities covered in your correspondence dated June 16, 1989. The findings of the inspection were discussed with you and other members of your staff at the conclusion of the inspection. A copy of the NRC inspection report is enclosed.

Based on the results of this inspection, it appears that your activities were not conducted in full compliance with NRC requirements. A Notice of Violation is enclosed as Appendix A and categorizes each violation by severity level in accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (Enforcement Policy). You are required to respond to this letter and in preparing your response, you should follow the instructions in Appendix A.

Based on the discussions conducted during the inspection, we understand you plan to complete your evaluation of the exposure to the skin of one individual and the exposure represented by a increased urinary excretion of uranium in one individual and submit the results of these evaluation in writing to this office.

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 and your reply will be placed in the Public Document Room.

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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.

Your cooperation with us is appreciated.

Sincerely,

**Original Signed By:**  
**John D. Kinneman**

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

Enclosures:

1. Appendix A, Notice of Violation
2. Combined NRC Region I Inspection Report Nos. 040-00672/90-001, 040-08866/90-001, and 030-19394/90-001

cc:

Public Document Room (PDR)  
Nuclear Safety Information Center (NSIC)  
Commonwealth of Massachusetts  
Frank Vumbaco, Radiation Safety Officer

bcc:

Region I Docket Room (w/concurrences)  
Management Assistant, DRMA

*FAC*  
RI:DRSS  
Costello/lah

11/12/90

*[Signature]*  
RI:DRSS  
Kinneman

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