

UNITED STATES
ATOMIC ENERGY COMMISSION
 DIRECTORATE OF REGULATORY OPERATIONS
 REGION I
 631 PARK AVENUE
 KING OF PRUSSIA, PENNSYLVANIA 19406

DEC 27 1973

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

Docket No. 70-82
Lic. No. SNM-65

References: Your letters dated November 20, and December 11, 1973
 In response to our letters of October 18, 1973 and November 29, 1973

Gentlemen:

Thank you for providing your program of control to assure that fissile material is not stored closer than three feet from boundaries of exclusion areas. We also will be interested in the effectiveness of the program and whether or not additional controls are required to achieve complete compliance with this criticality safety limit. Your actions and their effectiveness will be examined during our next inspection of your licensed program.

Your cooperation with us is appreciated.

Sincerely,

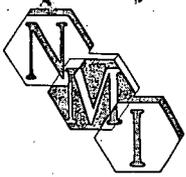
signed

Walter G. Martin, Chief
 Materials and Plant
 Protection Branch

bcc (w/encls):
 RO Chief, FS&EB (2)
 RO:HQ (4)
 L:D/D for Fuels and Mat's
 PDR
 NSIC
 RO Files
 DR Central Files
 State of Massachusetts

ALS

OFFICE ▶	CRESS:1					
SURNAME ▶	<i>WJB</i> Kinney/jy	<i>WBM</i> Martin	<i>HW</i> Crocker	<i>Nelson</i> Nelson		
DATE ▶	12/21/73	12/21/73	12/21/73	12/21/73		



NUCLEAR METALS, INC.

2229 MAIN STREET
CONCORD, MASSACHUSETTS 01742
TELEPHONE: 617 369-5410

December 11, 1973

United States Atomic Energy Commission
Directorate of Regulatory Operations
Region 1
631 Park Avenue
King of Prussia, Pa. 19406

Attention: Mr. Walter G. Martin, Chief
Material and Plant Protection Branch

Subject: Exclusion Boundaries - Fissile Material Storage

References: (1) Your letter dated Sept. 25, 1973
(2) Our letter dated Nov. 20, 1973
(3) Your letter dated Nov. 29, 1973

Gentlemen:

We have further examined corrective actions to be taken to assure that fissile material is not stored closer than three feet from boundaries of exclusion areas. Our program of control over this matter involves the following elements:

1. Daily inspection of exclusion areas on an unannounced, random, basis by the Criticality Officer, the Safety Engineer, the Nuclear Materials and Accountability Monitor, and the Cognizant Engineer having technical responsibility for the work program as these individuals move through the plant in the performance of their duties.
2. Frequent verbal reminders to operating personnel as to the importance of observance of criticality safety limits, provided by the persons listed in 1. above.
3. The inclusion in our detailed written process description sheets of reminders as to the importance of maintaining the three-foot boundary during storage and processing.
4. The marking of the floor within each exclusion area to define a working area within which fissile material may be stored or processed, the area so marked being three feet within the exclusion area boundary.

We are of the opinion that these measures will provide effective control over our processing of fissile materials.

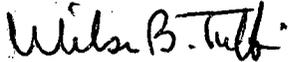
NUCLEAR METALS, INC.

December 11, 1973

United States Atomic Energy Commission
Directorate of Regulatory Operations, Region 1
Page -2-

As we monitor the effectiveness of this program we may learn that additional controls are desirable; should we impose any additional controls we shall so advise you.

Very truly yours,



Wilson B. Tuffin
President