

# Office Memorandum • NUCLEAR METALS

TO : Distribution

DATE: March 21, 1973

FROM : R. A. Robie

*Received by Nelson and  
Smith on 3/21/73 visit*

SUBJECT: AEC INSPECTION (3/14 - 3/16)

During the recent AEC inspection conducted by Mr. Phillip Jerman of the AEC, the following items of non-compliance were discussed:

1. Quarterly training of fire brigade

Last meeting January 5, 1973.

Minutes were written in memo.

Log book to be established for next meeting, April 10, 1973.

Franks to meet with Chief Tombeno on Wednesday, March 28, 1973.

2. Radiation safety meetings and minutes thereof

New employees assigned to enriched program - briefed by Criticality Officer.

Safety Engineer issues film badges and safety literature.

Enriched program personnel to meet on April 9, 1973.

Foundry and machine shop personnel to meet on April 10, 1973.

Extrusion press personnel to meet on April 11, 1973.

3. Airflow tests on sucker hoses and hoods - annual. Needs log?

Will insure that future tests are recorded in logs.

Next test scheduled for May 15, 1973.

4. Question record keeping of source materials - shipments and transfers

Paperwork-control system to be established by R. Robie to be in effect by March 31, 1973, and refined and analyzed by August 1, 1973 (time of Annual Physical Inventory).

A129

March 21, 1973

## AEC INSPECTION (3/14 - 3/16)

5. Proof that source material recipients have license to possess

To be completed by April 15, 1973.

6. Condition of portable monitoring instruments - repair and calibration

Sent out for repair and received back drill hole Geiger counter and Juno counter.

Have sent out second drill hole counter, Cutie-Pie high level meter, gas proportional counter, and second Juno.

7. Can we make more use of portable air samples?

Additional readings to be taken in foundry over the next 30 days.

8. Foundry - Film badge contamination?

New I.D. badges to be issued.

Phantom badges to be established for further controls.

(See note 2.)

9. Foundry - Hand contamination?

Finger-tip dosimeters have been ordered from Landauer.

Will be implemented in foundry and machine shop and analyzed by Landauer.

10. Stack sampling and in-the-building samples

Being done monthly.

March 21, 1973

## AEC INSPECTION (3/14 - 3/16)

11. Exhaust port E-30 - 10X permissible limit?

Salt pot - 300T press - Cut-O-matic saw.

Will clean-up process and use portable air samplers to refine process.

12. Surveillance of foundry:Shoe contamination?

Will wash or paint floor in foundry.

Make sure employees do not wear shoes home.

Foundry processing?

Vent system reviewed, and changes if necessary to be quoted this week by Consultant F. Viles.

More air samples?

(See item 7.)

Wipe tests?

Being taken monthly and analyzed.

13. Samples re: dumping in bog?

PH samples are taken before dumping.

(See item 14 below.)

14. Environmental survey: (last one 12/71)

✓ Analysis? (Should be 12/72.)

Will be sent out next week with samples for period W/E 3-23-73.

March 21, 1972

14. Environmental survey: Continued

Soil samples?

(Same as above.)

Well samples?

(Same as above.)

15. Sign replacement?

Done.

16. Foundry - shield storage - Enclosure required?

Done.

17. Criticality alarm in Butler Bldg?

Will be installed before April 15, 1973.