



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20545-0001

May 17, 1995

Mr. Frank Vumbaco
Vice President, Health and Safety
Nuclear Metals, Inc.
2229 Main Street
Concord, MA 01742

SUBJECT: ENVIRONMENTAL ASSESSMENT

Dear Mr. Vumbaco:

I appreciate the assistance that you and your staff provided to many NRC and Oak Ridge National Laboratory (ORNL) representatives during the visit May 11, 1995. The information that you and your staff provided will assist in completing the environmental assessment for the routine NMI operations in a timely manner. During the meeting additional information was needed and you requested that I provide a specific listing. Enclosed is a supplemental request for information that is needed to assist ORNL in preparing the draft environmental assessment. I would appreciate you sending a copy of the information to:

U. S. Nuclear Regulatory Commission
ATTN: Ms. Patricia A. Santiago
Commercial Section
Mail Stop 1815
Washington, DC 20555

Robert A. Miller
Project Manager
Building 4500N, MS-6200
Post Office Box 2009
Oak Ridge National Laboratory
Oak Ridge, Tennessee 37831-6200

If you are unable to provide the information within two weeks, I would appreciate your advising me of the projected date that you will be able to submit the information. I can be reached at (301) 415-2269. If you have any questions.

Sincerely,

Patricia A. Santiago
Patricia A. Santiago, Section Leader
Commercial Section
Medical, Academic, and Commercial
Use Safety Branch
Division of Industrial and
Medical Nuclear Safety
Office of Nuclear Material Safety
and Safeguards

Enclosure:
Supplemental Request for Information

A-33

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U. S. Nuclear Regulatory Commission
ATTN: Ms. Patricia A. Santiago
Commercial Section
Mail Stop T8F5
Washington, DC 20555

Robert R. Miller
Project Manager
Building 4500N, MS-6200
Post Office Box 2008
Oak Ridge National Laboratory
Oak Ridge, Tennessee 37831-6200

If you are unable to provide the information within two weeks, I would appreciate your advising me of the projected date that you will be able to submit the information. I can be reach at (301) 415-7269, if you have any questions.

Sincerely, /s/
Patricia A. Santiago, Section Leader
Commercial Section
Medical, Academic, and Commercial
Use Safety Branch
Division of Industrial and
Medical Nuclear Safety
Office of Nuclear Material Safety
and Safeguards

Enclosure:
Supplemental Request for Information

Distribution: W/O Enclosures

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NAME	PSantiago																			
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SUPPLEMENTAL REQUEST FOR INFORMATION

1. Please provide an estimate of the percentage of company revenue earned from NRC-licensed activities.
2. Please provide on diskette the 1993 and 1994 on-site meteorological data (5-minute instantaneous measurements). The files should be in Excel format.
3. Please provide on diskette the CAPS8PC output files.
4. Please provide data on depleted uranium amounts given to American Nuclear Insurers.
5. Please provide estimates of the maximum quantities of radioactive materials that would ever be contained in each of the process areas of the plant. The breakdown of process areas should be as small as possible. For example, how much material would ever be located in the fountray area? How much material would be in the drums in the finishing area?
6. Please give the physical forms of the material (e.g., powder, billets, chips, cuttings/fines) associated with the above estimated quantities. An estimate is needed for each form of material in each area.
7. For the above estimated quantities, please provide the principal chemical species and isotopes (e.g., natural uranium, depleted uranium). Any anticipated radiologically significant contaminants should be specified (e.g., radium was briefly mentioned during the site visit). Also does a "typical" assay exist for those types of materials that could provide a percentage breakdown of the radioactive constituents?
8. Confirmation that a request will be submitted to remove thorium from the NRI license renewal application. If thorium will not be removed from the license renewal application, please state the amounts and locations that will be possessed so that it may be evaluated in the draft environmental assessment as necessary.

Enclosure 1