

July 11, 1995

Mr. C. Scott Eves  
Vice President, Environmental Services  
Shieldalloy Metallurgical Corporation  
12 West Boulevard  
P.O. Box 768  
Newfield, New Jersey 08344

SUBJECT: REQUEST FOR CHANGE IN SCHEDULE FOR QUARTERLY MONITORING

Dear Mr. Eves:

By letter dated June 7, 1995, you have requested that third quarter sampling at the Shieldalloy Metallurgical Corporation (SMC) facility, in Newfield, New Jersey, be conducted approximately 3 weeks prior to when it would typically be performed. The accelerated schedule for sampling was to include employee monitoring, large area air monitoring, contamination surveys, environmental TLD exchange, instrument evaluation, and source material inventory. The purpose for the request was to allow SMC to baseline a new production process to produce ferro-columbium using columbium oxide which does not contain licensable quantities of radionuclides.

As I discussed with you by telephone on June 8, 1995, the Nuclear Regulatory Commission has no objection to your accelerating the monitoring schedules for sampling programs other than large area monitoring. NRC's rationale for this is that employee monitoring and the use of environmental TLDs are continuous activities that would be performed despite the early changeout. Contamination surveys, instrument evaluation, and source material inventory would also not be affected by the early implementation of the non-radiological process. Because the purpose of large area air monitoring is to provide indication of internal worker exposures over the quarter, however, the results of this monitoring during columbian oxide processing would not be representative and therefore cannot be used to meet the intent of the license requirement for quarterly monitoring. Thus, SMC is permitted to complete large area air monitoring during the non-licensed process for baseline use, but is still required to complete acceptable third quarter area monitoring during licensed operations. My understanding from our telephone conversation is that SMC would likely not accelerate their third quarter sampling program based upon this decision.

If you have any questions, please call me at 301-415-8106.

Sincerely,

Original signed by MToken for:

Gary C. Comfort, Jr.  
Licensing Section 2  
Licensing Branch  
Division of Fuel Cycle Safety  
and Safeguards, NMSS

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Docket 40-7102

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