



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20535-0001

February 9, 1999

Mr. David R. Smith
Radiation Safety Officer
Stuoidalloy Metallurgical Corporation
P.O. Box 768
Newfield, New Jersey 08344

SUBJECT: TRANSFER OF BAGHOUSE DUST UNDER 10 CFR 40.13(A) AND 40.51(b)(3)
(TAC NO. 130426)

Dear Mr. Smith:

The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed your request by letter dated June 24, 1998, to transfer baghouse dust containing less than 0.05 weight percent source material to an exempt person, in accordance with 10 CFR 40.51(b)(3) and 40.13(a). The staff also reviewed your report entitled, "Technical Basis for the Use of Baghouse Dust as an Additive in Concrete Production."

Based on the information you submitted, the NRC performed independent dose calculations to determine the potential doses to individual members of the public as a result of these transfers. The staff has determined, based on the results of these assessments, that the total effective dose equivalent to an individual member of the public or worker from the transfer of the material to a cement manufacturer is not expected to exceed 100 mrem/yr as specified in 10 CFR 20.1301(b), under routine conditions. Based on this determination, the NRC staff has no objection to you transferring this material.

If you have any questions about this letter or the assessments that were performed, please call Heather Anwood of my staff, on (301) 415-5819.

Sincerely,

A handwritten signature in cursive script that reads "Carl J. Paperiello".

Carl J. Paperiello, Director
Office of Nuclear Material Safety
and Safeguards

Docket 40-7102
Houren SMB 743