

ORISE

OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION

ENERGY/ENVIRONMENT SYSTEMS DIVISION

February 2, 1994

Duncan White
U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406

**SUBJECT: ANALYSIS OF SAMPLES FROM SHIELDALLOY METALLURGICAL
CORP., NEWFIELD, NJ**

Dear Mr. White:

Enclosed are gross alpha and gross beta activities for water samples from the Shieldalloy site in Newfield, New Jersey. Results show no appreciable activity.

If you have any questions please call me at (615) 576-2908 or Mark Laudeman at (615) 576-3561.

Sincerely



Michele R. Landis
Program Manager
Environmental Survey and
Site Assessment Program

MRL:rde

Enclosure

cc: T. Mo, NRC/NMSS, 4E4
D. Tiktinsky, NRC/NMSS, 6H3
D. Sreniawski, NRC, Region III
NRC/PMDA, 6E6
J. Berger, ORISE/ESSAP
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File/142

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**RADIOACTIVITY IN WATER
SHIELDALLOY METALLURGICAL CORPORATION
NEWFIELD, NEW JERSEY**

Sample No.	Gross Alpha and Beta Activities in pCi/l	
	Beta Activity ^a	Alpha Activity ^a
1	18.8 ± 2.0	<3.1
2	3.9 ± 1.2	<1.5

^aUncertainties represent the 95% confidence level based only on counting statistics.