



SHIELDALLOY METALLURGICAL CORPORATION

WEST BOULEVARD
P.O. BOX 768
NEWFIELD, NJ 08344

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ENVIRONMENTAL DEPARTMENT FAX
(609) 697-9025

September 27, 1990

Mr. Thomas T. Martin
United States
Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406

RE: Response to Notice of Violation Dated 8/24/90,
Routine Inspection No.04-07102/90-001 Conducted 5/2/90

Dear Mr. Martin:

This letter is written in response to the subject Notice of Violation and addresses the actions which have been taken by Shieldalloy Metallurgical Corporation (SMC) to correct the noted violations. The following responses and explanations of corrective actions taken by SMC are presented in the same order as listed in the subject Notice.

Violation A: Violation of Condition 8 of License No. SMB-743

SMC originally submitted an NRC license renewal application in July 1988 requesting an increase of our possession limits more in line with our current inventories. As a result of the referenced inspection, SMC submitted a request for an amendment to the existing license for increasing our possession limits. Our amendment request of May 22, 1990 is attached for your records and information. It is our understanding that amendments are given a priority review by NRC over NRC license renewal applications and, therefore, believe this corrective action by SMC addresses this noted violation. Full compliance is, however, pending receipt of NRC's response to this amendment request.

Violation B: Instrument Calibration

SMC submitted our radiation survey instrument for calibration immediately after the subject inspection. To avoid future violations, SMC requested that calibration stickers be placed on all calibrated instruments. Full compliance was achieved upon receipt of the calibrated instrument during the week of May 21, 1990. Attached is the calibration report.

9010020028 JPP

Mr. Thomas Martin, USNRC-Region I
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If you should have any further question, please do not
hesitate to contact me.

Sincerely,

Michael Morgenstern

Michael R. Morgenstern
Environmental Manager

MRM:lms

Attachments

CC: W. Fergus Porter
Michael A. Finn
Richard D. Way
David R. Smith
Charles L. Harp, Archer & Greiner
John Austin, Arter & Hadden
Charles J. Haughney, USNRC-DIMS



HEALTH PHYSICS inc.

2986 Industrial Blvd. Box 197 • Bethel Park, Pa 15102 • Phone 412 • 835-9555

CCCCCCCCCCCCCCCC CALIBRATION CERTIFICATE JJJJJJJJJJJJJJJJJJJJJJJJJJJJJJJ

SHIPPING ADDRESS	BILLING ADDRESS (If Different)
Shield Alloy Metallurgical Corp. West Blvd Newfield, NIT 08344	P.O. Box 768

CONTACT: M. Morgan-Lynn PHONE # (609) 697-4200; DATE 5/15/90 P.O.# 20667

condition of equipment received Calibration

Mfg. Inst. Victoreen Mod# 492 Ser# 4888
 Detector Tnt-6M Mod# Ser#

CALIBRATION REPAIR SALE LOAN By: J. Douglas

scale	source	reading	scale	source	reading	scale	source	reading
	mR/hr			mR/hr			mR/hr	
<u>X1</u>	<u>2.8</u>	<u>3</u>	<u>X10</u>	<u>27.2</u>	<u>27.9</u>	<u>X100</u>	<u>312</u>	<u>309</u>
	<u>7.6</u>	<u>7.7</u>		<u>66.9</u>	<u>66</u>		<u>696</u>	<u>669</u>

Calibration Source GAMMA ELECT ALPHA BETA OTHER

Description ra-226 cs-137 sr-90 pu-239 MP-1

Response Graph: <u>N/A</u>	Probe Efficiencies <u>N/A</u>
	ALPHA <u>---</u> % BETA <u>---</u> %
	Check Source Reading <u>N/A</u>
	Battery Check Reading <u>OK</u>
	Detector Angle <u>Perpendicular</u>
	Correction Factor <u>N/A ± 10%</u>

Maintenance & Comments: Replaced @ D Pulls, AV/LL - OK, Holding Bureau
ANA # A0050 for Repair

Tested, Inspected & Calibrated

Calibration	\$60.00/Cal	<u>60.00</u>	Shipping	<u>UPS</u>
DOS CHECK	\$60.00/4ea		DATE	<u>5/16/90</u>
LABOR	\$60.00/Hr		QA DEPT	<u>[Signature]</u>
MATERIALS	<u>2.00 ea</u>	<u>4.00</u>	PICK-UP	<input checked="" type="checkbox"/>
SALES			DATE	<input checked="" type="checkbox"/> <u>1/1</u>
Shipping	<u>UPS</u>	<u>0 Unit</u>		

NOTICE: Under Applied Health Physics license #37-09135-01 & in accordance with Federal, Local or State regulations sources are traceable to the National Bureau of Standards. This certificate expires in 3 months and should be recalibrated on or before 2/15/90. The frequency of this recalibration may vary due to governmental requirements. A copy of this record should be maintained for future inspection by the appropriate authorities.