



*United
States
Steel
Corporation*

TECHNICAL CENTER

ONE TECH CENTER DRIVE
MONROEVILLE, PENNSYLVANIA 15146

March 22, 1985

Mr. John D. Kinneman, Chief
United States Nuclear Regulatory
Commission
Nuclear Materials Section A
Nuclear Materials and Safeguards
Branch
Region I
631 Park Avenue
King of Prussia, PA 19406

Dear Mr. Kinneman:

In reference to your letter dated February 22, 1985 and received in our office March 7, 1985 concerning the routine safety inspection of our NRC License No. 37-03330-04 (Docket No. 30-06097), we acknowledge receipt of Appendix A - "Notice of Violation."

We have taken corrective action to rectify the out-of-date calibration of our neutron survey meters. The inspection was conducted on Friday, February 1, 1985. On that same day, Applied Health Physics, Inc. (AHP), Bethel Park, PA, was contacted by telephone. They indicated that they would be able to calibrate our meters. The meters were shipped on Monday, February 4, 1985 as noted by the attached purchase requisition and shipping form.

The meters were returned on March 4, 1985, uncalibrated, and with a terse note indicating that AHP could not calibrate the neutron meters at this time. Mr. John H. Douglas, Manager of Instrument Services, AHP, was contacted by telephone to determine why the meters could not be calibrated and why the meters had been kept so long. He referred to problems with their source as the reason for noncalibration and indicated the meters had been shipped February 20, 1985. Apparently, the meters were delayed in shipping for two weeks. Mr. Douglas was asked for names of other people who might provide the calibrations. The University of Pittsburgh and The Victoreen Company were suggested. Victoreen was contacted and they do not provide this service. Ms. Ann Maitz, C.H.P., of the University of Pittsburgh said that the university does calibrate its own neutron meters, but, after checking with the

8506070215 850524
REG1 LIC30
37-03330-04 PDR

March 22, 1985

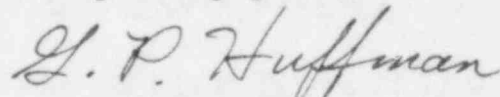
NRC, said that they would be in violation of their license if they performed this service for others. However, she provided information about two other companies who might. One is no longer in business and the other proved unsuccessful. Your office was contacted, and Mr. F. Costello was helpful in providing other names that could be contacted.

On March 6, 1985, RAD Services, Pittsburgh, PA, indicated a willingness to calibrate the meters. They were personally delivered on March 8, 1985. On March 20, 1985, Mr. J. Shoemaker of RAD Services informed us that the gamma meter would be calibrated by RAD, but the neutron meters would have to be shipped to their affiliate, Ludlum Measurements, Inc., Sweetwater, TX, for calibration. Mr. Duane Stevens will be responsible for the calibration. It is estimated that 30 days will be necessary for the completion of the calibrations. If the U. S. Steel neutron facility is used before the return of the survey instruments, a survey meter will be loaned to us by RAD Services.

In the future, the calibrations will be handled by RAD Services and their affiliate, when necessary, and will be made semiannually. As shown on the attached sheet and as part of the service, RAD will remind us that the calibrations are due. Future calibrations will be done on a staggered basis so that one instrument is available in the neutron facility at all times.

We hope these corrective steps are satisfactory to return to full compliance with the conditions of our license and to avoid future problems.

Very truly yours,



G. P. Huffman, Chairman
USS Technical Center
Radiation Committee

/gjb

10# 045-0061642 07

FOR STORES OR PURCHASING USE TO DESIGNATE SELECTED VENDOR

APPLIED HEALTH PHYSICS, INC.
2986 INDUSTRIAL BLVD.
BETHEL PARK, PA 15012

ATTENTION: JOHN DOUGLAS

P.O./REL DATE
REQ DATE 2/1/85
DELIVERY
TERMS

WORKS JOB NUMBER

PREVIOUS ORDER NUMBER

PREVIOUS BUYER NUMBER

DELIVERY WANTED
ASAP

GENERAL DESCRIPTION
SAFETY-RADIATION METER CALIBRATION

F.O.B.

FREIGHT

YES NO

END USE OF MATERIAL

RADIATION PROTECTION SURVEYS

DELIVER TO
MINARDOZZI MS#1
ONE TECH CENTER DR
MONROEVILLE, PA 15146

ATTACHMENTS FOR THIS ORDER

☐ YES ☒ NO

PITTSBURGH SERVICE CENTER INVOICE APPROVAL ☐

WORKS INVOICE APPROVAL ☐

COMMODITY CODE AND DESCRIPTION

ITEM

QUANTITY & U/M

PRICE

U/M

PLEASE CALIBRATE THE FOLLOWING
RADIATION SURVEY METERS:

1. NUCLEAR CHICAGO NEUTRON METER
(MODEL 2673; Serial #190)
and Probe (MODEL 2646; Serial #191)
2. EBERLINE FAST NEUTRON METER
(Model FN-1A; Serial #167)
3. PICKER DOSIMETER NEUTRON METER
(Model 600081; Serial #8764)
and Sphere (Accelerator, Inc. Ser# 1002)
4. NUCLEAR CHICAGO GAMMA METER
(MODEL 2650; Serial #2243)

Returned
3/4/85

50.00

50.00

50.00

50.00

BILL TO: USS ACCOUNTS PAYABLE
PO Box 267
PITTSBURGH, PA 15230

SHIP TO UNITED STATES STEEL CORPORATION
M.J. NARDOZZI MS#15
TECHNICAL CENTER
ONE TECH CENTER DR
MONROEVILLE PA 15146

TAXES FOR CONTRACTORS ACCOUNT ☐

AMOUNT PROVIDED

#200.00
xx

PITTSBURGH, PA. AREA CODE 412 563 2242
ALBANY, NY. 518 477 7974
WASHINGTON, DC. 301 469 9135

DEPARTMENT APPROVAL

M.J. NARDOZZI MS#15

ORIGINATOR

ACCT'G APPROVAL

825-2749

PHONE EXT.

DATE

COST CENTER W.C.B.E. EQUIP CODE APPROPRIATION DETAIL CODES

4504		59-0-404	000-004	
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JOHN H. DOUGLAS
MANAGER INSTRUMENT SERVICES



HEALTH PHYSICS inc.

2986 Industrial Blvd. • P.O. Box 197 • Bethel Park, Pa. 15102

Note: We cannot service or calibrate
Neutron meters @ this time

SHIPPING ORDER
Research Laboratory
United States Steel Corporation

PLEASE FILL OUT IN TRIPLICATE

DATE 2/4/85

TO C C Marciano } Shippers
D R Maughan }

PROJECT or CHARGE NUMBER 59-0-404-000-004

B 108 MS 18, Ext. 2791 or 2798

DESCRIPTION RADIATION SURVEY METERS

B Bldg. - Ship. & Receiving

VIA: Their Truck _____ Air Freight _____ Motor Express _____ UPS ☒
Other _____ Greyhound _____

VALUE OF SHIPMENT \$ 8000.⁰⁰~~XX~~ PREPAID ☒ COLLECT _____

CONSIGNEE'S ADDRESS APPLIED HEALTH PHYSICS, INC.

2486 INDUSTRIAL BLVD

BETHEL PARK, PA 15012

ATTENTION: JOHN DOUGLAS

REMARKS - "IF MATERIAL TO BE SHIPPED IS "RESTRICTED IN ANY FORM" (FLAMMABLE,
CORROSIVE, ETC), PLEASE EXPLAIN IN DETAIL" *****

There are TWO BOXES IN THIS SHIPMENT

DIVISION

70
4

SIGNED

[Signature]

MS

15

EXTENSION

2749

WEIGHT

75 lbs.

(Do not write below this line)

CARRIER

DATE SHIPPED

WAYBILL NUMBER

AMOUNT

SHIPPER

U.S. STEEL PURCHASE REQUISITION

☐ RELEASE
☒ PURCHASE ORDER

ORDER NO

545-08431

RELEASE NO

CHANGE
ORDER NO

NO COPIES

FOR STORES OR PURCHASING USE TO DESIGNATE SELECTED VENDOR

RAD SERVICES, INC.
 2045 ROUTE 286
 PITTSBURGH, PA 15239

P.O./REL DATE

REQ DATE

3/6/85

DELIVERY

TERMS

WORKS JOB NUMBER

PREVIOUS ORDER NUMBER

PREVIOUS BUYER NUMBER

DELIVERY WANTED

ASAP

DELIVER TO

M. J. NARDOZZI, MS#15
 ONE TECH CENTER DR
 MONROEVILLE, PA 15146

ATTACHMENTS FOR THIS ORDER

☐ YES ☐ NO

GENERAL DESCRIPTION
 SAFETY-RADIATION METER CALIBRATION

F.O.B.

FREIGHT

YES

NO

PREVIOUS SUPPLIER

END USE OF MATERIAL

RADIATION PROTECTION SURVEYS

PITTSBURGH SERVICE CENTER INVOICE APPROVAL ☐WORKS INVOICE APPROVAL ☐

COMMODITY CODE AND DESCRIPTION

ITEM

QUANTITY & U/M

PRICE

U/M

TO COVER THE COST OF CALIBRATION AND
 REPAIR OF THE FOLLOWING SURVEY METERS:
 (TERMS: \$35.00 per 4-RANGE METER + \$6.25
 per additional range for calibration; \$33.00
 per hour labor + cost of parts for repair.)

THE COST IS ESTIMATED UNTIL THE
 METERS HAVE BEEN EXAMINED BY THE
 VENDOR

NEUTRON

1. NUCLEAR CHICAGO, MODEL 2673

2. EBERLINE, MODEL FN-1A

3. PICKER SPHERE, MODEL 600081

4. NUCLEAR CHICAGO GAMMA MODEL 2650

5. LABOR AND PARTS (ESTIMATED)

BILL TO: USS ACCOUNTS PAYABLE

PO BOX 267

PITTSBURGH, PA 15230

TAXES FOR
 CONTRACTORS ACCOUNT ☐

AMOUNT
PROVIDED

\$ 500.00

STATE
TAX ☐TAXABLE ☐EXEMPT CODE ☐

ORDERING
 DEPT
 OR
 CONTROL
 NO

DEPARTMENT APPROVAL

M. J. NARDOZZI, MS#15

ACCT'G APPROVAL

825-2749

PHONE EXT

3/6/85

AUTHORIZED SIGNATURE - STORES

OTHER APPROVAL

COST CENTER	W C & E	EQUIP CODE	APPROPRIATION	DETAIL CODES	ITEM	%	PURCH STAT	MFRS CODE	STD UNIT	ITEM
4504		59-0-404-000-004								

Just A Reminder ...

Your instrument _____, Model _____

Serial _____ is due for calibration on _____

We look forward to being of service in this matter.

CUSTOMER:

Thank You For Your Business



2045 Route 286
Pittsburgh, PA 15239
Phone: 412/733-1900