BUSHY RUN RESEARCH CENTER

R. D. 4. Mellon Road, Export, Pennsylvania 15632

Telephone (412) 733-5200

November 12, 1984

Mr. Thomas T. Martin, Director Division of Engineering and Technical Programs United States Nuclear Regulatory Commission Region I 631 Park Avenue King of Prussia, PA 19406

Dear Mr. Martin,

This letter is in response to the Notice of Violation for Inspection No. 84-01 conducted by Mr. R. H. Ladun on September 5 and 6, 1984 under NRC License No. 37-19533-01 and Docket No. 030-17480.

Item A states that a physical inventory be conducted every six (6) months to account for all foils or sources received and possessed. A physical inventory was taken on November 9, 1984 and further inventories will be taken at 6 month intervals beginning with May 1985.

Item B states that survey instruments be calibrated semi-annually. The three (3) survey instruments used on site have been calibrated. Enclosed is a copy of the Calibration Certificates. The company will notify us when the next calibration is due which is March 17, 1985.

Both violations have been corrected and steps have been taken to ensure future compliance. If there are any further comments please don't hesitate to notify me.

Sincerely,

Marilyn J. Tallant, B.S.

Marilys & Tallast

Radiation Safety Officer

MJT/vlt/2256

Enclosures: 3 Calibration Certificates

8501140023 850107 NMS LIC30 37-19533-01 PD PDR



CALIBRATION CERTIFICATE

Instrument Calibration Standard Value Before Calib. After Calib.	ATION
Range Standard Value Before Calib. After Calib. X0.1	A STATE OF THE PARTY OF THE PAR
X0.1 0.1 mR/hr 0.2 0.2 0.4 0.4 X1 1 2 4 X10 10 20 20	Comment
STATEMENT OF CERTIFICATIO	All Calibrations Btn. + & -10

Calibration Date: 9-17-84

Next Calibration Due: 3-17-85

Authorized Agent

Title Admin. Coordinator Date 9-17-84



CUSTOMER INFORMATION

CALIBRATION CERTIFICATE

INSTRUMENT INFORMATION

"This Certificate will be accompanied by Calibration Charts or Readings where applicable"

	Customer Name: Customer Address: Customer P.O.# Service W.O.#	Union Carbide Bushy Run Research Center RD 4, Mellon Road Export, PA 15632 132-20647-4 I-84-10-233		External P	MP-1 sn298 137Cs sn107
	Instrument Range	Calibration Standard Value	Instrumen Before Calib.	After Calib.	Comment
2345678901234		6.6 CPS 66.6 1,333.3	6.8 CPS 70 700 1,500	6.5 CPS 65 650 1.300	All Calibrations Btn. + & -10% High Voltage = 610 1 mR = 30 CPS
22					

STATEMENT OF CERTIFICATION

We Certify that the instrument listed above was calibrated and inspected prior to shipment and that it met all of the Manufacturers published operating specifications. We further certify that our Calibration Measurements are traceable to the National Bureau of Standards (We are not responsible for damage incurred during shipment or use of this instrument).

Instrument Calibrated by:	Welliam Owens		
Calibration Date:	9-17-84	(Signed)	
Next Calibration Due	3-17-85		

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Title Admin. Coproinator Date 9-11-84



CALIBRATION CERTIFICATE

"This Certificate will be accompanied by Calibration Charts or Readings where applicable"

CU	STOMER INFORM	ATION	IN	STRUMENT INFORMATION
Customer Name: _Customer Address Customer P.O.# Service W.O.#	Union Carbid Bushy Run Re RD 4, Mellon Export, PA 132-20647-4 I-84-10-233	search Center Road	Model External l	Mini Monitor 5.10 Serial Number 10569 Probe(s) Serial # on Method MP-1 sn298 137Cs sn107
	11		IBRATION INFOR	MATION
Instrument Range	Calibration Standard Value	Instrumer Before Calib.	After Calib.	Comment
N/A		5.9 CPS 60 610 1,250	6 CPS 65 675 1,400	All Calibrations Btn. + & -10 High Voltage = 630 1 mR 30 CPS
			OF CERTIFICATION	prior to shipment and that it met all of the

We Certify that the instrument listed above was calibrated and inspected prior to shipment and that it met all of the Manufacturers published operating specifications. We further certify that our Calibration Measurements are traceable to the National Bureau of Standards (We are not responsible for damage incurred during shipment or use of this instrument).

Instrument Calibrated by:	William Owens
Calibration Date:	9-17-8 ^(Signed)
Next Calibration Due:	3-17-85

Authorized Agent
Title Admin. Coordinator Date 9-17-84