

SMITHSONIAN INSTITUTION

WASHINGTON, D. C. 20560

July 22, 1988

MS-16

Q-7

Mr. Selvan Rajendran
Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

19-15690-01

Dear Mr. Rajendran:

As requested, I am providing the necessary instrument calibration information in support of the Smithsonian Institution recent license application, control number 109159.

This information is as follows:

Portable radiation detection instruments will be calibrated every 6 months by a company licensed to perform such services. Calibration methods will be derived from ANSI N323-1978 and U.S. NRC Regulatory Guide 10.8, Revision 2, Appendix B or as recommended by the instrument manufacturer.

Your assistance in this matter is greatly appreciated. Should any additional information be required please call me on (202) 287-3615.

Sincerely,

Ruth E. Lantzy

Ruth E. Lantzy, Chief
Environmental Management Division

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109159
25 JUL 1988

CONVERSATION RECORD			TIME	DATE 7/15/88
TYPE	☐ VISIT ☐ CONFERENCE ☐ TELEPHONE			☐ INCOMING ☒ OUTGOING
Location of Visit/Conference:				
NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU	ORGANIZATION (Office, dept., bureau, etc.)	TELEPHONE NO.		
Joseph Miklas	Smithsonian	301 261-4190		
SUBJECT				
Regarding field Studies				

SUMMARY

He stated that all studies are done in Bottle.

~~all are separate systems~~ The bottles are taken to the environment to achieve certain conditions needed for the study.

All of the materials are disposed in the laboratories, usually 95-99% by air via fume hood.

They do keep track of all released, the highest amount of C-14 ~~ever~~ used in the experiment is 200 µCi.

Same kind of studies are done using H-3

ACTION REQUIRED

Information

NAME OF PERSON DOCUMENTING CONVERSATION	SIGNATURE	DATE
SELVAN RAJENDRAN	Selvan Rajendran	7/15/88

ACTION TAKEN

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SIGNATURE	TITLE	DATE

