

MS 16
P3

BAKER TESTING SERVICES, INC.

NONDESTRUCTIVE EXAMINATION
METALLURGY AND FAILURE ANALYSIS

1193R North Main Street
Randolph, MA 02368

October 24, 1985

United States Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Attention: Mr. John Miller

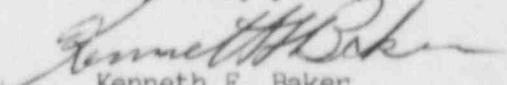
Dear Mr. Miller,

I have taken readings on the four (4) sides of our vault and the roof using 25 curies and our D-17 Tungsten Collimator. I am willing to re-write our license using no more than 50 curies in the vault, pending your approval. It would also be stipulated that the collimator must be used.

The maximum readings on the North and South walls were .6 mr/hr. The maximum reading on the East wall was .4 mr/hr. The maximum reading on the West wall was .3 mr/hr. The maximum reading at one isolated spot at contact with the roof was 15 mr/hr. The height of the roof is 10'.

Please let me know if this meets with your approval and I will re-write the necessary pages of our license.

Very truly yours,


Kenneth F. Baker
President/RSO
Baker Testing Services Inc.

License #20-19067-01
Reference Docket No. 030-16008
Control No. 03110

KFB/ndb

91 8 14 02 130 5851

RECEIVED-REGISTRATION

8602100041 860106
REG1 LIC30
20-19067-01 PDR

03110
"OFFICIAL RECORD COPY"

OCT 28 1985

ML10

CONVERSATION RECORD

TIME

AM

DATE

10/10/85

TYPE

☐ VISIT☐ CONFERENCE☒ TELEPHONE☒ INCOMING☐ OUTGOING

ROUTING

NAME/SYMBOL

INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

KEN BAKER

ORGANIZATION (Office, dept., bureau, etc.)

BAKER TESTING

TELEPHONE NO.

(617) 986-4000

SUBJECT

REQUEST for a LICENSE RENEWAL

SUMMARY

Miller informed Mr. Baker that he was unable to confirm many of the values used for his shielding calculations. He also told him that a $1.5 R \text{ hr}^{-1}$ field on a 9 ft roof was unacceptable in that it was a ~~radiation~~ high radiation area that must be ~~control~~ positively controlled per 10 CFR 20.203(c)(2).

Miller requested Baker to make some actual radn level measurements and submit survey data to support the shielding adequacy of his radiography. Miller also told Mr. Baker to submit the source strength, geometry information, collimator used, etc. for the conditions under which the survey was made.

Baker stated he would submit a letter within 1 week.

ACTION REQUIRED

Requested a letter providing additional information.

NAME OF PERSON DOCUMENTING CONVERSATION

JOHN J. Miller

SIGNATURE

John J. Miller

DATE

10/10/85

ACTION TAKEN

"OFFICIAL RECORD COPY" ML10

SIGNATURE

TITLE

DATE