

FOUNDATION ENGINEERING COMPANY, INC.

FOUNDATIONS AND SOIL MECHANICS INVESTIGATIONS

MATERIALS TESTING LABORATORY

714 Hoare St. Miramar
Santurce, Puerto Rico 00907

Tel. 725-2047
Area Code 809

August 12, 1985

Mr. Paul R. Guinn
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, N.W.
Atlanta, Georgia 30323

Subject: Material License Application
(Reference 50536; 030-20239)

Ref.: Mail Control No. 50536

Dear Mr. Guinn:

I am pleased to send you the additional information requested in your letter of July 23, 1985.

- 1- Regarding my experience on Seaman and Chicago Nuclear Gauges during the period of 1953-1978, I would like to inform the following. I was working with The Foundation Engineering Co. Inc. of P.R. and our firm had about seven (7) nuclear gauges. I, personally checked the density of compacted fills for many construction projects within Puerto Rico and the U.S. Virgin Islands. Technical personnel from Brainard-Kilman firm of Tucker, Georgia visited P.R. and gave us a short seminar on the use and safety of nuclear gauges. During that period a license was not required to operate.
- 2- The nuclear equipment will be stored in a locked enclosure-actually a concrete closet with a locked wooden door-preventing the access by unauthorized persons and physically watched by me, at all times. The nuclear device will be transported to and from the construction sites, through the most direct route, in the rear of pick-up truck, inside a wooden box with a lock and securely fixed to the vehicle. The device will be handled with care to protect health and minimize danger to life and property.

8512030362 850926
REG2 LIC30
52-23072-01 PDR

Official Copy

Received 8/16/85
R. J. King II

FOUNDATION ENGINEERING CO., INC.

Mr. Paul R. Guinn

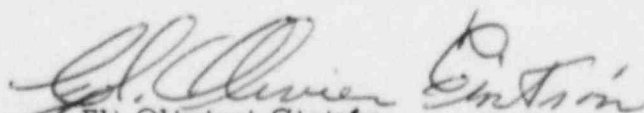
August 12, 1985

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- 3- Leak testing. We shall use a commercial leak-test kit. We shall take the smear and send it to the kit supplier who will report the results to us. At this time we do not have the name nor address of the kit supplier. Your assistance on this subject will be appreciated.
- 4- Any maintenance that I will perform including cleaning, will always be done with the radioactive source in the safe shielded position.
- 5- Transportation. Transportation of the nuclear gauge will be carried out in strict accordance with the applicable requirements of the P.R. Department of Transportation and Public Works in accordance with the Federal DOT regulations on transportation of radioactive materials.
- 6- Our personnel will be provided with written operating and emergency procedures specifically regarding the use of personnel monitoring the device; use and storage; transportation; leak testing and emergency procedures.
- 7- The disposal of the radioactive source will be done by transfer of the radioactive material only to a licensee specifically authorized to possess it.

Sincerely,

FOUNDATION ENGINEERING CO., INC.


Eli Olivieri Cintrón
Radiation Protection Officer

aov

CONVERSATION RECORD

TIME

9²⁰ AM

DATE

8/19/85

TYPE

☐ VISIT☐ CONFERENCE☒ TELEPHONE☐ INCOMING☒ OUTGOING

Location of Visit/Conference:

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

Eli Olivieri Centron

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

Formulation Engineering, Inc.

TELEPHONE NO.

819-725-8824

SUBJECT

Application for a new license -

Control # 50534

SUMMARY

(J. Potter + PAUL GUINN made this call)

told me Olivieri that we still need the following information

1. Name of lead test kit to be used

2. Copies of operating + emergency procedures for our review.

Discussed each of the above with Olivieri and referred him to the guide sent to him with our letter dated July 23, 1985

ACTION REQUIRED

Wait for reply

NAME OF PERSON DOCUMENTING CONVERSATION

PAUL R. GUINN

SIGNATURE

Paul R. Guinn

DATE

8/19/85

ACTION TAKEN

SIGNATURE

TITLE

DATE