

JACA & SIERRA TESTING LABORATORIES  
SOIL CONSULTING ENGINEERS

Soil and Material Testing Laboratories  
Earth Work Supervisions

Tels. 761-2570 & 761-2668

G.P.O. Box 3116  
San Juan, Puerto Rico 00936

October 18, 1985

U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta St., N.W.- Suite 2900  
Atlanta, Georgia, 30303

REF: Renewal Lic. No.52-19064-01  
Program Code : 03121

Dear Sirs :

In response to your Notice of Expiration dated August 1, 1985 I am hereby requesting Renewal of the Lic.No.52-19064-01 for the use of radioactive sealed sources in portable gauging devices.

In support of this request, please find enclosed the Document Review of the Current License and Radiation Protection Program and the proper fee (\$120.00) for the Renewal of a License Category 3P as stated in 10 CFR-170.31.

Hoping to complete all the information required for the Renewal of the License, I remain,

Sincerely yours,

JACA & SIERRA TESTING LABORATORIES

CARLOS R. SIERRA, P.E.

Applicant Oct 7 II  
Check No. 3515 Enclosures: Document on Review of the Current Lic. and Radiation.  
Amount/Fee Category \$120 (3P) Protection Program  
Type of Fee REN Check for \$120.00  
Date Check Rec'd 11/4/85  
Received By MC  
8512230414 851202  
REG2 LIC30  
52-19064-01 PDR

Official Copy

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October 21, 1985

REVIEW OF  
CURRENT LICENSE AND RADIATION PROTECTION PROGRAM

REF: Renewal Lic.No.52-19064-01  
Program Code : 03121  
Notice of Expiration dated 8/1/85

1. Current License Review :

- A. Items 1 through 9 of the License and conditions 10 and 11 remain unchanged.
- B. Concerning personnel: a) Licensed material shall be used by Carlos R. Sierra (RSO), Pablo E. Agosto (supervisor), and Operators properly trained in the use and handling of this type of nuclear gauging devices. b) Mr. Santiago Gómez (NRC Lic. No. 52-17420-01) works as Radiation Physics Consultant and performs the sealed sources leak test and radiation survey every six months.
- C. Facilities and equipment are the same and the access to a properly calibrated. G.M. Survey Meter has been arranged with the Radiation Physics Consultant. Personnel monitoring services are being received from R.S. Landauer Jr. and exchanged monthly.

2. Review of the Application Document :

Information provided in that Document is up-to-date and represents the current Radiation Protection Program including :

- A. Physical inventory is made by the RSO and/or the Radiation Physics Consultant every six months and keep records.
- B. The RSO or the Operators supervisor verify the location of each CPN Unit every day and enforce Operators to return the Units to the storage room when not in use at temporary job sites.

- C. Any CPN Unit Operator shall attend a formal training course given by Brainard Kilman Drill Co. or equivalent training and experience in the use and handling of radioactive sealed sources in devices.
- D. For security purposes during transportation to the temporary job sites, CPN Units are secured with special chain and pad lock with a plastic cover in the trucks platform to prevent access or removably unauthorized persons.

Radiation levels detected at the driver's position and one meter away from the truck are up to 0.1 mR/hr. During radiation safety instructions to personnel the RSO and/or the Radiation Physics Consultant shall enhance the importance for the CPN Units to be in storage or physically watched by the authorized user at all times.

- E. Waste disposal: it is not foreseen any waste disposal in the use and handling of CPN Units, but in the event of a serious damage of those devices, the final disposal will be performed by the manufacturer, i.e. Campbell Pacific Nuclear Corp. or any other NRC Licensee specifically approved to handle and/or dispose these sources.
- F. In case of emergency or accidents involving damage or loss of the CPN Units, the authorized user or person in charge of the operations shall call immediately to :

Carlos R. Sierra, RSO	Tel. 761-2570	Off.
Pablo E. Agosto-Supervisor	Tel. 761-2570	Off.
Santiago Gómez Figueroa	Tel. 767-0396 Tel. 751-0042	Off. Home

3. Review of NRC Regulations :

The new "Regulatory Guide for the preparation of Applications for Licenses for the use of sealed sources in portable gauging devices ." -for Comment- January , 1985 was used to evaluate and complement our Radiation Safety Program for the use of byproduct material in devices.

4. Please see enclosed letter requesting renewal of our License as well as the appropriate fee.

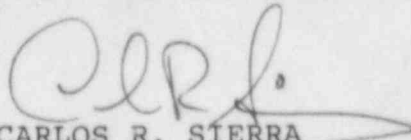
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5. No additional authorizations and changes are requested.
6. Person to be contacted in regard with this Renewal Application:  
Carlos R. Sierra Tel. (809) 761-2570.

October 21, 1985

JACA & SIERRA TESTING LABORATORIES

rsc

  
CARLOS R. SIERRA  
President