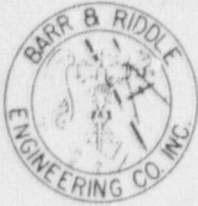


Barr & Riddle Engineering

1314 Buchanan Avenue • (816) 232-9000

ST. JOSEPH, MO. 64501



3/1/89 - Rep. adv
OK. WPR
License Fee

February 11, 1989

D.J. Sreniawski, Chief
Nuclear Materials Safety
U.S. Nuclear Regulatory Commission
79th Roosevelt Road
Glen Ellyn, IL 60137

Re: License No. 24-21156-01; Docket No. 030-30360

Gentlemen:

Thank you for your letter in reference to the safety inspection conducted by Mr. W.P. Reichhold on December 16, 1988.

As I discussed with Mr. Reichhold on the day of his inspection, we took our Campbell Pacific Nuclear gauge out of storage and began using it last summer after it had been stored since November of 1985. In the intervening time of the machine's storage, I had an injury requiring three weeks of hospitalization and back surgery followed by an extensive time of recuperation at home. When the job opportunity came up last spring requiring the use of the nuclear density gauge, we did not leak test the gauge. At the end of six months, however, we did the test and sent it off. When Mr. Reichhold came, we had not received the results back, but we called and learned the results were all right. Since that time, we have received the test results and I have attached a copy of their report to this letter.

So as not to again be in violation, we will be careful to do the leak test on a regular six-month basis from now on, as we had done since acquiring the gauge in the winter of 1982. We presume that having the test done is the only corrective action which could be taken and that we are now in full compliance. We will perform the leak test every November and May as long as we have the gauge in my control, and we have instructed the Campbell Pacific Nuclear Corp. to put us on a list of firms to which they send reminder notices one month prior to test time.

Sincerely,

Harold B. Barr, Jr.

Harold B. Barr, Jr.
PE, LS

HBB:lc

Enc: 1

8904100344

FEB 27 1989

CPN

2830 Howe Road
Martinez, California 94553
Telephone (415) 228-9770
Telex 17-1289 CPN-UD

CERTIFICATE OF LEAK TEST (LTK-1)

CUSTOMER BARR & RIDDLE ENGINEERING
1314 Buchanan
ST. Joseph, MO 64501

ATTENTION: Harold Barr

This is to certify that the leak test on the indicated source has been counted on the specified date and the results shown accurately represent the level of removable contamination.

SERIAL NO. OF SOURCE M17031851
ISOTOPE CS-137/AM-241 QUANTITY 10/50 MCI.
REMARKS BARR & RIDDLE ENGINEERING
MANUFACTURER CPN CORPORATION
DATE OF TEST 12- 9-88

RESULTS

GROSS COUNTS 412.
BACKGROUND COUNTS 412.
EFFICIENCY 46.7% DPM 0.00E+00

REMOVABLE CONTAMINATION 0.00E+00 Microcuries

(NOTE: Removable contamination equal to or greater than $5.0E-3$ microcuries (11,000 dpm) constitutes a leaking source.)

COUNTED BY Q. STOKLEY
DATE 12-16-88
A BUEHLER
INTERNATIONAL
COMPANY

APPROVED BY *C.P. Hyatt*
TITLE Radiation Protection Officer