



BPB INSTRUMENTS, INC.
Wireline Logging Systems

500 NO. MERIDIAN
SUITE 305

OKLAHOMA CITY, OK 73107
(405) 947-8020

September 5, 1985

Mr. James W. Patterson
United States Nuclear Regulatory Commission - Region III
Materials Licensing Section
799 Roosevelt Road
Glenn Ellyn, Illinois 60137

Dear Mr. Patterson:

This letter is a portion of the response to your letter to Andrew P. Reynolds and BPB Instruments, Inc. concerning Byproduct Material License Number 13-17342-01, reference control number 78457. I appreciate the extended time for this response that you granted during our telephone conversation on Wednesday last.

Mr. Reynolds informed me that he would be supplying the information necessary in item 1 (a) & (b) of your August 2, 1985 letter. I shall attempt to address the remainder of the items.

ITEM 2: The individual in charge of managing our program at Shawnee, Ok. is the District Manager, John Butler. Mr. Butler's name and qualifications were part of the original license issued to BPB Instruments, Inc. and has appeared on every amendment which has had reference to change in personnel. Mr. Butler transferred as Minerals Manager in Grand Junction, Co. to District Manager in Shawnee, Ok. in February, 1985. He was the designated individual in charge of managing BPB's program while in Grand Junction as well. The program, as conducted in Grand Junction, will also be utilized in Shawnee. We have attempted to standardize our procedures throughout all locations, and Oklahoma operations will be no exception.

ITEM 3: The following survey meters will be utilized in the Oklahoma operation. One meter each will be assigned to each truck and the Shawnee district location. All meters are manufactured by G.E. Smith and Associates, 919 Herbert, Pasadena, Texas 77506. They are Model GS-500A meters and are calibrated at the required 6 month intervals in accordance with N.R.C. (10 CFR 34.24) and Texas (TRCR 31-104) regulations. Calibration is performed either by G.E. Smith and Associates or Gulf Nuclear, 100 NASA Road One, Suite 411, Webster, Texas 77598.

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13-17342-01 PDR

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Remote handling equipment for handling the individual sources, is of the same type approved and utilized by our Evansville, In. facility. Source shields, source handling tools, etc. are identical in all respects, all having been supplied by the same manufacturers.

ITEM 4: All documents listed under Items 10.5.2 and 10.5.3 enclosed with your letter, are currently being maintained. In specific, under Item 10.5.2, records of the latest survey meter calibrations and leak test results from the appropriate monitoring company, are kept at Shawnee, with copies to our corporate headquarters in Evansville. Utilization records are in the form of a sign-in / sign-out journal and individual transportation, field survey, and truck survey forms for each temporary remote field operation. Under item 10.5.3, the previously mentioned survey records are performed for each temporary location. Evidence of current calibration for field meters is in the form of labels affixed to the meter bodies. Copies of our NRC license and Emergency and Operating procedures are maintained at the district location and in each operating truck. Inventories and Applicable regulations are maintained at the district location and at Corporate headquarters in Evansville, In.

ITEM 5: All logging sources will be maintained in the source pit at all times. Low level sources used for calibration purposes (designated as 6H and 6I in Amendment 10), are maintained either in locked side compartments on each truck or in the underground storage pit. When stored on the truck, radiation placards are utilized on the truck bodies, in the appropriately mounted locations (front, back, and each side). No sources, regardless of size, are left unsecured at any time.

ITEM 6: Since the original letter of intent to apply for an amendment to our existing license, David Farmer has left BPB Instruments, Inc. I am therefore withdrawing my request to have his name added to the BPB license.

I would instead like to request the following names to be added to the list: Robert E. Cox, Garland M. Peters, John Phillips, Ralph Mehl, and Joseph Hall. The appropriate qualifications appear on a separate enclosure with this letter.

CONTINUATION

If you require any additional information concerning the Oklahoma operation, please direct any inquiries to my attention at the following address:

BPB Instruments, Inc.
Attn.: Robert E. Cox
500 N. Meridian, Suite 305
Oklahoma City, Ok. 73107
(405) 947-8020

Thank you for your assistance and co-operation.

Respectfully,

Robert E. Cox

Robert E. Cox
Area Manager-Oklahoma

enc.



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Individuals & Qualifications

1. Robert E. Cox: Originally certified in February, 1979 through a radiation training course conducted by Willim Fry, Radiation Safety Officer for Birdwell Division of Seismograph Service Corporation. The course covered all items specified in Item 7, during a one week training period conducted at corporate headquarters in Tulsa, Ok. Constant experience with multiple forms of sealed sources, liquid source material, and containerized material has been maintained since that date. A refresher course and recertification was taken in 1984, again under Mr. Fry, operating under NRC licenses SNM-161 and 35-05651-01.
2. Garland Peters: Mr. Peters has attended several radiation seminars. The first was conducted by Gulf Nuclear, Inc. in Houston, Texas on January 13, 1977 while he was employed by Gearhart Industries. The training instructor was Frank Malek. His course of study included all items listed under Item 7, and has a certificate verifying his acceptable completion of the course. He took a refresher course administered by Mr. Al Caswell while working with Rosel Perforating in Liberal, Ks. This session was a two day class conducted in May, 1982.
3. Joseph Hall: Mr. Hall satisfactorily completed an approved Radiation Safety Course covering all subjects listed under Item 7, which was given by Gamma Industries on May 29, 1984, at BPB Instruments' Evansville, In. facility. The course instructor was Roy Parker, and Mr. Hall received a certificate documenting his acceptable performance during the course. He has been working under the supervision of Robert Weihmann or John Butler, ever since. Robert Weihmann's name appears on BPB Instruments' license as does John Butler's name.
4. Ralph Mehl: Mr. Mehl was certified in a training class conducted at the BPB Instruments' facility in Evansville, In., during a 2 day "Radiation Safety Program for Logging Supervisors." Course dates were April 8 and 9, 1985, and the course was given by Roy Parker, Ph.D. (Radiation Physicist). Mr. Mehl has been working under the supervision of John Butler ever since.
5. Gregory Raney: Mr. Raney successfully completed the same course taken by Ralph Mehl. He worked for 1-1/2 months under the supervision of Robert Weihmann and has since been working under the supervision of John Butler.

CONTINUATION

6. John C. Phillips: Mr. Phillips original certification for radiation safety and handling was taken while working for Schlumberger Well Services at their corporate training facilities in Houston, Texas, in 1979. All topics discussed in Item 7 were covered and he has 5 years experience working with both solid and liquid radioactive materials utilized in openhole, cased hole, and production logging services.

CONVERSATION RECORD

TIME

2:45 pm

DATE

August 28, 1985

TYPE

☐ VISIT

☐ CONFERENCE

☒ TELEPHONE

☒ INCOMING

☐ OUTGOING

ROUTING

NAME/SYMBOL

INT

Location of Visit/Conference:

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

Bob Cox

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

BPB Instruments, Inc

TELEPHONE NO.

405/947-8020

SUBJECT

Deficiency letter

SUMMARY

Mr Cox, requested a one or two week delay in responding to NRC's deficiency letter (control No 78457).

I told him that we would respect his request

ACTION REQUIRED

None

NAME OF PERSON DOCUMENTING CONVERSATION

Original Signed By
James W. Patterson

SIGNATURE

James W. Patterson

DATE

8/28/85

ACTION TAKEN

SIGNATURE

TITLE

DATE

50271-101

GPO : 1981 O - 341-526 (6502)

CONVERSATION RECORD

OPTIONAL FORM 271 (12-76)
DEPARTMENT OF DEFENSE