



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
631 PARK AVENUE  
KING OF PRUSSIA, PENNSYLVANIA 19406

September 6, 1983

License No.  
Docket No. 030-20772  
Control No. 15360

Fabco Piping, Incorporated  
ATTN: Ron C. Spangler  
Chairman and President  
1000 South 4th Street  
Harrison, NJ 07029

Gentlemen:

Your application dated July 11, 1983 for a byproduct material license  
has been assigned to Mike Varela for review.

Enclosed for your information is a copy of our guide describing the minimum information needed in applications for licenses to use byproduct material in the form of sealed sources in nonportable gauging devices. Additional information is needed in support of your application. We have checked the item(s) on the reverse side of this form which reference section(s) in the guide for which you should submit additional information.

We are using this form letter to enable us to process your application in a timely manner. Your cooperation in promptly submitting the requested information will also help us to decrease the process time for your application.

In providing the requested information, please reply in duplicate and reference your assigned mail control number.

If you have any questions, please contact the Licensing Assistant at telephone number (215) 337-5336.

Sincerely,

Original Signed By  
John E. Glenn, Ph.D.

John E. Glenn, Ph.D., Chief  
Nuclear Materials Section B  
Division of Engineering and  
Technical Programs

"OFFICIAL RECORD COPY"

Enclosure:

A Guide for Preparation of Applications for  
Licenses to Use Sealed Sources Containing  
Byproduct Material in Nonportable Gauging  
Devices (1980)

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Glenn/skj  
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PROVIDE INFORMATION ONLY FOR THE CHECKED ITEMS

- \_\_\_\_ Your application is being returned for signature
- \_\_\_\_ Location of use - Item 4
- \_\_\_\_ Name(s) of individual user(s) - Item 6
- \_\_\_\_ Name of the Radiation Protection Officer - Item 7
- XX Duties and responsibilities of the Radiation Protection Officer - Item 7
- \_\_\_\_ Name of the manufacturer and model number of each sealed source - Item 8
- \_\_\_\_ Name of the manufacturer and model number of each source holder - Item 8
- \_\_\_\_ Radiation detection instruments - Items 10 and 11 - (complete only if requesting a specific authorization listed below)
- \_\_\_\_ Personnel monitoring equipment - Item 12 (complete only if requesting a specific authorization listed below)
- \_\_\_\_ Description of facilities and equipment - Item 13
- \_\_\_\_ Describe disposal of sealed source(s) when use is discontinued - Item 14
- \_\_\_\_ Name of company who will provide servicing operations - Item 15(a)
- \_\_\_\_ Means of controlling access to the devices - Item 15(b)
- \_\_\_\_ Describe "lock-out procedures" - Item 15(c)
- \_\_\_\_ Leak testing of sealed sources - Item 15(d)
- \_\_\_\_ Training and experience of each individual who will use or supervise the use of the devices - Items 16 and 17
- XX Other Describe how you will secure the device while in transit from site-to-site(s) and at the (s). Instructions should include the statement that users are never to leave the gauges unattended while in use.

SPECIFIC AUTHORIZATIONS

- \_\_\_\_ 1. Servicing operation - Section VII, Item 1 (a) through (g)
- \_\_\_\_ 2. Leak testing of sealed sources - Section VII, Item 2 (a) through (e)
- \_\_\_\_ 3. Radiation survey instruments - Section VII, Item 3 (a) through (e)



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If you have any questions, please contact the Licensing Assistant at telephone number (215) 233-5136.

Sincerely,

*John Ebn Glenn*  
 John Ebn Glenn, Ph.D., Chief  
 Nuclear Materials Section, B-8  
 Division of Engineering and  
 Technical Programs

Enclosure:  
 A Guide for Preparation of Applications for  
 Licenses to Use Sealed Sources Containing  
 Byproduct Material in Nonportable Gauging  
 Devices (1980)

*A/S*

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Your application is being returned for signature

Location of use - Item 4

Name(s) of individual user(s) - Item 6

Name of the Radiation Protection Officer - Item 7

XX XX Duties and responsibilities of the Radiation Protection Officer - Item 7

Name of the manufacturer and model number of each sealed source - Item 8

Name of the manufacturer and model number of each source holder - Item 8

Radiation detection instruments - Items 10 and 11-1 (complete only if requesting a specific authorization listed below)

Personnel monitoring equipment - Item 12 (complete only if requesting a specific authorization listed below)

Description of facilities and equipment - Item 13

Describe disposal of sealed source(s) when use is discontinued - Item 14

Name of company who will provide servicing operations - Item 16(a)

Means of controlling access to the devices - Item 16(b)

Describe "lock-out" procedures - Item 15(c)

Leak testing of sealed sources - Item 15(d)

Training and experience of each individual who will use or supervise the use of the devices - Items 16 and 17

XX XX Other Describe how you will secure the device while in transit from site to site and at the site(s). Instructions should include the statement that users are never to leave the gauges unattended while in use.

SPECIFIC AUTHORIZATIONS

1. Servicing operation - Section VII, Item 1 (a) through (g)
2. Leak testing of sealed sources - Section VII, Item 2 (a) through (e)
3. Radiation survey instruments - Section VII, Item 3 (a) through (e)

## FABCO PIPING INC.

Supplement to N.R.C. Form 313-1 (12 F1) 10 FRC 30

### Item #7 - Duties and Responsibilities of the Radiation Protection Officers

- A. The \*R.P.O. will have the responsibility of controlling the sealed source and devices in use/or in his possession and that the handling there of are limited to those persons mentioned in this license, also that they are being used for purpose stated in the license.
- B. He will perform periodic leak tests of the sealed source at intervals not to exceed six months, in accordance with Texas Nuclear Procedure QT/2S. The AM-241 stabelizer source will not be leak tested (exempt). Maintenance and repair to the source heads will be performed by Texas Nuclear and we will follow Texas Nuclear Protection Procedures as furnished in the instruction manual.
- C. In the event of accidental damage or loss of the instrument the R.P.O. will notify Texas Nuclear for advise and instructions as well as appropriate regulatory authorities.
- D. He will have the responsibility of packaging and preparing the instrument for shipment when it is in need of repairs. He will comply with all D.O.T. specifications with regard to the shipping of the instrument back to the service shop.
- E. He will maintain any records if so required for the instrument's use, service and repair.

## FABCO PIPING INC.

### Other

- A. No lock out procedure is required, adequate protection is provided by the design shielding of the instrument and source holder. The low level radiation from the source holder does not require a lock out procedure as per 10 CFR 20.20.
- B. The instrument head provides adequate shielding for the contained radioactive source and no additional storage container is necessary. The carrying case affords additional protection for the instrument both in storage and in transit.
- C. The complete device will be stored in a closet and kept locked at all times, with keys accessible only to the persons named in this license.
- D. At no time will the instrument be left unattended while in use. The complete carrying case will be brought to the site of examination directly from its permanent storage area. The analysis will be made and the instrument will be returned to its permanent storage area.