

December 3, 1976

Paul R Quinn  
U S Nuclear Regulatory Commission  
Radioisotopes Licensing Branch  
Division of Fuel Cycle and Materials Safety  
Washington, D C 20555

Subject: Amendment to NRC License No. 34-00508-14

The following additional information is submitted in order to  
amend NRC License No. 34-00508-14 to authorize the installation  
and use of four Berthold FAS/TR source holders with four  
sealed sources of Cobalt-60 at 15 millicuries each.

If there are any questions, please contact me.

Sincerely,

G L Hess

Radiation Protection Officer  
Corporate Industrial Hygiene

GLH/ceb

Enclosure

8806100283 871008  
REG4 LIC30  
34-00508-16 PDR

Supplementary Sheet

License Number 34-00508-14

Docket or  
Reference No. \_\_\_\_\_

Amendment No. 03

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Goodyear Tire & Rubber Company  
1144 East Market Street  
Akron, Ohio 44316

In accordance with application dated December 1, 1976, License Number 34-00508-14  
is amended as follows:

Items 6, 7, 8, and 9 are amended to add:

- |  |   |   |
|--|---|---|
| 6. Byproduct, source, and/or special<br>nuclear material | 7. Chemical and/or physical form                | 8. Maximum amount that licensee may<br>possess at any one time under this license |
| C. Cobalt 60   | C. Sealed sources<br>(Berthold Model<br>FAS/TR) | C. 4 sources of 15 milli-<br>curies each  |

9. Authorized use

C. For use in Berthold Model LB-3121 source holders for level measurement.

Conditions 12., 15. and 16. are amended to read:

12. Licensed material shall be used by, or under the supervision of, E. V. Clarke,  
except that the licensed material specified in Subitems 6.B., 7.B., 8.B., 6.C.,  
7.C., and 3.C., may also be used by, or under the supervision of, P. F. Edelman  
or G. L. Hess.

U. S. NUCLEAR REGULATORY COMMISSION  
MATERIALS LICENSE  
Supplementary Sheet

License Number 1169  
Docket or  
Reference No. \_\_\_\_\_  
Amendment No. 03

(continued)

15. Installation, relocation, maintenance, repair, and initial radiation survey of the devices in Subitem 9.A. containing licensed material and installation, replacement, and disposal of sealed sources containing licensed material used in these devices shall be performed by the manufacturer or by other persons specifically authorized by the Commission or an Agreement State to perform such services. Installation, relocation, maintenance, repair, and initial radiation survey of the devices specified in Subitems 9.B. and 9.C. containing licensed material and installation, replacement, and disposal of sealed sources containing licensed material used in these devices shall be performed only by Walter Wulz or by other persons specifically authorized by the Commission or an Agreement State to perform such services.
16. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in applications dated November 3, 1975, January 18, 1976, April 27, 1976, August 30, 1976, November 4, 1976, December 1, 1976, December 3, 1976, December 28, 1976, and February 10, 1977.

Date FEB 3 1977

For the U. S. Nuclear Regulatory Commission

*Mathew B...*  
by Radioisotopes Licensing Branch

Division of Materials and Fuel Cycle  
Facility Licensing  
Washington, D. C. 20555

1169

ENCLOSURE II

INDUSTRIAL DEVICE INSTALLATIONS

For this procedure, "installation" means the removal of the source housing (containing the source) from its original shipping box or container and placing, or supervising the placement of, the source housing in a position of use. Each separate placement or relocation is to be construed as a new installation.

Installation of industrial devices may be conducted only by those persons who have a specific license condition authorizing them to perform this work. The authorized individual must be equipped with an appropriate survey meter for the type of source and calibrated leak test standards, and must be physically present at the site during the entire installation.

Inspection and Installation procedure

The RPO shall:

1. Survey the shipping box or crate at the storage location to determine if damage has been done in shipping.
2. Remove the outer cover of the box or shipping crate but do not remove the unit from the base skid. Visibly inspect the unit for transportation damage to the locking mechanism and correctness of labeling.

3. Conduct a brief radiation survey to insure security of the source and shutter.
4. If visible damage is evident, the unit should be leak tested for contamination. Damage or any degree of contamination precludes installation and the Corporate RPO should be notified immediately. Following inspection and survey, the device may be transported to the mounting location.
5. Assure that the device shutter is in a closed, locked condition and supervise the mounting of the device to its proper location.
6. Perform a general radiation survey of the area and retain as a permanent record.
7. Conduct a leak test and ship to research lab for analysis every six months. The original shall be retained in the files.
8. Conduct a general survey to insure that levels are no more than those obtained by the manufacturer or no more than 1 mr/hr at 36 inches.