



# BICRON<sup>®</sup>

## BICRON CORPORATION

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(216) 564-2251

Telex 980474

January 15, 1986

USNRC Region III  
Material Liscensing Section  
799 Roosevelt Road  
Glen Ellyn, IL 60137

U.S. MAIL  
FIRST CLASS PERMIT NO. 1000  
NEWBURY, OHIO

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Gentlemen:

Bicron Corporation currently possesses and uses byproduct material under Liscense Number 34-13845-01. We request an amendment to our liscense that extends the authorized usage of Americium-241.

We propose to incorporate Americium-241 calibration sources into ionizing radiation measurement devices. The maximum Americium-241 source activity to be incorporated will be less than or equal to 0.05 microcuries in agreement with 10CFR 30.15. No more than one source will be incorporated into any one device. Each source will be permanently sealed within the housing of the device. Each source, in the form of a plated Americium salt, will be purchased from an NRC regulated manufacturer such as Amersham or Isotope Products Laboratories.

The authorized use we request is:

Distribute ionizing radiation measurement devices including an Am-241 calibration source with activity of less than or equal to 0.05 microcuries to persons who may be exempt from NRC requirements for a liscense.

All other parts of our existing liscense are to remain in effect as currently stated.

Our check in the amount of \$60.00 per 10 CFR 170.3I is enclosed.

Thank you for your consideration of our request.

Sincerely,

BICRON CORPORATION

*R.R. Dayton*  
R.R. Dayton

Director of Product Research

RR/jj  
Enc.

8703160134 870217  
REG3 LIC30  
34-13845-02 e/ PDR

Applicant	Jaw 21 III
Check #	006197
Amount	\$60
Date Check Rec'd	1/24/86
Received By	[Signature]

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JAN 21 1986  
REGION III

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CONTROL NO. 80527