

BICRON

BICRON CORPORATION

12345 Kinsman Road, Newbury, Ohio 44065

(216) 564-2251

Telex 980474

December 5, 1984

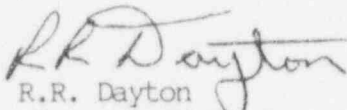
U.S.N.R.C.
Regional III Licensing Section
799 Roosevelt Road
Glen Ellyn, IL 60137

Gentlemen:

Enclosed is an application for amendment to our License Number 34-13845-01. Our check in the amount of \$40.00 to cover the amendment fee is enclosed.

Sincerely,

BICRON CORPORATION



R.R. Dayton
Director of Product Research

RRD/mrl
Enc.

U.S.N.R.C.
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ATTACHMENT NUMBER 1

Form NRC-3131, Part 8E

Usage of Licensed Material

Bicron Corporation possesses and uses a number of radioactive sources as described on form NRC 374A, pages 1 and 2, a copy of which is attached. We wish to add to our source inventory the neutron emitter described on line 8.1.

Bicron Corporation wishes to extend and add to the range of authorized usage of licensed material as follows:

1. A Cs-137 source, sealed within a stainless steel housing, with activity of less than 5 microcuries, is further sealed within the housing of a Bicron manufactured radiation detector for the purpose of providing a permanent calibration reference point.
2. An Americium-241 source, sealed within a stainless steel housing, with activity of less than 5 microcuries, is further sealed within the housing of a Bicron manufactured radiation detector for the purpose of providing a permanent calibration reference point.
3. An Americium-241 source, electro-deposited on a Platinum foil, with Alpha emission rate less than 1200 per second in a 2 Pi geometry, is further sealed within the housing of a Bicron manufactured radiation detector for the purpose of providing a permanent calibration reference point.

Bicron Corporation requests authorization to sell and distribute radiation detectors including source material as described in 1., 2., and 3.