



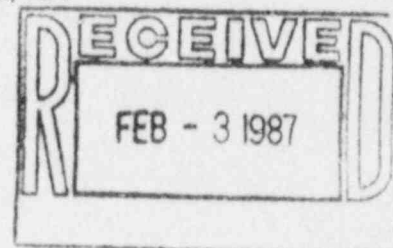
**RESEARCH
LABORATORY**

200 Ninth Ave. N.E.
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January 26, 1987

In Reply Refer To:
EPC-0187-128/RDI



U.S. Nuclear Regulatory Commission, Region IV
Material Radiation Protection Section
611 Ryan Plaza Drive Suite 1000
Arlington, TX 76011

Gentlemen:

Please amend our U.S. Nuclear Regulatory License No 35-02685-03 to read as follows:

- Item 7A: Change to read "Plated sources contained in Gas Chromatographic Detector Cells".
- Item 6B: Add "Po-210"
- Item 7B: Add "Commercially available antistatic sources".
- Item 8B: Add "Not to exceed 15 mCi per source".
- Item 9B: Add "For use as static eliminator".
- Item 6C: Add "Z= 1-83"
- Item 7C: Add "Various"
- Item 8C: Add "Not to exceed 10 mCi total, excluding A,B, and D, this section".
- Item 9C: Add "For use as 1) check sources for survey meters; 2) reference standards; and 3) research analytical samples".
- Item 6D: Add "Tritium"
- Item 7D: Add "Various"
- Item 8D: Add "25 mCi"
- Item 9D: Add "Research Analytical Samples"
- Item 12: Add the names of Rodney D. Ice, Ph.D., Larry Zinn Ph.D, Mike Shaw, Mike Hailey, and Mark Thompson. Delete the name of Phyllis Davidson and Scott Stelle.

■ Material
Sciences

■ Electronic
Devices

■ Analytical
Services

A Member of
the Specialty
Materials Division,
Eagle-Picher
Industries, Inc.

License Fee Information

Application

8807010682 870506
REG4 LIC30
35-02685-03 PDR

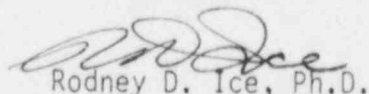
461412
461371

Please also amend our application letter of February 26, 1982 as follows:

- Item 3: Delete Tom Potts; add Rodney D. Ice.
- Item 6: Delete this item. This item is now superseded by Item 12 in the license.
- Item 7: Delete the name of Gene Cantwell. The Radiation Safety Officer is Rodney D. Ice, Ph.D., Director of Research. Dr. Ice is a board certified health physicist. His training and experience are documented on his curriculum vitae attached.
- Item 8: Delete this item. This item is now superseded by Items 6,7,8, and 9 of the license.
- Item 9: All sealed sources will be stored in a locked cabinet except when removed for analytical purposes except the GC electron capture sources will be mounted in gas chromatograph analytical detectors. If the Ni-63 EC are removed from the gas chromatograph analytical detectors they also will either be placed in a locked cabinet or returned to the manufacturer. The anti-static devices will be in continued use and the area of use is secured.
- Item 10: Two survey meters are available for use. They are:
GM Tube Victoreen Thyac III 1 Beta, gamma .01-200 mR/h
Ion Chamber, Keithley 1 Beta, gamma 2 mR/h - 20 R/h
- Item 11: The survey meters are calibrated semi-annually by:
Stan A. Huber, Associates or equivalent qualified calibrator
Chicago, Illinois
- Item 13: Find attached a new laboratory diagram defining each room wherein the sources are used or kept.
- Item 14A: Change to read "All items having no further use will be returned to their respective supplier".
- Item 15: This item is amended in its entirety to read:
Item 15a: The "Emergency Procedures" in the application have been revised and are attached.
Item 15b: The "Radiation Safety Procedures" have been revised and are attached.
Item 15c: The duties of the Radiation Safety Officer have been revised and are attached.
- Item 16: The updated resumes for identified responsible persons are attached.

Sincerely,

EAGLE-PICHER INDUSTRIES, INC.



Rodney D. Ice, Ph.D.
Vice President and
Director of Research
Board Certified Health Physicist