

JUN 15 1987

Indiana University
ATTN: Henry C. Briggs
Environmental Health & Safety
Associate Director
840 State Road 46 By-Pass
Bloomington, IN 47405

Gentlemen:

Enclosed is Amendment No. 44 to your NRC License No. 13-00108-05 which authorizes the possession of the sources listed in your April 16, 1987 letter. Please note that since you did not specify a total possession limit for those materials, we have authorized a maximum total possession of 40 microcuries for each.

In order to authorize your request to perform field studies with carbon-14 as described in your March 4, 1987 letter, it will be necessary for you to submit the following additional information:

1. Please submit an estimate of the number of studies performed per year, the length of each study, and an approximate number of application(s) of carbon-14 per study.
2. Describe your procedures for controlling access into the test field plots (e.g., type of fence, height, etc.).
3. Describe your procedures for transporting materials from the laboratory to the field sites, include contamination control procedures and storage procedures during transport operations.
4. From the procedures you submitted, it does not appear that any C-14 is applied to the soil, please confirm.
5. Please describe how the contaminated plants will be handled for disposal and also specify how dead leaves, rain water run-off, etc. will be handled.

If you have any questions or require clarification on any of the information stated above, you may contact us at (312) 790-5625. Information submitted in response to this letter should be referenced as additional information not a new amendment request.

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Please review your license carefully to assure that you understand and are in compliance with the terms and conditions contained therein. If you have questions, please contact our office at (312) 790-5625.

Sincerely,

Original Signed By
Patricia J. Whiston
Materials Licensing Section

Enclosure: Amendment No. 44

RI:J
JW
Whiston/pd
6/15/87