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November 25, 1969U. S. Atomic Energy Commission
Washington, D. C. 20545

Attention: Isotopes Branch, Division of Materials Licensing

Gentlemen:

Effective at the close of business March 4, 1969, Sinclair Oil Corporation merged into Atlantic Richfield Company. This letter is written to change some features of our licenses, 12-00140-04, 12-00140-05, and 12-00140-06 to be consistent with the change in company identity. I have delayed in asking for these changes until the organizational arrangements in our part of the company were completed.

On all three licenses the licensee is:

Atlantic Richfield Company
400 East Sibley Boulevard
Harvey, Illinois 60426

I Changes in license 12-00140-04

1. Change address of licensee as shown above.
2. Place of use - "Byproduct materials shall only be used at subsidiaries of Atlantic Richfield Company throughout the United States except in Agreement states as defined in section 30.4(M) of Title 10, Code of Federal Regulations Part 30"
3. Radioisotope Committee: A new Radioisotope Committee is suggested because of organizational changes. Members of this Committee are to be - Dr. A. I. Snow, L. A. Baillie and George A. Uhl. Qualifications of Dr. A. I. Snow were sent to you previously. Mr. Lloyd A. Baillie's qualifications were sent in letter from A. I. Snow on June 14, 1963.

Mr. George A. Uhl is a chemical engineer with a master's degree. He has had extensive experience in process research in the laboratory with a variety of equipment. He has worked in the field of radiation chemistry at Harvey. He has had extensive experience in plant scale radioactive tracer tests.

(8.) Training and Experience of George A. Uhl

Type of Training	Where Trained	Duration of Training	On Job	Formal Course
a. Principles and Practice of Radiation Protection	University of Michigan Sinclair Research, Inc.	3 weeks 13 years	no yes	yes no
b. Radiation measurement standardization and monitoring techniques and instruments	Sinclair Research, Inc.	13 years	yes	no
c. Mathematics and calculations basic to the use and measurement of radioactivity	Sinclair Research, Inc.	13 years	yes	yes
d. Biological effects of radiation	Sinclair Research, Inc.	13 years	yes	yes

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(9.) Experience with Radiation of George A. Uhl

<u>Isotope</u>	<u>Maximum Amount</u>	<u>Where Experience was Gained</u>	<u>Duration of Experience</u>	<u>Type of Use</u>
Sc-46	100 mc	Sinclair Research, Inc.	13 years	tracer tests
Au-198	1 curie	" " "	13 years	tracer tests
C-14	40 millicuries	" " "	13 years	tracer tests
Co-60	1700 curies	" " "	13 years	radiation source
Cs-137	1 curie	" " "	13 years	external source
H-3	100 curies	" " "	13 years	tracer tests

II. Changes in license 12-00140-05

1. Change address of licensee as shown above.
2. Change department to use radioactive material to Physical Research Section.

III. Changes in license 12-00140-06

1. Change address of licensee as shown above.
2. Change place of use to include only Atlantic Richfield refineries at:
East Chicago, Indiana
Pittsburgh, Pennsylvania
Sinclair, Wyoming

Aside from the changes indicated above, the same people, equipment, and programs described in the original applications will continue. Decision making processes and responsibility in the event of emergencies involving radioactive materials covered by our licenses do not change.

Yours very truly,

ATLANTIC RICHFIELD COMPANY

A. I. Snow

A. I. Snow

Chairman, Radioisotope Committee

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