

STANDARD OIL
RESEARCH & DEVELOPMENT

4440 Warrensville Center Road
Cleveland, Ohio 44128

November 25, 1986

Mr. Michael McCann
U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Log	<i>Dec 4/86</i>
Remitter	
Check No.	<i>540218</i>
Amount	<i>\$12.28</i>
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Type of Fee	<i>anal</i>
Date Check Rec'd.	
Date Completed	<i>12/10/86</i>
By:	<i>8</i>

Dear Mr. McCann:

Reference: Material License No.: 34-01308-02.

Subject: Amendment to Material License No.: 34-01308-02 issued to
Standard Oil (SOHIO).

Standard Oil Research & Development requests that its materials license be amended to include several new sealed sources. All of these sealed sources will be used in a Mossbauer Effect Spectrometer (Model MS 900) manufactured by Ranger Scientific, Inc. These sealed sources will be the following:

Isotope	Chemical and/or Physical Form	Quantity
Cobalt(Co)-57	As metal matrix	Several sources of each different isotope. No one source to exceed 100 mCi. All sources of a given isotope will not exceed 100 mCi.
Tin(Sn)-119m	As metal matrix	
Tin(Sn)-121m	As metal matrix	
Tantalum(Ta)-182	As metal matrix	
Tantalum(Ta)-183	As metal matrix	
Platinum(Pt)-197	as metal matrix	

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34-01308-02 PDR

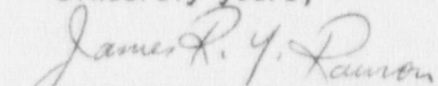
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Enclosed is a check for \$120 for the fee for the License Amendment.

Thank you in advance for consideration of this proposed amendment to
Standard Oil's Material License.

Sincerely yours,

A handwritten signature in cursive script that reads "James R. Y. Rawson".

James R.Y. Rawson, Ph.D.

Radiation Safety Officer