

# EXXON RESEARCH AND ENGINEERING COMPANY

1900 EAST LINDEN AVENUE, LINDEN, N.J. 07036

## CORPORATE RESEARCH

Analytical Sciences Laboratory

S. C. BLUM  
Senior Research Associate

September 23, 1985

Amendment to By-Product  
License No. 29-05260-13

Ref. No.: 85AN 952

RECEIVED  
85 OCT -7 AM 1:44  
U.S. N.R.C.  
FEE MGMT. BRANCH

John E. Glenn, Ph.D., Chief  
Nuclear Materials Safety Section B  
Division of Radiation Safety & Safeguards  
U. S. Nuclear Regulatory Commission  
Materials Licensing Region 1,  
631 Park Avenue,  
King of Prussia, Pennsylvania 19406

Dear Dr. Glenn:

We request your approval for an amendment to our By-Product License No. 29-05260-13 to:

- Substitute Dr. D. C. Johnston for Dr. B. L. Marrs as a radiological safety officer for our Corporate Research-Science Labs.
- Designate Mr. Rodney R. Larson as vice-chairman replacing Mr. W. M. Bustin who remains a member of the Radioisotopes Committee. Mr. Larson will also continue as the Committee's secretary.
- Permit the temporary storage of Phosphorus-32 in aliquots not exceeding 2 mCi per container. After one year of storage, sufficient decay will have occurred to enable lawful disposal as non-radioactive waste since no more than  $5 \times 10^{-5}$   $\mu$ Ci per container should remain. Up to 25-30 of such batches may be generated per annum.

Dr. Johnston's credentials are presented in Attachment I. Dr. Marrs has been deleted in view of his resignation from Exxon Research and Engineering Company. Mr. Bustin is relinquishing the position of vice-chairman because of other duties. Mr. Larson's credentials are in your files.

Enclosed is a check for \$120 to cover the fee for this application.

Very truly yours,

*S. C. Blum*  
SAUL C. BLUM, Chairman,  
Radioisotopes Committee

SCB/mb  
Enclosures

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REG1 LIC30  
29-05260-13 PDR

Oct-3-1985

Applicant	531600-34/26
Check No.	120
Amount/For	Amendment
Date Check	10/7/85
Received By	jacques

"OFFICIAL RECORD COPY"

SEP 26 1985

104442

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## Attachment I

### Radiation/Radioisotopes Training and Experience - Dr. D. C. Johnston

Title: Research Associate

Education: B.A. (Physics); U.C.-Santa Barbara  
Ph.D. (Physics); U.C.-San Diego

#### Related Experience:

9 years as a graduate student and postdoc using a GE XRD-6 x-ray diffractometer.

4 years at Exxon Research and Engineering Company using a Phillips x-ray diffractometer.

#### Radiation Experience:

<u>Radioactive Material</u>	<u>Maximum Amount</u>	<u>Experience Gained at</u>	<u>Duration of Experience</u>	<u>Type of Use</u>
Po-210	1 mCi	ER&E	6 years	Removal of Static Charge
X-Ray	50 kV	ER&E	4 years	Analytical
X-Ray	50 kV	U.C.-San Diego	9 years	Analytical

BETWEEN: William D. Miller, Chief  
License Fee Management Branch  
Office of Administration

John E. Glenn, Chief  
Nuclear Materials Section B  
Division of Engineering and  
Technical Programs

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: Exxon Research + Engineering Company

Application Dated: 9/23/85

Control No.: 104442

License No.: 29-05260-13

2. FEE ATTACHED

Amount: \$120.00

Check No.: 531600

3. COMMENTS

Signed Brenda Platchek

Date 10/1/85

B. LICENSE FEE MANAGEMENT BRANCH

1. Fee Category and Amount: 34/2 G \$120

2. Correct Fee Paid. Application may be processed for:

Amendment ☒

Renewal ☐

License ☐

4/85  
Ren.  
Pending

Signed OP

Date 10/8/85