



79403

August 13, 1985

William J. Adam, Ph.D.
Materials Licensing Section
UNITED STATES NUCLEAR REGULATORY COMMISSION
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Reference: License Number 48-06453-01
Amendment Number 23 (Attachment No. 1)

add'l info

Dear Dr. Adam:

In reference to your letter of July 31, 1985, to Mr. Clifford R. Berres, I am sending you information on the experience of Lawrence E. Allred, Ph.D., with Phosphorus - 32. Will you please amend Item 6 of our License 48-06453-01 to add Phosphorus - 32 to the list of materials that Dr. Allred is approved to use or directly supervise the use of licensed materials.

If you have any questions you may reach me by telephone at 414/631-4009.

Thank you.

Sincerely,

James E. Anderson
Laboratory Safety Co-ordinator &
Radiation Protection Officer

JEA/kjs

U.S. N.R.C.
FEE MGMT. BRANCH

85 AUG 26 AM 1:17

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RECEIVED BY LFMB	
Date	8/26/85
Log	Aug 24/85
By	CP
Orig. To	R. Berres
Action Compl.	

add'l info

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AUG 14 1985

REGION III

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48-06453-01 PDR

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CONTROL NO. 7 956 4

LAWRENCE E. ALLRED, Ph.D., CELL BIOLOGIST

Item 17 - a.b.c.d. Formal Training

Graduate training in the Department of Medical Physics,
The University of Texas System Cancer Center, M.D.
Anderson

Hospital course - "Biophysical Methods in Experimentations",
15 weeks, Fall semester 1969-1970

Item 17 - Experience

1968-1973 Graduate research, Department Medical
Physics, The University of Texas System
Cancer Center, M. D. Anderson Hospital &
Tumor Institute. Experience with ^3H (10mCi)
 ^{14}C (10mCi) and ^{32}P (60mCi) labeled proteins
and nucleic acids, monitoring, proper handling
and disposal and spill clean up, biological
incorporation experiments

1973-1978 Department of Molecular, Cellular and
Developmental Biology, University of
Colorado, Boulder, CO, ^3H nucleic acids (10mCi)
Biological incorporation experiments.

1978-1980 Department of Pharmacology, The Ohio State
University, Columbus, OH. ^{125}I proteins,
 ^3H -nucleic acids (10mCi) biological
incorporation experiments.

Item 8E

It is intended to use ^3H , ^{14}C , ^{32}P labeled biological precursor
molecules to examine the biological synthetic activities of
mammalian cells cultured in vitro. In addition, ^{125}I labeled
antibodies will be used for immunological assay for the presence
of minute quantities of proteins in the cultured cells.