



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

CINCINNATI, OHIO 45268

May 30, 1989

U.S. Nuclear Regulatory Commission
Region III
Materials Licensing Section
755 Roosevelt Road
Glen Ellyn, IL 60137
Attn: Ms. Evelyn R. Matson

Dear Ms. Matson:

In compliance with NRC Regulations, I am informing you about the following changes in the Radiation Safety Committee of the A.W. Breidenbach Environmental Research Center effective April 1, 1989:

1. Mr. Louis W. Lefke resigned as Chairperson of the Radiation Safety Committee.
2. Dr. Anthony B. DeAngelo, a current member of the Radiation Safety Committee accepted appointment as Chairperson..
3. Dr. M.K. Smith and Mr. W. Averett were named as new members on the Radiation Safety Committee. Their qualifications are enclosed with this letter for your approval.

Sincerely,

George T. Moore

George T. Moore, Ph.D.
Industrial Hygiene and
Safety Manager

Enclosures

cc: Deborah Ward Beard

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Federal

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REGION III

CONTROL NO. 87476

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34-12736-02 PDR

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RADIATION RESUME

M. KATE SMITH, Ph.D.

- 1970-76 Ph.D. training involved constant (daily) use of ^3H and ^{14}C labelled macromolecules in vivo and in vitro. University of Cincinnati radioisotope training course (Dr. Ken Fritz)
- 1976-79 University of Cincinnati College of Medicine, Molecular Genetics (postdoctoral fellow)
Extensive use of ^{32}P -label in vitro
- 1979-89 USEPA-HERL
Experiments involving in vivo use of ^3H , ^{14}C labelled molecules. Radiation training offered by the Agency

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RESUME

Name: William J. Averett

Title: Electronic Engineer

Degree: Bachelor of Science - Electrical
University of Cincinnati
Some graduate level work in electrical engineering

Professional & Society Affiliations:

National Society of Professional Engineers
Instrument Society of America
Institute of Electrical and Electronics Engineers
Nuclear Science Division, IEEE
P. E. Registration 1970 State of Ohio E-034855
Certification in fallout shelter analysis, Dept. of Army 2TT-213-72 (1972)

Work Experience:

1960-1971 - Worked as a developer of nuclear instrument measuring technique and instrument design.

1971-1975 - Responsible for all nuclear measurements and methods both in the field and laboratory for Nuclear Engineering Laboratory.

Training: (in-house)

Time
(hrs)

1960 - Rad Health Course (U.S. Public Health Service)	40
1961 - Advanced Rad Health Course (U.S. Public Health Service)	40
1981 - Laboratory Safety Course	24
1988 - Incident Response Course	40

Experience:

1971-1978 - Radiochemistry & Nuclear Engineering Research Laboratory, EPA, Cincinnati, Ohio

1960-1971 - USPHS (Radiological Health Research Activities)

1984 - Outside Consultant in Nuclear Instrumentation

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Publications and Papers:

1. "Cesium-137 Body Burden of Alaskan Men - Spring 1965," Public Health Reports 80, No. 11, November 1965, Daniel W. Bruce, W. J. Averett, and D. G. Remark.
2. "Radiological Surveillance Studies at a Boiling Water Nuclear Power Reactor," B. Kahn et al., Environmental Aspects of Nuclear Power Stations (IAEA, Vienna, 1971) pp. 535-545.
3. "Radiological Surveillance Studies at a Boiling Water Nuclear Power Reactor," B. Kahn et al., USPHS Rept. BRH/DER 70-1 (March 1970).
4. "Radiological Surveillance Studies at a Pressurized Water Nuclear Power Reactor," B. Kahn et al., RD 71-1, Environmental Protection Agency, Cincinnati, Ohio, August 1971.

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U. S. Environmental Protection Agency
ATTN: George Moore, Ph.D.
Radiation Safety Officer
26 W. St. Clair Street
Cincinnati, OH 45628

Gentlemen:

Enclosed is Amendment No. 05 to your NRC License No. 34-12736-02 in accordance with your request.

Please review the enclosed document carefully and be sure that you understand all conditions. You must conduct your program involving radioactive materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Possess radioactive material only in the quantity and form indicated in your license.
3. Use radioactive material only for the purpose(s) indicated in your license.
4. Notify NRC in writing of any change in mailing address.
5. Request and obtain appropriate amendment if you plan to change ownership of your organization, change locations of radioactive material, or make any other changes in your facility or program which are contrary to your license conditions or representations made in your license application and any supplemental correspondence with NRC. Any amendment request should be accompanied by the appropriate fee specified in 10 CFR Part 170.
6. Submit a complete renewal application with proper fee or termination request at least 30 days before the expiration date on your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of radioactive material after your license expires is a violation of NRC regulations.
7. Request termination of your license if you plan to permanently discontinue activities involving radioactive material prior to your expiration date.

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You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions and representations in your license application will result in enforcement action against you in accordance with the General Policy and Procedures for NRC Enforcement Actions, 10 CFR Part 2, Appendix C.

If you have any questions or require clarification of any of the above stated information, contact us at (312) 790-5625.

Sincerely,

Original Signed By
William J. Adam, Ph.D.
Materials Licensing Section

Enclosures:

1. Amendment No. 05
2. 10 CFR Parts 19, 20, 30 & 71
3. 10 CFR Part 2, Appendix C
4. NRC-3

cc w/enclosure:

Mr. J. S. Coogan
U.S.E.P.A.
P. O. Box 15027
Las Vegas, NV 89114

RIII

WJA

Adam/pd
6/29/89