

# ENVIRONMENTAL RESEARCH GROUP, INC.



117 N. First Ann Arbor, Michigan 48104 (313) 662-3104

October 20, 1984

U.S. Nuclear Regulatory Commission, Region III  
Materials Licensing Branch  
Division of Fuel Cycle and Material Safety  
Office of Nuclear Material Safety and Safeguards  
799 Roosevelt Road  
Glen Ellyn, IL 60137

RECEIVED BY LFMB	
Date	11/5/84
Log	Na-1 III
By	J
Orig. To	
Action Compl.	11/6/84

RE: License Amendment Request - License No. 21-14920-01

Dear Sir or Madam:

Environmental Research Group, Inc. (ERG) would like to add the name of Thomas V. Dagenhart, Jr. to its NRC license as a supervisor and radiation safety officer. Dr. Richard Copeland and Dr. Henry Griffin continue to be associated with the firm as consultants, however, they will not always be available to supervise day-to-day operations and field work such as use of Hg-203 for isotope dilution studies.

On the attached page is a description of Tom Dagenhart's professional experience involving radiation. Also enclosed, please find a check for \$120.00 to cover processing costs for this amendment.

Thank you for your assistance in this matter. Please call me at (313) 662-3104 if you have any questions.

Sincerely,

*Tom Dagenhart*

Thomas V. Dagenhart, Jr.  
Manager, Nuclear Studies,  
Senior Geochemist

TVD/m

Encls.

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21-14920-01 PDR

RECEIVED  
NOV -5 12:03  
U.S. NRC  
FUEL CYCLE  
MATERIALS  
BRANCH

Applicant	
Check No.	18406
Amount/Fee Category	120-3M
Type of Fee	Amendment
Date Check Rec'd	11/5/84
Received By	Jackson

CONTROL NO. 77708

OCT 29 1984

BACKGROUND INFORMATION ON THOMAS V. DAGENHART, JR.

Pertinent Experience with Radioactive Substances and Radiation

June 1983 to Present - Environmental Research Group, Inc.

Neutron activation analysis of soil, water, industrial waste, rocks and ores for most of the stable elements in the periodic table. (Done at The University of Michigan's reactor.) Gross alpha, beta, radium-226, radium-228, and tritium analyses of water samples and wipe test samples. Isotope dilution studies of mercury cells at the chlor-alkali plants using Hg-203. Equipment used includes Ge-Li detectors, gas flow proportional counters, G-M survey meters, liquid scintillation counters, scintillation survey meters and film dosimeters.

Also worked extensively with X-radiation both doing X-ray diffraction analyses and energy dispersive X-ray spectroscopy during electron microscope analyses for Environmental Research Group.

Sept. 1981 to Dec. 1982 - The University of Michigan, Geology Dept.

Extensive work with X-ray diffraction and energy dispersive X-ray analyses.

Sept. 1979 to Aug. 1981 - Mary Washington College, Geology Dept.

Extensive work with X-ray diffraction. Also handled radioactive samples of rock and mineral ores, used G-M meter.

Sept. 1975 to Aug. 1979 - University of Virginia, Dept. of Environmental Sciences

Extensive work with X-ray diffraction.

Education

B.S., Environmental Science - University of Virginia, 1975

M.S., Environmental Science, emphasis in geochemistry - University of Virginia, 1980

Course work towards Ph.D. in Geology at The University of Michigan, 1981-82

Most Recent Training in Radiation Safety

Dr. Henry Griffin, Professor of Nuclear Chemistry,  
The University of Michigan (Telephone: (313) 764-1438)

Dr. Richard Copeland, Independent Consultant,  
(Telephone: (313) 663-0878)

Mr. David Dorney, Health Physicist, Ford Nuclear Reactor/Phoenix Lab  
and Radiation Control Service, The University of Michigan  
(Telephone: (313) 764-6220)