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RELATED CORRESPONDENCE

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

May 19, 1989

DOCKETED  
USNRC

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OFFICE OF SECRETARY  
DOCKETING & SERVICE  
BRANCH

Janet A. Aldrich, Esq.  
9309 Colesville Road  
Silver Spring, MD 20901

In the Matter of  
ADVANCED MEDICAL SYSTEMS, INC.  
(Suspension Order)  
(Byproduct Material License No. 34-19089-01)  
Docket No. 30-16055-SP; EA-86-155; ASLBP No. 87-545-01-SP

Dear Ms. Aldrich:

In accordance with the agreement reached at our meeting on May 5th, the NRC staff is providing the following list of witnesses it currently plans to offer at the hearing:

From NRC Region III, 799 Roosevelt Road, Glen Ellyn, IL 60137:

Bruce S. Mallett, Chief, Nuclear Materials Safety & Safeguards Branch;

William L. Axelson, formerly Chief, Nuclear Materials Safety & Safeguards Branch, currently Chief, Reactor Projects Branch 2, Division of Reactor Projects;

Darrell G. Wiedeman, Chief, Nuclear Materials Safety Section 1; and,

George M. McCann, Chief, Materials Licensing Section.

From the Office of Nuclear Material Safety & Safeguards, Division of Industrial & Medical Nuclear Safety, NRC, Washington, DC 20555:

John W. N. Hickey, Chief, Operations Branch, currently on assignment in Region III;

Patricia C. Vacca, Senior Project Manager (Health Physicist); and,

Steven L. Baggett, Health Physicist.

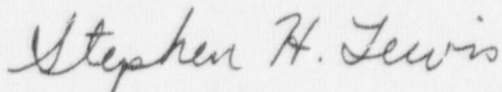
The statements of professional qualifications for all of the witnesses except Ms. Vacca and Mr. Baggett are enclosed. We will send you their qualifications statements next week. Once the Staff has received AMS' list of witnesses, we will call you to discuss intentions regarding depositions.

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The Staff has received the Third Set of Interrogatories of Licensee, Advanced Medical Systems, Inc. Propounded to the Nuclear Regulatory Commission. Consistent with our May 5 agreement, the Staff will respond to the interrogatories no later than June 20, 1989. The Staff intends to serve upon AMS under 10 CFR § 2.742 a request for the admission of the truth of specified relevant matters of fact. That request will be filed as soon as possible.

Sincerely,

A handwritten signature in cursive script that reads "Stephen H. Lewis".

Stephen H. Lewis  
Senior Supervisory Trial Attorney

Encl: Professional qualification statements

cc w/encl: service list

Statement of Professional Qualification for William L. Axelson

Current Title and Business Address: Chief, Reactor Projects Branch 2,  
Division of Reactor Projects  
U.S. Nuclear Regulatory Commission  
Region III Office  
799 Roosevelt Road  
Glen Ellyn, IL 60137

Education: B.S. - Mathematics/Physics  
Lewis University - 1975  
  
M.S. - Radiation Health  
Northwestern University - 1977

Experience: U.S. Navy - Nuclear Propulsion  
Machinist 1965-1970  
  
Argonne National Laboratory  
Health Physics Technician 1970-1977  
  
Radiation Specialist  
Radiological Safety & Safeguards Branch  
U.S. Nuclear Regulatory Commission  
Region III Office  
1977 - 1980  
  
Section Chief, Emergency Preparedness  
Division of Radiation Safety & Safeguards  
U.S. Nuclear Regulatory Commission  
Region III Office  
1980 - 1983  
  
Branch Chief, Nuclear Materials Safety & Safeguards  
U.S. Nuclear Regulatory Commission  
Region III Office  
1983 - 1987  
  
Chief, Reactor Projects Branch 2  
Division of Reactor Projects  
U. S. Nuclear Regulatory Commission  
Region III Office  
1987 to present



Professional Qualifications for John W. N. Hickey

Current Title and Business Address: Chief, Operations Branch, Division of  
Industrial and Medical Nuclear Safety  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Education: B.S. - Mechanical/Nuclear Engineering  
University of Notre Dame - 1972  
M.S. - Radiological Health - Harvard University - 1974

Experience: Environmental Engineer/Health Physicist, Office of  
Standards Development, USNRC, - 1974-1980  
  
Section Leader, Industrial Section, Materials Licensing  
Branch, USNRC, - 1980-1985  
  
Section Leader, Industrial, Medical, and Academic Section,  
Materials Licensing Branch, USNRC, - 1985-1987  
  
Chief, Operations Branch, Division of Industrial and  
Medical Nuclear Safety, USNRC, - 1987 to present

## Professional Qualifications for Bruce Mallett

### Current Title and Business Address:

Chief, Nuclear Materials Safety Branch  
U.S. Nuclear Regulatory Commission  
Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137

### Education:

Ph.D. in health physics, Purdue University, West Lafayette, Indiana in August 1978. Coursework included instrumentation used in radiation protection, mathematics related to radiation protection such as calculations of radiation dose to humans and proper shielding, radiation biology and effects of radiation on humans, and basic atomic physics.

M.S. in biochemistry, Wright State University, Dayton, Ohio in August 1974. Coursework included basic handling techniques for radionuclides and basic atomic physics.

B.S. in biology, Wright State University, Dayton, Ohio in June 1972.

Coursework from 1980 - present while employed with the NRC has included calibration of cobalt-60 teletherapy units, gas and oil well logging, industrial radiography, internal dosimetry, air sampling, BWR/PWR reactor radioactive waste physics, design and inspection of various type reactors, various radiation protection/emergency response courses and numerous management courses including NRC Executive Development.

### Experience:

9/87 - Present	Chief, Nuclear Materials Safety Branch, NRC, Region III. Supervise and manage branch responsible for inspection and licensing all materials and fuel facility NRC licensees in Region III.
7/81 - 9/87	Chief, Materials Licensing Section, NRC, Region III. Supervised and managed section responsible for licensing all 3000-4000 materials NRC licensees in Region III.
1/81 - 7/81	Health Physicist/Reviewer, Materials Licensing Section, NRC, Region III.
12/80 - 1/81	Health Physicist/Reviewer, Materials Licensing Branch, NRC, Washington, DC.

8/78 - 12/80	Medical Physicist and Radiation Safety Officer at large medical facility performing radiopharmaceutical nuclear medicine and therapy. Also functioned as Chief, <u>In vitro</u> laboratory using radioactive materials for assays, Director of Education and taught students in radiation protection, health physics, and instrumentation in the Institute of Nuclear Medicine Technology, Grandview Hospital, Dayton, Ohio.
8/76 - 6/78	Instructor, Zoology, Biology Department, Purdue University, West Lafayette, Indiana.
8/74 - 6/76	Graduate Teaching Assistant, Biology Department, Purdue University, West Lafayette, Indiana.
6/76 - 8/76	Graduate Assistant in Radiological Control, Wright State University, Dayton, Ohio
6/73 - 6/74	Graduate Research Assistant, Biology Department, Wright State University, Dayton, Ohio.
9/72 - 6/73	Graduate Teaching Assistant, Biology Department, Wright State University, Dayton, Ohio



Professional Qualifications for George M. McCann

Current Title and Business Address:

Chief, Material Licensing Section  
U.S. Nuclear Regulatory Commission  
Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137

Education:

University of Iowa  
R.T. (A.R.R.T.)  
Aurora University  
B. S. Biology  
Oak Ridge Associated Universities  
Certificate Awarded in "Health Physics and Radiation Protection"

Experience:

December 1987 - present	Chief, Materials Licensing Section, U. S. Nuclear Regulatory Commission, Region III
September 1985 - December 1987:	Senior Health Physicist (Senior Materials Licensing Reviewer) U. S. Nuclear Regulatory Commission, Region III
November 1981 - September 1985:	Health Physicist (Materials Licensing Reviewer) U.S. Nuclear Regulatory Commission, Region III
October 1980 - November 1981:	Office Manager, Illinois Department of Nuclear Safety, Office of Waste and Transportation Management, Springfield, IL
October 1978 - November 1981:	Radiation Safety Officer, State of Illinois
October 1978 - October 1980:	Section Chief, Illinois Department of Nuclear Safety's Naturally Occurring and Accelerator Produced Radioactive Materials (NARM) Inspection Program. Springfield, IL
June 1977 - October 1978:	Assistant to Section Chief, Health Physicist, Illinois Department of Public Health, NARM Inspection Program. Springfield, IL

May 1976 - June 1977:

Senior Radiation Detection Technician,  
Illinois Department of Public Health,  
Regional Inspector of X-ray and NARM  
materials users. Wheaton, IL

October 1969 - May 1974:

Radiation Detection Technician,  
Illinois Department of Public Health,  
Regional Inspector of ionizing and  
non-ionizing devices and users.  
Aurora, IL



ALL COMPLETED TRAINING

EDUCATION

1980	US NRC, <u>Industrial Radiography Course</u> , Baton Rouge, Louisiana
1980	Federal Emergency Management Agency, <u>Federal Interagency Course for Radiological Emergency Response Coordinators</u> , Iowa City, IA
1980	Nuclear Regulatory Commission, <u>"Well Logging Course"</u> , Houston, TX
1979	US DOE, <u>"Radiation Accident Management,"</u> Oak Ridge, TN
1979	Reynold Electrical & Engineering Co., Inc. Sponsored by USNRC, <u>Radiological Emergency Response Operation</u> , Las Vegas, NV
1979	BRH, <u>"Nuclear Medicine Quality Assurance,"</u> Rockville, MD
1978	Nuclear Regulatory Commission, <u>Radioactive Material Compliance Inspection Course</u> , Glen Ellyn, IL
1978	US NRC, <u>Health Physics and Radiation Protection</u> , Oak Ridge, TN
1977	Nuclear Regulatory Commission, <u>Radioactive Material Licensing Course</u> , Washington, D.C.
1976	Mercy Center for Health Care Services, <u>Emergency Medical Technician Course</u> , Aurora, IL. Certified by the Illinois Department of Public Health on June 19, 1976.
1976	Food and Drug Administration Region 5, <u>Advanced Radiological Science Workshop</u> , Rush Presbyterian-St. Luke's Medical Center, Chicago, IL.
1975	Nuclear Regulatory Commission, <u>Medical Uses of Radionuclides for State Regulatory Personnel</u> , Houston, TX
1970	U.S. Department of Health, Education & Welfare, <u>Basic Radiological Health Course</u> , Washington, D.C.
1967-1969	University of Iowa Hospitals & Clinics, <u>Roentgenologic Technique</u> , Iowa City, 24 month program awarded Certificate of Roentgenologic Technique, also received American Certificate of Technology, (American Registry of Radiologic Technology).

## Professional Qualifications for Darrel G Wiedeman

### Current Title and Business Address:

Chief, Nuclear Materials Safety Section 1  
U. S. Nuclear Regulatory Commission  
Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137

### Education:

University of Toronto, Yorkdale College of Health Sciences, Toronto, Canada.  
June to September 1971, 72 (Graduated B.A. Degree, Major - Health Science,  
Minor - Physics.

L. A. City College, Los Angeles, California  
September 1965 - June 1967 (Graduated Nuclear Medicine Technology) (R.T.  
Degree in Nuclear Medicine)

Presbyterian Intercommunity Hospital, School of Radiologic Technology,  
Whittier, California  
June 1963 - July 1965 (Registered Technologist) (R.T. Degree in Diagnostic  
Radiologic Technology)

Fullerton Junior College, Fullerton, California  
September 1961 - June 1963 (Graduated X-Ray Technology) (A.A. Degree)

### Experience:

3/79 - Present	Chief, Nuclear Materials Safety Section, USNRC, Region III
6/74 - 2/79	Radiation Health Specialist, Orange County Public Health and Medical Services, Radiologic Health Section
11/69 - 5/74	Business Manager - Supervisor and Radiologic Technologist, Lambert Medical Arts - X-Ray
7/67 - 11/69	Training Supervisor, School of Radiologic Technology, Whittier Presbyterian Intercommunity Hospital
3/66 - 6/67	Office Manager and Supervisor, Richard F. Moschell, M.D.
6/65 - 3/66	Industrial Radiographer, Magnaflux Corporation
1963 - 1965	Training as x-ray technologist (2 years), Presbyterian Intercommunity Hospital