

RHONDA L. ROSS**ENVIRONMENTAL & ENERGY SPECIALIST***Engineer, Manager, Entrepreneur, Attorney, and College Professor*

1402 Hickory Avenue ● Royal Oak, MI 48073 ● (248) 721-9760 ● rhondaross@gmail.com

Education**AM, Harvard University,**
*Sustainability &
Environmental Management***J.D. Wayne State
University****MS Chemical Engineering,
Wayne State University****BS Chemical Engineering,
Wayne State University****Key Skills**Excellent Interpersonal &
Management Skills

Strong Business Acumen

Excellent Strategic &
Analytical SkillsSelf-motivated and
Results OrientedSpecial Expertise in
Clean Air Act
Requirements for Mobile
and Stationary SourcesEfficient Project & Case
Management

Skilled Negotiator

Highly Trained &
Experienced MediatorStrategic Planning
Expertise for Regulatory
Compliance**Environmental & Energy Expertise**

- Assisted in engineering design of HVAC units for new refrigerants to reduce impact on the Stratospheric Ozone Layer
- Developed Indexing system for evaluating the relative sustainability of materials and products
- Proficient with Air Dispersion Modeling and analysis of results
- Proficient with ARCGIS modeling
- Knowledgeable about Life Cycle Analysis including the use of OpenLCA
- Extensive experience with Sustainability Reporting including GRI and CDP

Regulatory, Legal, and Negotiation Expertise

- Successfully negotiated settlements for dozens of complex environmental enforcement cases
- Negotiated with Department of Justice to reduce proposed \$ 9 million penalty down to \$4,000.
- Negotiated with Michigan Department of Environmental Quality to withdrawal escalated enforcement action without consent order or penalty
- Negotiated with EPA on the development of various NESHAP rules including Automobile Surface Coating, Metal Furniture Coating, Iron & Steel Foundry, Secondary Aluminum Smelting, and Asbestos
- Expert in Clean Air Act and Climate Change related laws and regulations

Communication Expertise

- Frequent invited speaker at environmental and energy conferences.
- Highly rated by students as clear, well organized, and enthusiastic Professor.
- Able to communicate complex technical information to lay persons as well as experts.
- Excellent report writing skills

Computer and Software Knowledge and Skills

- Skilled user of both Mac and PC computers
- Proficient with Microsoft Office Suite (including Word, Excel, Access, Outlook, Project, Visio, and InfoPath)
- Knowledgeable about SQL, Access, Filemaker and various database programs

Management Skills

- Successfully managed project teams of engineers, accountants, and managers to develop strategic compliance plans
- Natural leadership skills that inspires loyalty and dedication

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Skills	<ul style="list-style-type: none">• Excellent interpersonal and management skills• Strong business acumen• Excellent strategic and analytical skills• Self-motivated and results oriented• Recognized ability to explain complex technical and legal issues to management• Proficient with wide range of MAC and PC software and programming <hr/>
Professional Experience	<p>Michigan State University (East Lansing, MI) <i>Academic Specialist - Business Law</i> Broad College of Business Finance Department August 2011 - Present</p> <ul style="list-style-type: none">• Special expertise in contract law, finance law, banking law, secured transactions, property law, business associations, labor and employment, energy and environmental law, administrative law• Research interests: Business Ethics, Privacy Issues & Customer Data, Corporate Governance, Corporate Social Responsibility, Risk Management, Energy, Sustainability, and Environmental Law• Coordinated with former student to create non-profit social enterprise to provide financial assistance to students in Detroit public schools who couldn't afford to "pay to play" and to connect young professionals in Detroit with students to help the students understand the range of careers available and to learn how to set educational and career goals• Working with student to create non-profit social enterprise to bring free high speed internet access and low cost computer technology to students in Detroit• Teach Business Law to business students• Teach Commercial Transactions to Accounting students <p>Rhonda Ross & Associates, PLC (Royal Oak, MI) <i>Attorney/Owner</i> 2007 - Present</p> <ul style="list-style-type: none">• Provided counsel and legal advice to a wide range of businesses including automobile manufacturers, automotive suppliers, pulp & paper industry, printing & packaging industry, furniture manufacturers, mining industry, and miscellaneous small businesses• Settled a \$12 million demand from the U.S. Department of Justice for \$4,000 in cost recovery fees• Managed numerous project teams to resolve complex technical and legal matters, bring clients into compliance and create programs and procedures to assure future compliance• Represented Michigan Manufacturers Association in cases at the U.S. Supreme Court and the Sixth Circuit Court of Appeals• Negotiated favorable settlements for dozens of clients engaged in administrative enforcement actions

- Held leadership role on various state and federal administrative rulemaking committees and helped craft ‘smarter’ regulations

Wayne State University (Detroit, MI)

Part-time Graduate Faculty

College of Engineering

January 2011 - Present

- Developed and taught new course in “Energy Economics and Policy” for the Master’s Degree program in Alternative Energy Technology Engineering and Electric-Drive Vehicle Engineering.
- Taught engineering course on Energy and the Environment
- Special engineering expertise in alternate energy systems and electric vehicles
- Research interests: Life-cycle Analysis, Integrating sustainability concepts into the engineering curriculum

Saginaw Valley State University (Saginaw, MI)

Assistant Professor

College of Business and Management

Department of Law and Finance

2007 - 2013

- Taught general business law to undergraduate and graduate students
- Taught commercial transactions course to accounting students
- Taught specialized business law courses including International Business Law, Employment Law, Energy & the Environment: Law and Policy, Sustainable Business Practices
- Created *pro bono* legal aid clinic for SVSU students and the community
- Developed and taught new courses in Sustainable Business Practices, Energy & the Environment: Law and Policy, and Globalization of Business: Law and Policy
- Special expertise in contract law, finance law, banking law, secured transactions, labor and employment, energy and environmental law, administrative law
- Research interests: Business Ethics, Privacy Issues & Customer Data, Corporate Governance, Corporate Social Responsibility, Risk Management, Energy, Sustainability, and Environmental Law

Warner Norcross & Judd, LLP (Southfield, MI)

Attorney

2000 – 2007

Counseled business clients on legal and regulatory matters. Specialized in environmental regulatory and compliance issues, particularly Clean Air Act related programs. Provided legal services to clients engaged in enforcement actions with state and federal agencies, including negotiating consent orders, judgments and decrees. Assisted individual companies and trade associations in influencing the development of environmental regulations at the state and federal level. Specialized in state and federal Clean Air Act issues including NAAQS, PSD, NSPS, NSR, and NESHAPs. Assisted clients with matters involving other major federal environmental statutes including RCRA, TSCA, CERCLA, NEPA, and the CWA. Admitted to the Michigan Bar, the U.S. District Court for the Eastern District of Michigan, and the U.S. Court of Appeals for the Sixth Circuit, and the U.S. Court of Appeals for the D.C. Circuit, and the U.S. Supreme Court.

Wayne State University (Detroit, MI)

Adjunct Graduate Faculty Member

College of Engineering

1996 – 2007

Taught courses in the Wayne State University Hazardous Waste Management program in the College of Engineering. Prepared course lesson plan and corresponding lectures on Clean Air Act issues. Provide students guidance in completing their assignments. Also taught Hazardous Material Management for students preparing for CHMM certification.

Howard & Howard, P.C. (Bloomfield Hills, MI)

Attorney/Member

1996 – 2000

Provided clients with timely and accurate legal advice, guidance, and counsel regarding environmental regulatory and compliance issues. Provide legal services to clients engaged in enforcement actions with state and federal agencies, draft consent orders, judgments and decrees. Negotiated fines, penalties, and other settlements. Worked with major federal environmental statutes including RCRA, TSCA, CERCLA and the CWA. Specialize in state and federal Clean Air Act issues including NAAQS, PSD compliance, NSPS requirements, NSR, and NESHAPs. Admitted to the Michigan Bar, the U.S. District Court for the Eastern District of Michigan, the U.S. Court of Appeals for the Sixth Circuit, and the U.S. Court of Appeals for the D.C. Circuit, and the U.S. Supreme Court.

Wayne County Department of Environmental Management (Detroit, MI)

Director

Air Quality Management Division

1995 – 1996

Responsible for managing and directing the regulatory, engineering, monitoring, and enforcement staff of Wayne County's Air Quality Management Division. Supervisory duties included four direct managerial reports and approximately forty-five technical and clerical staff. Responsible for coordinating enforcement activities with the County Prosecuting Attorney's Office and the County's Municipal Corporation Counsel. In charge of the Division's 3.2 million dollar budget. Oversee a total revision of the County ordinance to incorporate provisions for the Clean Air Act Amendments of 1990, and updates to Michigan Act 451. Responsible for negotiating delegation and contractual agreements with the MDEQ and U.S. EPA. Responsible for negotiating administrative consent decrees, resolving community concerns regarding air pollution, nuisance odors, and health effects. Also responsible for overseeing pre-construction permit negotiations, and coordination of inter- and intra-agency activities at the County, State, and Federal levels.

Chrysler Corporation (Auburn Hills, MI)

Environmental Engineer

Paint & Energy Management

Advanced Manufacturing

1994 – 1995

Coordinated with appropriate staff and contractors on the development of emission inventories and federal Title V Operating Permit applications for assembly plant paint shop operations. Worked with paint suppliers to evaluate and approve current and future coatings for compliance with environmental programs and policies. Assisted corporate environmental personnel in the development of positions on environmental regulatory programs. Represented Chrysler on the Michigan Manufacturers Association Air Quality Advisory Committee, the Michigan Department of Natural Resources Air Quality Advisory Committee, and the Automobile Manufacturers Association Air Toxics Task Group.

General Motors Corporation (Warren Technical Center & Detroit, MI)

Senior Project Engineer

Corporate Environmental Activities Staff

1986 – 1994

Analyzed the impact of proposed state and federal environmental legislation and regulation on GM facilities. Coordinated with appropriate staffs and divisions to formulate Corporate positions on environmental issues. Represented GM at state and federal administrative and legislative hearings. Experience included testifying in front of environmental committees of the Michigan Senate and House of Representatives. Represented General Motors on various industry/agency work groups including the Michigan Department of Natural Resources Air Quality Advisory Committee and the Washington, DC based Coalition for Clean Air Implementation Air Toxics Subcommittee. Chaired the American Automobile Manufacturers Association Air Toxics Work Group, and the Michigan Manufacturers Air Quality Advisory Committee. Assisted facilities with compliance with environmental statutes including RCRA, CERCLA, SARA, TSCA, CWA, and CAA. Special expertise with the Clean Air Act Amendments of 1990, particularly provisions regulating hazardous air pollutants and the operating permit program. Also familiar with air pollution control programs in over two dozen states including Michigan, Ohio, Wisconsin, New York, Louisiana, California, and Maryland.

Wayne State University (Detroit, MI)

Adjunct Instructor

College of Engineering

1989

Taught college-level pre-calculus mathematics, including algebra and trigonometry, to undergraduate Engineering Technology Students. Developed lesson plans, lectures, quizzes, and exams.

Education

Harvard University (Cambridge, MA)

ALM, Sustainability and Environmental Management, May 2016

Wayne State University (Detroit, MI)

J.D., May 1996

Wayne State University (Detroit, MI)

M.S., Chemical Engineering

Wayne State University (Detroit, MI)

B.S., Chemical Engineering

Publications

Ross, Rhonda L. “*Opening the Floodgates and Draining the Great lakes one Bottle at a Time: How Privatizing Water Resources Threatens the Great Lakes*”, Denver Water Law Review, Volume 16, Issue 1 (2012).

Ross, Rhonda L., “*A Fatal Flaw in The Clean Air Act: How The Clean Air Act Fails To Adequately Regulate Ambient Concentrations of Hazardous Air Pollutants*”, Utah Environmental Law Review, Issue 32, No. 1, 2012.

Ross, Rhonda L., Asher, Tammy Brown “*Dangerous Error Apparent: How Hazardous Air Pollutant Regulation Has Failed to Address Toxic Hotspots*”, Environmental Law Reporter, Notes and Analysis, 42 ELR 10475, May 2012.

Ross, R. L., “*Criminal Prosecution of the Asbestos NESHAP: Are the Provisions for Category II Asbestos Containing Materials Void for Vagueness*”, Proceedings of the International Air & Waste Management Association, Annual Conference, Orlando, FL, June 2011.

Ross, R. L., “*Framework for Reducing Greenhouse Gas Emissions and Driving Sustainable Change in Energy Usage*”, Proceedings of the International Air & Waste Management Association Annual Conference, June 2010.

Ross, R.L., “*Major Modifications under NSR: Conflicts between Regulation by Rule and Regulation by Litigation*”, Andrews Litigation Reporter, Thomson West Publication, Volume 25, Issue 3, September 10, 2004, p. 28.

Ross, Rhonda L., “*New National Standards for Air Pollution will Impact Individuals and Industries in Michigan*”, Michigan Lawyers Weekly, May 24, 2004.

Ross, Rhonda L., Pfost, Jeffery M., *The Amazing Maze of EPA’s NESHAP Rules: Update on the Status of MACT Standards and the Section 112(j) Hammer*, West Michigan Chapter Air & Waste Management Association Newsletter, Vol. 11, Issue, 5, December 2003.

R. L. Ross, P. J. Maciejewski, M. P. Misiak, *A Risk-Based Approach To Developing MACT Standards: Does The Clean Air Act Allow EPA To Use Health Risk As A Basis For Setting MACT Standards Under Section 112?*, Proceedings of the Air & Waste Management Association, 96th Annual Conference & Exhibition, June 2003.

C. Hersey, **R. L. Ross**, *Is EPA Usurping State Authority Under The Clean Air Act? A Conspiracy Theory*, Proceedings of the Air & Waste Management Association, 96th Annual Conference & Exhibition, June 2003.

R.L. Ross, *The MACT Hammer is Falling*, MMA Enterprise Magazine, March/April 2002.
C.J. Seamon, P.E., and R.L. Ross, J.D., *Ten Key Practical Pointers to Successfully Negotiating a Title V Permit*, Metal Finishing, Volume 99, Number 3, March 2001.

Cathie Jo Seamon, P.E., **Rhonda L. Ross**, J.D., *Impacts of Surface Coating MACT Standards for Miscellaneous Metal and Plastic Parts: Developing a Strategy for Compliance*, Proceedings of the Air & Waste Management Association, 93rd Annual Conference & Exhibition, June 2000.

Cathie Jo Seamon, P.E., **Rhonda L. Ross**, J.D., *Ten Key Practical Pointers to Successfully Negotiating a Title V Permit*, Proceedings of the Air & Waste Management Association, 93rd Annual Conference & Exhibition, June 2000

Ross, Rhonda L., *Proposed Ambient Air Quality Standards for Ozone and Particulate Matter will have Dramatic Impact on Industry*, The Environmental Corporate Counsel Report, March 1997, Vol. 3, No. 12.

Ross, Rhonda L., *Proposed Standards for Ozone and Particulate Matter Will Have Dramatic Impact on Industry*, Kalamazoo Enterprise, February 1997, Volume 25, Issue 10.

Ferman, Martin A., **Ross, Rhonda L.**, “*Estimate of Maximum Ambient Isocyanate Levels from an Isocyanate-based Clearcoat Application*”, General Motors Corporation Research Report, EV-370, June 26, 1990.

Kononen, Douglas, Wright, Elaine S., Strohm, Bradford H., **Ross, Rhonda L.**, “*A Generalized Framework for Assessing the Potential Human Health and Environmental Risks Posed by GM Plant Emissions*”, General Motors Corporation Research Report, OS-125, BI-444, June 16, 1989.

Ross, Rhonda L., Whittlesey, Grant C., Splittgerber, Fred H., Salley, Steven O., and Klein, Michael D., "*Rapid Assay for Heparin During Extracorporeal Circulation*", Transactions of the American Society of Artificial Organs, Vol. 32, 1986.

Manuscripts in Draft Form or Under Review

Ross, Rhonda L., "*Implementing Change Management by Integrating Sustainable Business Practices into the Business School Curriculum*"

Ross, Rhonda L., "*Teaching Ethics to Business Law Students: An Active and Collaborative Learning Approach*".

Ross, Rhonda L., "*Driving Change by Integrating Sustainability into the Engineering Curriculum*".

Ross, Rhonda L., "*Twenty Five Years of MACT Standards: Regulation, Litigation, and Air Quality*"

Presentations

"Criminal Prosecution of the Asbestos NESHAP: Are the Provisions for Category II Asbestos Containing Materials Void for Vagueness", International Air & Waste Management Association, Annual Conference, Orlando, FL, June 2011.

"The Clean Air Act: Update on Legal Issues", Air Toxics Panel Discussion, International Air & Waste Management Association, Annual Conference, Orlando, FL, June 2011.

"Modeling an International Greenhouse Gas Emission Program on Successful Market-Based Programs", International Air & Waste Management Association Annual Conference, Detroit, MI, June 2009.

The Potential for Civil and Criminal Liability Due to Emissions During Start-up, Shutdown & Malfunction, Air & Waste Management Association, Annual International Conference, Orlando, FL, Orange County Convention Center, June 26, 2001.

"Criminal Prosecution of the Asbestos NESHAP: Are the Provisions for Category II Asbestos Containing Materials Void for Vagueness", International Air & Waste Management Association Annual Conference, Orlando, FL, June 2011.

"Update on BACT/MACT rules", East Michigan Air & Waste Management Association, Fall Conference, Schoolcraft College Auditorium, December 1, 2005.

"Update on New Source Review Enforcement – Just What Is a “Modification”", State Bar of Michigan, Environmental Law Division, Fall 2005 Conference, Lansing, November 10, 2005.

"MACT Standards: Update on Status of Standards & Practical Compliance Strategies", East Michigan Air & Waste Management Association, St. John's Conference Center, May 12, 2005.

"MACT Standards: Update on Status of Standards & Practical Compliance Strategies", West Michigan Air & Waste Management Association, Grand Valley State University, March 23, 2005.

"Update on State and Federal Clean Air Act Issues", Presentation to the Michigan Pulp and Paper Environmental Council, Michigan Manufacturers Association, Lansing, November 8, 2004.

"Pulp & Paper Industry: Practical Impacts of Recent MACT Standards & Other Air Rules", Presentation to the Michigan Pulp and Paper Environmental Council, Michigan Manufacturers

Association, Lansing, July 20, 2004.

“Overview of MACT Standards”, Michigan Manufacturers Association Workshop & Seminar on New NESHAP Standards, Michigan Manufacturers Association, Lansing, June 14, 2004.

“Overlap Issues Related to MACT Standards”, Michigan Manufacturers Association Workshop & Seminar on New NESHAP Standards, Michigan Manufacturers Association, Lansing, June 14, 2004.

“Introduction to the Organic Liquid MACT”, Michigan Manufacturers Association Workshop & Seminar on New NESHAP Standards, Michigan Manufacturers Association, Lansing, June 14, 2004.

“Strategies for Compliance with MACT Standards”, Michigan Manufacturers Association Workshop & Seminar on New NESHAP Standards, Michigan Manufacturers Association, Lansing, June 14, 2004.

“Strategies for Compliance: MACT & NSR”, DTE Environmental Engineers Conference, Detroit Edison, July 8, 2003.

“A Risk-Based Approach To Developing MACT Standards: Does The Clean Air Act Allow EPA To Use Health Risk As A Basis For Setting MACT Standards Under Section 112?”, International Air & Waste Management Association, 96th Annual Conference & Exhibition, San Diego, CA, June 2003.

“Is EPA Usurping State Authority Under The Clean Air Act? A Conspiracy Theory”, International Air & Waste Management Association, 96th Annual Conference & Exhibition, San Diego, CA, June 2003.

Overview of Recent Federal NESNAP Standards and the Impact on Manufacturers, West Michigan Air & Waste Management Association, Spring Conferences, Kalamazoo, Michigan, March 19, 2003.

Planning Today to Avoid Liability Tomorrow: Overview of New Car Standards & Their Impact On Automotive Suppliers, PriceWaterhouse Coopers In-House Counsel Supplier Forum, Bloomfield Hills, Michigan, April 24, 2003.

Renewable Operating Permits, Responsible Officials & True Confessions, Visteon Environmental Engineers Workshop, St. John’s Conference Center, Plymouth, Michigan, September 17, 2002.

The MACT Hammer is Falling, Michigan Manufacturers Association Educational Seminar, Embassy Suites, Southfield, Michigan, March 25, 2002.

The MACT Hammer is Falling, State Bar of Michigan, Environmental Law Section, Air Committee Permitting Workshop, State Bar of Michigan, Lansing, Michigan, March 21, 2002.

The MACT Hammer is Falling, West Michigan Air & Waste Management Association, Spring Conference, Eberhard Center, Grand Valley State University, Grand Rapids, Michigan, March 19, 2002.

The MACT Hammer: Will it Fall?, East Michigan Air & Waste Management Association, Fall Conference, Westin Hotel, Southfield, Michigan, November 29, 2001.

Update on the Miscellaneous Metal Parts NESHAP, Air & Waste Management Association, West Michigan Chapter, Spring Conference, Grand Rapids, Michigan, March 2001

Hot Air Issues, Warner Norcross & Judd Environmental Update and Disaster Response

Seminar, Crowne Plaza Hotel, Grand Rapids, Michigan, November 8, 2000.

Start-up, Shutdown & Malfunction: The Continuing Saga of Michigan's Air Rules, State Bar of Michigan Environmental Law Section, Fall Update Meeting, October 20, 2000.

Hot Air Issues, West Michigan Air & Waste Management Association, Spring Luncheon Meeting, University Club, Grand Rapids, Michigan, March, 2000.

MACT Standard Development: Update and Overview of the Status of Implementing Section 112 of the Clean Air Act, Executive Enterprises Institute, Clean Air Act Regulatory Conference, Holiday Inn on the Bay, San Diego, California, November 16 - 17, 1998.

Compliance from a Legal Perspective, East Michigan Chapter of the Air and Waste Management Association, Spring Conference, Novi Hilton, Novi, Michigan, May 21, 1998.

The Any Credible Evidence Rule: What Does Compliance Mean?, East Michigan Chapter of the Air and Waste Management Association Fall Conference, Northfield Hilton, Troy, Michigan, October 29, 1997.

The Clean Air Act: A Functional Approach, Executive Enterprises Institute Environmental Regulatory Workshop, Orlando, Florida, April 15 - 17, 1997, and July 16-18, 1997.

A Roadmap to The Resource Conservation and Recovery Act, Executive Enterprises Institute Environmental Regulatory Workshop, Orlando, Florida, April 15 - 17, 1997, and July 16-18, 1997.

Enhanced Clean Air Act Enforcement, Michigan Chamber of Commerce Clean Air Act Compliance Seminar, Michigan Chamber of Commerce Building, Lansing, Michigan, January 28, 1997.

Title V Renewable Operating Permit Program: Applications, Deadlines, and Shields, Michigan DEQ Waste Reduction and Energy Efficiency Workshop, Burton Manor, Livonia, Michigan, December 14, 1995.

"*The New Air Toxics Rules*", The North America Environmental Management and Technology Conference & Exhibition, Cobo Convention Center, Detroit, Michigan, October 12, 1993.

"*The Clean Air Act: Impact on Business in Michigan*", Conference on Environmental Risk and Responsibility, Westin Hotel, Detroit, Michigan, March 26, 1993.

"*The User Pay Philosophy in Lansing*", LICA's Pollution Prevention Conference, Ritz-Carleton Hotel, Dearborn, Michigan, September 8, 1992.

"*Air Toxics Regulations and their Impact on Industry*", Air, Water, and Waste Technologies Conference, Cobo Hall Conference Center, Detroit, Michigan, November 13, 1991.

"*Air Toxics and the Great Lakes Basin*", National Order of Women Legislators Annual Conference, Grand Hotel, Mackinaw Island, Michigan, August 25, 1991.

"*Air Toxics: Environmental Trends and Impacts*", Society of Manufacturing Engineers, Adhesives '90 Conference, Hyatt Regency, Schaumburg, Illinois, October 2, 1990.

"*Air Toxics: Regulatory Trends in the Midwest*", HAZMAT '90 Conference, Rosemont Conference Center, Chicago, Illinois, March 14, 1990.

"*Proposition 65: The New Frontier of Toxic Regulation*", Water Pollution Control Federation, 1988 National Conference, Dallas Convention Center, Dallas, Texas, October 1988.

"*Industrial Compliance under Proposition 65*", Detroit Section of the Air Pollution Control

Association, Northfield Hilton, Troy, Michigan, May 19, 1988.

**Continuing
Education**

Certificates

- **Yale University**, Women's Campaign School, July 2007
 - **MIT**, Negotiating Environmental Agreements, September 1995
 - Trinity Consultants, Fundamentals of Dispersion Modeling, May 1991
 - U.S. Environmental Protection Agency, Introduction to Air Pollution, 1991
 - American Chemical Society, Toxicology for Engineers and Scientists, November 1988
-