The **Nature** of Our Business

1998 Environment, Health and Safety Report

Policy

Lucent Technologies is committed to protecting the environment and the health and safety of our people, our customers and the communities where we operate. Meeting this commitment is a primary management objective and the individual and collective responsibility of all Lucent employees worldwide. To that end, we shall:

comply with all applicable environmental, health and safety laws, regulations and Lucent's Global EH&S standards

establish management systems for environment, health and safety based on recognized standards, and set companywide goals for continuous improvement

integrate environment, health and safety into our business plans and decisions — including the design, production, distribution and support of our products and services

ensure that our products are safe, and work with suppliers and customers to promote responsible use throughout their life cycle

reduce environmental impact and conserve natural resources by minimizing waste and emissions, reusing and recycling material, and responsibly managing energy use

motivate and prepare all employees to take personal accountability for protecting the environment and creating a safe and healthy workplace

be a leader in deploying and promoting innovative, cost-effective environmental, health and safety technologies and procedures both within and outside the company.

We will regularly review and improve this policy, communicate it to all employees, and make it available to all stakeholders.

Goals

By the year 2000 we will:

have in place EH&S management systems — based on recognized standards — for at least 95% of our products, services, operations and facilities.

at a Glance

MISSION
To provide customers with the world's best and most innovative communications systems, products, technologies and customer support, and to deliver superior, sustained shareowner value.

REVENUE
$30.1 billion in fiscal year 1998

EMPLOYEES
143,800 as of 12/ 31/ 98
(about 20 percent outside the U. S.)

LOCATIONS
Offices or distributors in more than 90 countries and territories; Bell Laboratories facilities in 20 countries.

HEADQUARTERS
600 Mountain Ave. Murray Hill, NJ 07974 USA
Tel: (908) 582-8500

Lucent manufacturing plants, R&D locations and administrative facilities have earned ISO 14001 certification in 12 countries at the following locations: Pinkemba, Australia
Qingdao and Shanghai, China
Rouen and Saumur, France
Augsburg, Germany
Bray, Ireland
Matamoros, Mexico
Huizan, the Netherlands
Singapore
Tres Cantos, Spain
Hsinchu, Taiwan
Bangkok, Thailand

In the U.S.
Allentown and Reading, Pennsylvania
Basking Ridge, Berkeley Heights, Middletown and Mt. Olive, New Jersey
Dallas, Texas
Denver, Colorado

reduce our lost workday accident rate by 30% as we move toward our long-term objective of zero on-the-job injuries.

develop and apply Design for Environment (DFE) criteria to produce competitive, environmentally preferable products and services.

improve the energy efficiency of our operations to avoid what would otherwise be the emission of at least 135,000 metric tons of greenhouse gases.

recycle at least 70% of our waste paper.

At the same time, we will sustain the successes and significant gains already made in reducing manufacturing waste disposal and reportable air emissions as we add new operations and grow the business globally.

In support of these goals, **we will engage** all Lucent employees worldwide in addressing environmental, health and safety issues and recognize their achievements at work and in their communities through programs like Lucent's Environmental, Health and Safety Heroes.



Denver, Colorado
Mesquite, Texas
Omaha, Nebraska
Orlando, Florida

The following locations are currently certified under the OSHA Voluntary Protection Program:

STAR STATUS
In the U.S.
Allentown Works, Allentown, Pennsylvania
Atlanta Works, Norcross, Georgia
Cirent Semiconductor, Orlando, Florida
Dallas Works, Mesquite, Texas
Oklahoma City Works, Oklahoma City, Oklahoma
Omaha Works, Omaha, Nebraska
Optoelectronics Center, Breinigsville, Pennsylvania
Shreveport Provisioning Center, Shreveport, Louisiana

MERIT STATUS
Merrimack Valley Works, North Andover, Massachusetts
Reading Works, Reading, Pennsylvania

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Welcome

The pace of change in the global communications industry has reached revolutionary proportions, and its effects are being felt worldwide. At Lucent Technologies, we are leading this change and recognize the opportunities and challenges it creates.



John D. Pittman
Vice President, Chief Quality, Environment, Health and Safety Officer

This pace of change extends beyond technology and market conditions. It is apparent, as well, in the ongoing improvements we are making in understanding the needs of our customers and other stakeholders in addressing our environmental performance and the health and safety of our people.



Richard A. McGinn
Chairman and Chief Executive Officer



Richard H Bennett, Jr.
Global Environment, Health and Safety Vice President

Lucent Technologies is uniquely qualified to lead the communications revolution. We are also well positioned to provide industry leadership through our environmental, health and safety programs and initiatives. We have the commitment, the goals, the resources and the people in place to sustain the environmental, health and safety successes and gains accomplished in prior years and to achieve new breakthrough objectives. It's one of the reasons that three years ago we created the Lucent Environmental, Health and Safety Heroes Awards — a program that recognizes employees who have made a real difference in addressing EH&S issues and opportunities at work and in their communities.

Guiding our progress is our environmental, health and safety policy. Experience shows that we achieve our best business results when the policy is fully integrated into the way we run our business. It is flexible enough to address today's needs in a world of ever-evolving laws and regulations — wherever we operate. It also provides a strong foundation on which to build for the new millennium — a foundation of proactive environmental, health and safety initiatives designed to deliver on our commitments to our employees, customers, shareowners and the communities where we work and live.

Our EH&S commitment to employees means safeguarding their health and safety and enlisting their talents to sustain Lucent's innovation, productivity and environmentally sound practices. Our commitment to customers, business partners and suppliers means working together to provide safe, energy efficient goods and services that will have minimal environmental impacts throughout their life cycles. Our commitment to shareowners means minimizing risks and liabilities and effectively managing our EH&S program costs. Our commitment to the communities in which we operate means that we continually strive to ensure that we contribute to a safe and clean environment. Meeting these commitments means striving for sustainable development and design for the environment, just as we design for high performance, reliability, cost and quality.

Our values as a global company demand no less. From our Obsession with Serving Customers to our Commitment to Business Excellence — from our drive for Personal Accountability, Integrity and Candor in all we do, to our strong sense of Social Responsibility — we are focused on creating a high-performance operating environment that fosters the behavior and results that have become synonymous with the Lucent name. We know that living up to the expectations associated with these commitments requires that we perform in a way that creates success not just for today but for the long term.



Management Systems

At Lucent Technologies we recognize that everything we do today has implications tomorrow — for the environment, and the health and safety of our employees. From manufacturing facilities and laboratories to administrative complexes, we have a commitment to anticipate and avoid any potential impacts of our actions. EH&S Management Systems and Design for Environment (DFE) are two essential elements in our approach to meeting this commitment.



In 1998, Lucent continued to make progress in meeting its goal to incorporate Design for Environment criteria and capabilities into the design of new products.

Our EH&S policy mandates that we establish management systems for environment, health and safety based on recognized standards, and our EH&S Goals state that by the year 2000 we will have a systems based approach in place for at least 95 percent of our products, services, operations and facilities. Our policy also includes a commitment to Design for Environment, an approach that addresses the life cycle consequences of our products and services early in the development process.

EH&S Management Systems offer a framework for our business groups to ensure their business operations and practices comply with existing regulations, customer requirements and our own EH&S policy, goals and worldwide standards. They, together with Design for Environment, take us beyond compliance and provide the platform needed to fully integrate EH&S into our business decisions and activities.

Environmental Management Systems — By year-end 1998, environmental management systems (EMS) were in place at 23 percent of our operations. Many of our business groups have based their systems on ISO 14001, an internationally recognized standard, and have opted for independent third-party certification.

Health & Safety Management Systems — Our approach to meeting Lucent's Occupational Health and Safety Management System (OH&S) goal addresses the diversity of Lucent's global operations and reflects the absence of a uniform internationally recognized standard in this area. Our business groups may choose to deploy management systems based on a combination of external standards that include, for example, BS8800, voluntary government programs, U. S. Occupational Safety & Health Administration's (OSHA) Voluntary Protection Program, or Lucent's defined OH&S management system platform. In 1998, Lucent's deployment of health and safety management systems reached 21 percent, based on the number of employees covered. Lucent has 10 locations currently certified under the OSHA Voluntary Protection Program.

Design for Environment — In 1998, Lucent continued to make progress in meeting its goal to incorporate Design for Environment criteria and capabilities into the design of new products. In 1997, 41 percent of the planned DFE infrastructure was in place to ensure that our new product designs consider DFE criteria. In 1998, that figure climbed to 73 percent. Our goal is to develop and apply DFE criteria to all of our products and

services in such a way that they are competitive, environmentally responsible, comply with legal requirements and are responsive to the environmental needs and concerns of our customers. By using quality-based systems now, our products and services will be ready for the future, designed with potential impacts on the environment in mind.



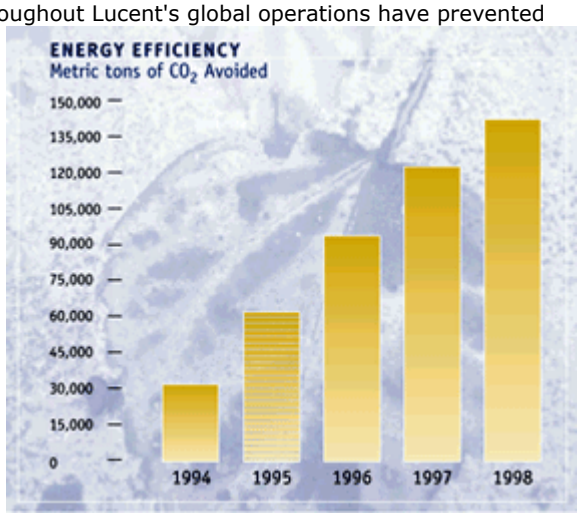
The **Nature** of Our Business

1998 Environment, Health and Safety Report

Environmental Progress

From air and water management to energy efficiency, from recycling to waste disposal, Lucent remains committed to integrating progressive environmental practices into its everyday business to support the achievement of a cleaner, safer environment — locally and globally.

In 1996, we set a Year 2000 Goal to improve the energy efficiency of our operations to avoid what would otherwise be the emission of 135,000 metric tons of greenhouse gases. Lucent surpassed that goal in 1998. Initiatives launched by energy management teams throughout Lucent's global operations have prevented annual emissions of 142,000 metric tons of carbon dioxide, up from 122,000 in 1997 — a 16 percent improvement. This improvement in energy efficiency translates directly to $15.6 million in cost savings while trimming energy use by 1,258,412 million British thermal units (Btu).



In 1998, Lucent's air management programs achieved an absolute reduction in reportable air emissions, even as we expanded operations globally. We are sustaining and building on the gains made in prior years. From 1994 to 1998, we reduced air emissions, indexed to production, by 90.7 percent. In 1998, reportable air emissions dropped from 39,565 kilograms to 30,133 kilograms — a 24% reduction. In the areas of water usage and conservation, and sanitary and wastewater discharges, Lucent has ongoing initiatives to ensure we meet or exceed local standards throughout the world as well as Lucent's Global EH&S Standards. Lucent's paper recycling programs in facilities throughout the world once again produced results that exceeded our Year 2000 Goal to recycle a minimum of 70 percent of our waste paper and cardboard. In 1998, we recycled 13,370 metric tons — the first year we passed the 70 percent recycled paper target, up from 12,700 metric tons in 1997. In addition to our internal waste recycling efforts, Lucent has been focusing on using more recyclable materials in our products and packaging, and working with suppliers on developing packaging that is reusable.

Lucent also remains committed to incorporating into our operations practices that reduce or eliminate manufacturing waste at its source. In 1998, we continued to exceed our goal of maintaining total manufacturing waste disposal at our 1994 level, indexed to production. Last year, for the first time, Lucent's non-hazardous waste disposal volume decreased two kilograms per $1000 cost of goods sold — even with a significant increase in manufacturing output. In compliance with Lucent's Global EH&S Standards, hazardous waste from Lucent facilities is directed to approved facilities for reclamation, treatment or other disposition.



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Health and Safety Progress

At Lucent Technologies, we consider protecting the health and safety of our employees to be a core business value. We recognize the vitality and viability of our work force to be of critical importance to the continued growth and success of our business. With this in mind, we are working to advance initiatives designed to improve our company's health and safety performance.



At Lucent, our long-term objective is zero on-the-job injuries. We are committed to creating a healthy and safe work environment for our employees.

In 1998, we continued to implement Occupational Health and Safety Management Systems (OH&SMS) across Lucent. One of Lucent's Year 2000 Goals is to have EH&S Management Systems in place for at least 95 percent of our facilities, products, operations and services.

This systems-based approach is designed to identify operation-specific safety and health hazards so they can be targeted for prompt and effective management in consideration of the relative risk they present to people working at each location. Our OH&SMS approach allows performance improvement initiatives to be efficiently planned, tracked, managed and communicated. The intent of this systems approach is to seamlessly integrate safety and health performance into the day-to-day operations of our business.

Another Year 2000 Goal is a commitment to reduce our lost workday case rate by 30 percent below our 1996 baseline rate. Lucent's reporting criteria for this goal considers accident-related injury cases involving one or more days away from work.

In 1998, Lucent achieved a lost workday case rate of 0.74. This was a 19 percent improvement over our 1997 results and a 9 percent improvement over our 1996 baseline results of 0.81. Our year-end 1999 target is 0.57.

Opportunities to improve safety performance exist throughout Lucent, and many initiatives are under way to capitalize on them. Besides deploying health and safety management systems, considerable efforts are under way to recognize and achieve ergonomics improvement in virtually every aspect of our work. The deployment of ergonomics program managers, technicians, trainers and Web-based information resources is showing signs of having a positive influence on safety performance.

Our Global Environmental Health & Safety Corporate Center is focused on supporting each of Lucent's business groups and corporate centers through specific work plan initiatives that concentrate on aligning corporate support to business needs. Initiatives include continued data analysis to identify improvement opportunities, additional training development and deployment, including alternative electronic media approaches, and the development and deployment of customized safety improvement solutions that go beyond traditional methods.

At Lucent, our long-term objective is zero on-the-job injuries. We are committed to creating a healthy and safe work environment for our employees, continuous safety performance improvement and sustaining our successes. At Lucent, everyone is responsible to be engaged in the process of protecting the safety and well-being of our co-workers and ourselves.



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1998 Environment, Health and Safety Report

Highlights

Global Teams Spread Safety Training

Installation operations managers, engineers and installers are among the growing number of Lucent's Global Service Provider (GSP) employees worldwide who are receiving training ranging from chemical safety to asbestos and lead awareness.

GSP's international services organizations are fielding environmental health and safety teams in Lucent's Asia/ Pacific, China, Caribbean and Latin America, and the Europe, Middle East and Africa (EMEA) regions to implement uniform EH&S programs, management systems and training.

Each team is staffed by at least 10 members, including a regional EH&S officer and country coordinators who support local management initiatives to implement EH&S programs. The regional teams have also established standard procedures to report occupational injuries and illnesses and serious accidents and incidents and to investigate accidents.

Communicating with Lasers Safely

An optical networking revolution is going on in communications and Lucent Technologies is at its center. It's a revolution that uses lasers to shuttle everything from telephone calls to Internet traffic to video.

In 1998, Bell Labs' EH&S Wireless and Optical Technologies Safety Department continued to build awareness throughout Lucent of the additional safety requirements demanded of high- power, fiber- optic communications products. The group has spearheaded laser standards activities with the International Electrotechnical Commission and American National Standards Institute to ensure that Lucent's optical technologies, which offer safe products that customers can rely on, will continue to be deployed.

At the same time, the safety department developed Lucent's policy for new high-power laser products, established safety practices for users, and performed essential occupational laser safety functions for Lucent's research and development community.

The group also identified potential compliance issues in global technology transfers, took steps to close those potential issues and initiated inclusion of product safety items in Lucent's Optical Networking Group's contracts.

Wireless Group Designs Friendlier Products

A new Product Conformance Process in Lucent's Wireless Networks Group (WNG) is just one initiative under way that is targeted at reducing energy use and manufacturing waste while making products more environmentally friendly.

The new process will help ensure that products meet regulatory and customer requirements wherever they are manufactured and sold.

Product designers at WNG's Nuremberg, Germany, Product Realization Center focused on product life cycle issues last year and recently produced an Ecodesign Manual to guide them in developing environmentally friendly products.

WNG's Mt. Olive, New Jersey, Product Realization Center is also working with its design community on a new process to ensure that Design for Environment life cycle issues are considered in each product's development.



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Heroes Awards Program



Some of the 30 young people who are part of the Yellow House Program stand on a hillside overlooking a village in Campinas, Brazil. The children learn the value and rewards of paper recycling from Lucent employees Eloiza Alves (kneeling, front middle) , Carlos Filho (back row, second from left), Ana Maria Silva (back row, fourth from right), Rosaida Espino (back row, third from right), and Jose Hermes Santos (back row, far right)

From Shanghai to Shreveport, from Brazil to Basking Ridge, Lucent's Environmental, Health and Safety Heroes are successfully addressing environmental, health and safety issues at work and in their communities.

Eighteen individual or team programs have received the third annual Lucent Environmental, Health and Safety Hero Award. The winning projects were selected by a consortium of judges assembled by Renew America, a nonprofit environmental, health and safety awareness organization. Each award carries with it a $1,000 contribution to a nonprofit environmental, health or safety organization of the winner's choice. Here is a description of the award-winning projects by category:

ENVIRONMENTAL, HEALTH AND SAFETY PROGRAM EFFECTIVENESS

Injuries down; employee well-being up – Six members of the Voluntary Protection Program Team at the Atlanta Works used their knowledge of ergonomics and biomechanics to resolve more than a dozen manufacturing production concerns that could cause injuries. Mechanical aids, misting fans and cooling vests now provide for a significant reduction in lost workdays, OSHA — recordable illnesses and injuries and restricted work days, while employee comfort, morale and confidence are on the rise.

Omaha saves scraps – Instead of winding up as landfill, scrap fluoropolymer (FEP) plastic is now back in the wire insulating manufacturing process at the Omaha Works. Since February 1998, more than 1 million pounds of FEP material has been diverted from the local landfill waste stream, with 250,000 pounds reused, resulting in a cost saving of about $2.5 million.

Looking to Ukraine – Fifty miles outside of Chernobyl, in the city of Chernigov, Ukraine, a team from the Lucent CheZaRa ltd. joint venture launched an EH&S program that regularly carries out radiological studies and has seen a 94 percent reduction in chemical oxygen demand in its wastewater.

Natural savings – A year ahead of schedule, the Microelectronics Energy Team

Natural savings — A year ahead of schedule, the Microelectronics Energy Team completed numerous energy — reduction initiatives, which have avoided more than 50,000 metric tons of greenhouse gas emissions. The projects have saved more than 99.8 million kwh of electricity, 930,000 therms of natural gas and 114,000 gallons of fuel oil per year, resulting in more than $4.8 million in annual energy savings.

Clear colors – A team at the Atlanta Works completed the final phase of eliminating volatile organic compounds and hazardous air pollutants from coloring operations by implementing the use of ultraviolet technology. This technology, regarded as the best control technology available today, saves the plant more than $1 million a year based on current production rates and has provided a permanent solution to a long-standing emissions problem.

ENVIRONMENTAL, HEALTH AND SAFETY MANAGEMENT PRACTICES

All hands contribute – The Business Communications Systems (BCS) Global Provisioning Call-to-Safety program requires the attendance of every coach within the organization, supported by the local safety, medical, benefits and bargaining unit representatives. The outcome has been a 92 percent reduction in OSHA lost workday cases and a decrease in new accident disabilities, lost workdays and OSHA total case rate.

Just meet it – Find a place to meet, and just add enthusiastic people. That's what the Penn/ Del Safety Council did to heighten safety awareness and implement training programs. Those enthusiastic people consist of field supervisors, EH&S personnel and union representatives, whose efforts have resulted in fewer motor vehicle accidents, deployment of updated fire and safety equipment, and the formation of CPR instruction.

Boosting images and recycling rates – In addition to being the first BCS industrial site to obtain ISO 14001 certification, the Saumur, France, environmental management system project brought about an 80 percent reduction in volatile organic compounds emissions, a recycle rate of 70 percent for non-hazardous waste and a 30 percent reduction in the output of hazardous waste, all the while improving Lucent's brand image with neighbors and local officials.

ENVIRONMENTAL, HEALTH AND SAFETY PLANNING FOR THE FUTURE

Another advantage — An Environmental Performance Tool developed in Hilversum, the Netherlands, measures the use of materials and hazardous substances on printed circuit boards and will give Lucent yet another advantage over its competitors besides price, delivery, service and quality. A reduction of energy, water, packing materials and auxiliary compounds through supply line engineering translates into cost savings and increased business from environmentally conscious customers.

A lighter load — A Cordless Terminal Adapter (CTA) acts as the interface between a subscriber telephone set and the wireless interface. The development of a new CTA in the Rouen, France, GPC has led to reductions of 75 percent in packaging weight, 33 percent in energy consumption, 85 percent in lead used, and 2.5 tons a year in manufacturing waste.

Packaging savings — They're not as fun to play with as those fluffy, foamy polystyrene plastic peanuts, but the packaging and shipping materials the Omaha Works now uses are environmentally friendly and save Lucent more than $210,000 each year. Customers prefer the new, higher quality packaging materials, and employees find them easier and safer to work with than the old ones.

Thanks for the info — A team of Microelectronics employees from Allentown, Pa., developed the Product Composition Guide for Integrated Circuits, providing customers with information related to the chemical composition of the products we supply them. Only a few companies worldwide offer this information proactively. Our customers benefit from this heightened environmental awareness, and Lucent saves time and resources not having to address questions that have been proactively supplied to customers.

ENVIRONMENTAL, HEALTH AND SAFETY

ENVIRONMENTAL, HEALTH AND SAFETY SOCIAL RESPONSIBILITY

Child's play — It gives the St. Louis neighborhood back to the children, away from the mice and rats that take over when garbage is strewn over the playgrounds and lots. The Church of the Living God/ Fox Park Youth Inc. Neighborhood Initiative renews safety and pride for inner- city youth by cleaning up vacant lots and alleyways, and reporting illegal dumping activities.

It's easier being green — Darren Port, founder of Green Logic Design, based in Englishtown, N. J., created the Natural Building Colloquium East to serve as the catalyst for many green building events and construction projects along the East Coast. The group educates individuals and companies on design and construction methods that utilize renewable, nontoxic and energy- efficient materials and methods.

Emphasizing the cycle in recycle — It's a victorious cycle in Campiñas, Brazil, as Lucent donates its used paper to the paper recycling workshop taught by the Yellow House Program for neglected area children. The children are trained in the production of recycled paper and then manufacture note pads. Lucent then purchases the note pads for its local office, the money going to further fund other learning workshops.

Protecting the planet — They are the "Planet Protectors," a group of Network Products employees in Mesquite, Texas, who have donated their time and resources to the community for the past 10 years. Revenues from aluminum can sales and raffles purchase medical supplies for needy churches and volunteer doctors. The group has recycled more than 2 million pounds of non- hazardous solid waste and raised more than $12,000 in revenues from recyclable materials.

Pursuing outdoor safety — The goal of Columbus (Ohio) Outdoor Pursuits is to allow individuals to explore and appreciate natural resources in a responsible and safe manner. Marty Kerns did her part by volunteering more than 400 hours last year to organizing, conducting and facilitating classes on wilderness first aid, map and compass use, outdoor leadership, backpacking and hiking.



1998 Heroes Awards

Environmental, Health & Safety
- Program Effectiveness
- Management Practices
- Planning for the Future
- Social Responsibility



People make a difference. In 1998, 18 individuals and teams earned Heroes Awards. Read on and learn who they are and what they did.

Environmental, Health & Safety Program Effectiveness

Injuries down; employee well-being up:
Deborah Brooks
Ila Elson
Gary Knoop
Rockney Narney
Nancy Wagasky
Jeffrey Wynn

Omaha saves scraps:
Larry Bleich
John DeBortoli
Arnie Kelson

Looking to Ukraine:
Ludmila Ossadchaya
Valeriy Poliakov
Vitaliy Rizhiy
Valentin Sakhno

Natural savings:
Rick Benzer
Pisith Bhuthathorn
Gary Byars
Andrew Chan
Tim Davis
Gene Dimond
Al Druckenmiller
Bill Elovski
Naum Ger
Ken Grablewski
Paul Grenewald
Khoo Han- Chai
Scott Houthuysen
Bill Humphrey
Jose Hurtado
Sucheep Kantanon Mike Kaszyski
Bill Knolle
Bill Kovatch
Joe Laudenberger
Thanh Le
Allen Liang
Vicente Martin
Dave McCleary
Hank Merrill
Hank Meyer
Bob Miller
Robert Murray
Paul Olivarez

Paul Olivarez
Craig Onori
Lou Pacchioli
George Palella
Dale Price
Jaime Quadra
William Reese
Dale Seyfert
Dave Sodl
Michelle VanTiggelen

Clear colors:
David Au
William J. Baron
Robert J. Brown, Jr.
Harish C. Chandan
Raymond P. DeFabritis
Mark A. Gaeth
Kenneth W. Jackson
Stan Kaufman
Kariofilis Konstadinidis
Heng Ly
Soo Gun Oh
Patsy M. Pruitt
Celestino Rey
J. F. Ryan III
Manuel R. Santana
Ella Shmukler
Shahab Siddiqui
Neil W. Sollenberger
John R. Szwec
Carl R. Taylor
Ruben Travieso
John M. Turnipseed
Gail M. Weller

Environmental, Health & Safety Management Practices

All hands contribute:
Phil Baggett
Sid Heath
Jim Jasien
Glenn Moyer
Ed Robinson

Just meet it:
Rose Adams
Patton Anthony
Jackie Becker
George Cox
Frank Deo
John Dill
Isabel Duran
Amy Ferry
Dan Floryshak
Donna Geiger
Keith Gengler
Pete Gildein
Bob Larkin
Bill McFaull
Frank Morelli
Maryaurelia Newlin
Sue Orbin
Lois Roberts
Deborah Underkoffler
Loretta Walker-Young
Ron Wright
Bill Zinck

Boosting images and recycling rates:
Sylvie Barrault
Alain Bouvet
Stéphane Cornilleau
Mylène Cresp
Marie-Andrée Guérineau
Didier Jossent
Stéphanie Langlais
Pierre-Yves Lemarié
Odile Lourenco
Joêlle Moreau
Laurent Mureau
Yvan Perraud
Sylvie Pichard
Guy Ruel
Marion Tessier

Improving environmental awareness in China:
Geng Ming Fang
Wu Xiao Yan

Environmental, Health & Safety
Planning for the Future

Another advantage:
Menno Nagel

A lighter load:
Jean Yves Boulanger
Franck Bureau
Jacques Daviere
Alain Duprey
Joel Ferrier
Louis Libert
Patrick Merias
Christophe Roy
Alain Vandenbulke
Jean Marc Verdier
Patrick Viandier

Packaging savings:
Benjamin A. Bass
Camille A. Chism
John F. May
Greg L. Mosher
Helen M. Ott-Brasch

Thanks for the info: Chuck Fraust
Ron Jenitis
John Mosovsky

Environmental, Health & Safety
Social Responsibility

Child's play:
Susan Bruker
Vickie Hutchins
Marla Martin
Michael V. Martin

It's easier being green:
Darren Port

Emphasizing the cycle in recycle:
Eloiza Alves

Rosaida Espino
Carlos Filho
Jose Hermes Santos
Ana Maria Silva

Protecting the planet:
Linda Arthur
John Bush
Irene Causey
Sherry Clark
Edie Davis
Maxine Fulton
Les Goekler
Christine Grover
Harold Handke
Ronnie Hinze
Jack Jennings
Vicky Johnson
Jacque Lacy
Marilyn May
Charlie Nix
Susan Schwartz
David Sisson
Randy Teel
Chad Vadnais
Linda Warren
Pat Wilson

Pursuing outdoor safety:
Marty Kerns



Partnerships

Member, WasteWi$e - a voluntary U. S. Environmental Protection Agency (EPA) program that encourages businesses to eliminate costly municipal solid waste.

Charter Member, Climate Wise - a voluntary EPA and U. S. Department of Energy program to implement cost- effective energy efficiency and pollution prevention measures to reduce greenhouse gases.

Participant, Project XL - an EPA initiative for "eXcellence and Leadership" (XL) to achieve innovative and cost- effective public health and environmental protection.

Participant, Common Sense Initiative - an EPA program that brings together government, industry, labor and environmental leaders to find cleaner, cheaper and smarter approaches to environmental protection.

Member, EPA's PFC Emission Reduction Partnership for the Semiconductor Industry - an EPA initiative to reduce emissions of greenhouse gases.

Ally, U. S. EPA Energy Star Computer Program - an EPA program designed to promote development of energy- efficient office equipment.

Participant, U. S. Occupational Safety & Health Administration's (OSHA) Voluntary Protection Program (VPP) - an independent, third- party certification process that recognizes exemplary employee health and safety programs.

Charter Member, Texas Natural Resource Conservation Commission's Clean Industries Plus Program - an initiative that selects environmental leaders to partner with the state to develop future regulations, policy and legislation.

Member, The Pollution Prevention Partnership - an alliance of business, government and public interest groups that promotes pollution prevention and waste minimization in Colorado industries.



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1998 Environment, Health and Safety Report

Awards Won

Microelectronics Group received the **1998 Environmental Excellence Award** from the National Association for Environmental Management for successful integration of environmental issues into business practices. Microelectronics also received the **1998 Pennsylvania Governor's Award for Environmental Excellence** for energy use reduction projects.

Business Communications Systems (BCS) was awarded the **Silver Star Award** by The Institute of Packaging Professionals for a new packaging insert that reduces waste, material handling and packaging costs.

The Environmental Health & Safety Corporate Center received a **Special Recognition Award** from the National Environmental Education & Training Foundation for its educational contribution to the emerging field of industrial ecology. The EH&S Corporate Center also received the **Climate Wise Partner Achievement Award** for outstanding work in reducing greenhouse emissions and increasing energy efficiency.

In France, Lucent's **BCS Saumur** manufacturing facility received the **Ecotrophy (Ecotrophée) Environmental Award** from the Regional Natural Park for the Loire, Anjou and Touraine regions for its waste management policy.

Lucent Technologies in Spain (Microelectronics and Network Systems) were named finalists in the **Principe Felipe Excellence in Business Award** in the environmental management category. This is the highest level award of this type in Spain.

Oklahoma City Works was honored with the **1998 Oklahoma Governor's Safety and Health Award**. It also received an **Oklahoma Beautiful Award** from the state for environmental improvement.

Network Products Group's Power Systems received the **Environmental Vision Award for Community Relations** from the Dallas and Texas Corporate Recycling councils. Power Systems also was selected to be a **Charter Member of the Texas Clean Industries Plus Program** - an honor based on superior environmental commitment and performance.

