Lucent Technologies
Bell Labs Innovations

Welcome

By any standard, this has been a year of challenge and change for Lucent Technologies. We have taken bold steps to focus the business and dramatically improve our ability to execute in support of customers. The divestiture of significant elements of the business—Avaya, Power Systems, Agere Systems and much of our manufacturing—is complete or in progress. Today, Lucent is a very different company from even a year ago, one concentrating on our core competencies and focused on the service provider market for optical, wireless and data networking.



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



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

That dynamic of change and rebuilding sets the framework for our 2000 Environment, Health and Safety (EH&S) Annual Report. One of Lucent's core values—"a strong sense of social responsibility"—sets the foundation. Through all our change and rebuilding, we have not wavered from the belief that our corporate investment in environment, health and safety is **both** socially responsible and business critical. It is an investment in our ability to meet customer needs, support our operations **and** create sustainable competitive advantage. Our commitment to Lucent's EH&S policy has been consistent and our achievements significant. A sampling of these achievements helps illustrate our commitment and results.

2000 SCORECARD

- Reduced or avoided more than $3.5 million in EH&S costs through the deployment and use of effective EH&S management systems.
- Improved safety and reduced lost workday case rate by nearly 6 percent.
- Reduced greenhouse gas emissions by the equivalent of more than 20,000 metric tons of carbon dioxide through targeted energy projects, helping to stem global warming.
- Minimized the EH&S impacts of Lucent products by:
  - Establishing a Lucent Standard Life Cycle Analysis (LCA) methodology
  - Making it easier for designers to assess the EH&S impacts of new products (tool developed)
  - Launching life cycle pilots with wireless (Nürnberg, Germany), optical (Le Plessis, France) and switching (Whippany, N.J., Oklahoma City) products

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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 continual 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 cycles

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.

Our 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.

Our Values

1. An obsession with serving our customers

2. A commitment to business excellence
   - speed
   - innovation
   - quality

3. A deep respect for the contributions of each person to the success of the team
   - mutual respect & teamwork
   - personal accountability
   - integrity & candor

4. A strong sense of social responsibility



Game Plan

The strides made in 2000 represent a significant start against our Goals for 2000+.

Goals for 2000+

In the five-year period beginning with fiscal year 2000, we will:

Deploy and use EH&S management systems that generate a 5 percent reduction in significant aspects, and translate these reductions into financial terms related to specific cost savings or avoidance. **In 2001**, we are targeting financial benefits of $3.4 million in the new Lucent.

Improve safety performance to reduce our lost workday accident rate by at least 3 percent annually and more than 20 percent over the next five years as we move toward our long-term objective of zero on-the-job injuries. **Our 2001** target is a 4.4 percent reduction.

Use energy efficiently to avoid over the next five years what would otherwise be the emission of 50,000 metric tons of greenhouse gases relative to our 1999 baseline. **Our 2001** goal is an additional 11,000 metric tons avoided.

Minimize EH&S impacts of Lucent products over their full life cycles by:

- developing tools that assess current Lucent product life cycle EH&S impacts,
- identifying areas of potential EH&S impact reduction and taking steps to minimize those impacts,
- including consideration of EH&S impacts in Lucent product planning.

In 2001, each Lucent business group will conduct evaluations using new life cycle assessment tools for at least one major product, developing the experience and knowledge necessary to expand similar assessments across all product lines. As part of this effort, we will focus on current customer requests around product energy use, material content and eco-declaration, lead-free products and electromagnetic fields/radio frequency impacts.

Engaging Stakeholders

The distinctions among stakeholders are blurring, as the needs of customers, communities, suppliers, industries and employees become increasingly more interdependent. Lucent's EH&S agenda reflects this complexity. It is designed to ensure that the impact of our products, services and operations on the environment, health and safety of all stakeholders is a positive one.

Engaging Our Customers
(And Our Customers' Customers)

In 1995, Lucent received just one customer request for information on the environmental impact of our products. Today, such calls come regularly. In the current global, connected and informed society, "Green" is a potent force that is reaching the point of mainstream status. Increased environmental awareness is shaping public perceptions and legislative direction. Lucent's customers find themselves faced with challenges and opportunities that never made it onto their business agenda a few years ago. Every day brings considerations that push ISO 14001 compliance, hazardous substances management, product take-back and life cycle analysis to the top of their "must do" lists.



Lucent understands what it takes to flourish in this evolving business context and we are actively working to support our customers as they tackle these issues. Specifically, two examples include the development of a Life Cycle Analysis (LCA) tool and Special Customer Operations (SCO), which help to illustrate how we are leveraging our environmental expertise to create value for our customers.

Life Cycle Analysis: Realizing the Advantages of Environmental Design

Building a better product is more complicated than it used to be. Environmental performance has been added to the familiar competitive elements of price, features, quality and reliability. The ability to assess the environmental impacts of decisions made at every step of a product's life cycle—including throughout the entire supply chain—is becoming a necessity. The ability to make this assessment accurately, quickly and cost-effectively has become a competitive advantage. Lucent is committed to building these capabilities, as stated in our EH& 2000+ Goals:

"We will minimize EH&S impacts of Lucent products over their full life cycles and thereby support competitive advantage by developing tools that enable determination of current Lucent product life cycle EH&S impacts and creation of plans to include EH&S impact considerations in design."

We are translating this goal into action by conducting LCA on at least one major product from each of Lucent's product groups this year. The assessments are being conducted using an internal LCA methodology that improves on traditional approaches, which can be time-consuming, expensive and difficult to interpret.

We gave this new LCA methodology a major boost with the development of an innovative universal life cycle metric tool that quantifies our products' environmental performance and sustainability. This Bell Labs innovation (patent applied for) evaluates key environmental aspects throughout the product’s life cycle. It considers the entire supply chain, including energy use, water use, air emissions, hazardous waste, non-hazardous waste and waste water discharges. The tool provides a practical way to measure a product's continuing environmental performance, its sustainability and its associated competitive advantage.

With the deployment of this tool, we have moved the understanding of environmental performance improvement and the cost impacts of environmental design decisions into everyday product planning and management. For example, we can now evaluate a product's energy use during its operation, looking for opportunities for next-generation improvement. We can quickly quantify, understand and act on the impacts of additional product features. The results? Improved environmental performance and reduced total cost of ownership for our customers.

We are actively looking for ways to build on these innovations. We have met with many groups and universities in the United States and that networking is showing results. In partnership with the New Jersey Institute of Technology, for example, Lucent developed an enhancement that improves designers' ability to compare product alternatives. Designers will be able to receive feedback on the life cycle environmental performance of their designs while they are still evolving.

Special Customer Operations (SCO)

Today's network operators have extraordinary needs: upgrading network capability through the introduction of technological innovations, managing capital and cash flow and creating new revenue. Our customers are faced with an escalating pressure to see their significant network investments of the last few years pay dividends. Lucent's SCO organization helps our customers meet their changing global telecommunications needs by developing cost-effective, creative solutions that enhance networks, maximize investment and leverage environmentally sensitive solutions. By reusing, remanufacturing, adapting, repairing and integrating telecommunications equipment, Special Customer Operations offers a unique, comprehensive solution for maximizing an operator's communications investment over its full life cycle. Assets can be recovered and reapplied to maximize their economic value in an environmentally responsible manner.

Engaging the Community

Communities are much more than geographic locations for our businesses. They are the locations of our employees and an integral part of who we are as a company. Our commitment to safeguarding and improving the environment and quality of life for our communities is a core Lucent value. This commitment continues to shape our discussions, development and actions as we build our business through the 21st century.

Here are some ways Lucent employees work to enrich the communities in which we operate.

Community Safety: Educating, Partnering, Advancing Together

Wireless technology is powering some of the world's fastest communications growth as industrialized countries embrace its convenience and developing nations use it to rapidly build communications infrastructures. That rapid expansion can cause public concern about the impact of exposure to electromagnetic fields (EMF) on the people using wireless phones or living near cell towers. Lucent has worked closely with our service provider customers, government officials, the public and the media in Guatemala, El Salvador and Australia, for example, to research the facts and inform the public. As part of this effort, our technicians did field measurements of the EMF around transmission sites that demonstrated levels were well within safe limits. We have helped our customers respond to the concerns of their communities through a series of formal and informal information sessions and meetings that take the mystery out of wireless technology. We share with our customers and their communities the goal of building safe, effective communications networks for the next millennium.

Respecting the Natural Ecosystem: Lucent Landscapes:
Prairie restorations are programs that return open spaces to local grasses and wild flowers. The results benefit the eye and the pocketbook, beautifying the landscape and saving lawn maintenance fees. Lucent's Lisle/Naperville (L/N), Illinois, campus is a case in point. For the past two years, Lucent has worked with restoration ecologists to select plants native to Illinois and direct proper prairie maintenance. The original prairie at Indian Hill-Main (IH-M) was replanted with about 55 plant species seeded and/or planted at the "new" IH-M prairie. It is regularly maintained.

Restoring the prairie ecosystem enjoys a wide base of interest among our neighboring residents and employee population (many of whom were involved in prairie plant rescue efforts prior to new construction at the facility). But the benefits are being felt well beyond the neighborhood:

- Commuters in the thousands of vehicles passing the site each day enjoy the prairie in bloom throughout the growing seasons.
- The L/N Prairie Steering Committee maintains the "Lucent Landscapes" Web site to educate and broaden interest in restoration ecology.
- Local groups, touring the site, learn about the plants and shrubs, environmental preservation and Lucent's commitment to the natural ecosystem.
- Illinois EcoWatch, a group of citizen scientists coordinated by the Illinois Department of Natural Resources, studied the L/N prairie site to understand Illinois' fragile ecosystems. The group evaluated field test procedures developed by the Chicago Field Museum to examine environmental factors influencing biodiversity in urban ecosystems.

Global Days of Caring—2000

Lucent actively encourages employee involvement in community and charitable activities around the world. Every day, Lucent people make contributions ranging from donating toys, books, clothing and baby supplies to giving blood. But the most visible and dramatic evidence of the commitment of our people may be Lucent's annual Global Days of Caring.

Last year, more than 17,000 Lucent volunteers in 26 countries participated in our Global Days of Caring, giving of their own time to strengthen the communities where they work and live. Projects included: environmental clean-ups, repair of child care and senior citizen centers, fundraising for children's charities and the construction of homes for the homeless.



Spring Cleaning

(Taipei, Taiwan)
A little hard work can go a long way, as volunteers proved on a recent visit to the ancient Confucius Temple. Shiow-Ian Sheu (center), with her children Cheu-gang Huang and Jya-ming Huang (far right), cleaned up the temple grounds and helped with landscaping to keep this amazing monument in great shape.

Reading, Writing, Rebuilding

(Pietersburg, South Africa)
An eight-member team delivered equipment to the Selaelo Primary School and refurbished fences damaged by torrential rains that flooded South Africa's northern province. Surrounded by a sea of smiles, Allan Henderson unpacks a computer donated to the school.





At Lucent's Day of Caring at The Raptor Trust, a volunteer applies a critical second coat.

This Bell Labs EH&S Center's Effort is for the Birds

In April 2000, the EH&S Center organized the efforts of 26 people as part of Lucent's Day of Caring at The Raptor Trust. The Trust is a New Jersey-based organization working to rescue injured and orphaned raptors (birds of prey) and return them to their natural habitat. The efforts of the Lucent employees (146 labor-hours prepping and applying 17 gallons of paint) saved the regular staff nearly two weeks of work, freeing time to focus on mission-critical activities.

Engaging Our Suppliers

The role of the supply chain in achieving our EH&S goals is more critical than ever before. As the company has moved to focus the business, we are shifting from internal to contract manufacturing. We are partnering with suppliers around the globe, at all points in the value chain, to bring the world's best communications solutions to our customers. Our ability to safeguard the environment and reduce customers' Total Cost of Ownership increasingly rests on our ability to assess and drive continuous improvement in supplier environmental performance. To that end, we have made important strides.

Detailed Understanding, Effective Planning

Environmental performance plays a key role in Lucent's eco-supplier assessment. We have developed innovative tools to make the concept of environmental performance specific, measurable, applicable, consistent and traceable for every supplier production location in every industry branch.

Each tool starts with a survey of specific questions on the environmental load of a supplier's production facility: use of materials, auxiliary compounds, water and energy, airborne emissions, waste and packing material. Survey responses are used to create a model that generates a single, easily understood and comparable number representing the environmental performance of each of the supplier's production facilities. The resulting numbers allow us to rank, benchmark and classify performance (good, insufficient, improvement)—information used to manage the supplier relationship.

Improvements Across the Board(s)

Printed circuit boards, a critical element of Lucent's products, come from suppliers with facilities across the globe. Bringing that diverse group into a closely monitored and understood eco-supplier development cycle was a real-world test of Lucent's ability to monitor and manage suppliers' environmental performance.

The first step was an investment in clear communications with more than two dozen suppliers around the world. We identified the right contact people in each facility and gave suppliers five weeks of lead-time to prepare to answer our detailed survey. We carefully positioned ourselves as partners during the process, making a Lucent expert available for support during the entire fact-finding process. The atmosphere was one of collaboration, not "demand and deliver."

The results? 100 percent response rates from our printed board suppliers and a clear understanding that their environmental performance is critical to our business relationship. Using the survey information, we were able to calculate and rank the environmental performance of supplier production facilities and engage in a dialogue on quantifiable, manageable environmental improvement in the management of our global printed circuit board supply chain.

Engaging Industry

Companies doing business in multiple markets (the majority of Lucent's customers) confront a growing set of EH&S regulations that vary by country and region. At this time, more than 25 separate national and regulatory bodies in Europe, Japan and North America have enacted or proposed product-related requirements covering banned or restricted substances, product take-back, reuse and recycling, packaging, labeling and energy efficiency.

EUROPE SETS THE PACE

The European Union (EU) is driving some of the most aggressive and focused work in this area. New directives on electrical and electronic equipment (EEE) will dramatically transform how both Lucent and its customers conduct business—from initial product design, to lead content, to end-of-life-cycle logistics.

- The EEE Directive will have manufacturers incorporate environmental design requirements into products for sale in the EU.
- Another will limit the amount of hazardous waste generated from equipment by requiring safer substances to be substituted for heavy metals (lead, mercury, cadmium and hexavalent chromium) and brominated flame-retardants in new equipment possibly as early as Jan. 1, 2006.
- The directive on Waste Electrical and Electronic Equipment will limit the amount of material going to final disposal by requiring producers to take products back and recycle them.

Lucent actively participates in industry and EU forums—including the European Information and Communication Technology Industry Association—and works aggressively to help shape product regulations.

GETTING THE LEAD OUT

The use of lead in electrical and electronic products used or made in the EU will be prohibited, possibly as early as 2006. That ban poses a stiff challenge to industries manufacturing electronics products where lead, although accounting for only one-half of 1 percent of total product weight, is extensively used in solder, printed wiring board finishes and components.

Lucent is working with U.S. electronics industry consortia to voluntarily establish alternatives for lead. These groups, which are also developing concentration limits for lead-free products and studying the toxicity of lead and potential alternatives, include: the IPC (Association connecting electronics industries), HDPUG (High Density Packaging Users Group), NEMI (North American Electronics Manufacturing Initiative) and NCMS (National Center for Manufacturing Sciences).

Going forward, Lucent will be aligned with the U.S. Industry timeline as defined by the IPC for the elimination of lead from new product introductions. Under the IPC's roadmap, manufacturers of telecommunications infrastructure-type equipment should voluntarily have their first lead-free product introductions between 2002 and 2005, in advance of a possible EU target of 2006.

Lucent is committed to **safeguarding our customers' trust** as we work with our suppliers throughout the world to deliver leading-edge products that consistently meet customers' needs and help improve the environment of an increasingly interconnected world.



Recognition

The following represents some of the most recent awards and recognition received by Lucent Technologies for its EH&S performance and contribution.

- **Thailand National Safety Award**
  Thailand's Minister of Labor & Social Welfare Ministry presented **Microelectronics (ME) Thailand** the national safety award. To earn the award a facility must demonstrate achievement of a Safety and Health Management System by displaying excellent accident-free records and good management practices. An eight-member team from the Ministry's Department of Occupational Safety & Health audited ME Thailand twice to verify the submission. Only 28 companies in Thailand met the strict selection criteria.
- **EPA WasteWise Program Champion Award**
  Lucent's Real Estate (LRE) managers accepted the U.S. Environmental Protection Agency's WasteWise 2000 Program Champion award in Washington, D.C. WasteWise partners commit to implementing waste reduction activities of their choice in three program areas: waste prevention, recycling collection, and buying or manufacturing recycled-content products. In earning this distinction, LRE:
  - Eliminated nearly 240 tons of waste paper and saved more than $200,000 by increasing the use of electronic commerce and reducing hard copy communications.
  - Worked with vendors and suppliers to reduce more than 50 tons of cafeteria waste.
  - Donated more than 290 tons of food scraps to local farmers to feed animals.
  - Spent $1.37 million on recycled-content products.
  - Recycled more than 80 percent of the waste generated at its WasteWise facilities (7,920 of 9,570 tons) as a result of its REDUCE-REUSE-RECYCLE program.
- **Morris County (N.J.) Municipal Utility Authority Award**
  Mount Olive, N.J., packaging engineer **Lorenzo De Cillis** was recognized for his returnable packaging reduction program.
- **Solid Waste Authority of Central Ohio Waste Reduction Award**
  Lucent's **Columbus Works** was recognized in November 2000 for its contribution to the Ohio solid waste management goal of reducing industrial solid waste 50 percent by 2001. Between 1989 and 1999, the Columbus Works cut in half the amount of solid waste sent to landfills.
- **New Jersey Water Environment Association Industrial Compliance Award**
  Dane Martindell of Lucent Real Estate was honored for excellence in environmental compliance for his role in the operation of the Holmdel, N.J., Wastewater Treatment Plant.
- **New Jersey Business & Industry Association (NJBIA) "Honor Roll" Award**
  NJBIA's Awards for Excellence program, established in 1984, recognizes companies of all sizes for outstanding achievements in three areas: environmental quality, human resources management and job creation. Winners are companies that go that extra mile to enhance the environment and care for their employees. Bell Labs was honored in the Environmental Quality category for its ISO 14001 certification, Oct. 17, 2000.
- **Voluntary Protection Programs OSHA STAR STATUS**
  The Voluntary Protection Programs (VPP) are designed to recognize and promote effective safety and health management. A VPP facility must meet rigorous criteria, including:
  - Injury and illness below industry average
  - Programs in place to control health and safety
  - Written documentation
  - Successful audit by an OSHA group that tours the facility and interviews employees at random

In 2000, Lucent earned Star Status for facilities housing more than 31,000 employees: Lisle/Naperville, Ill., Merrimack Valley (Mass.), and Whippany, Holmdel and Murray Hill (Lucent corporate headquarters) in New Jersey.

For more information, please visit: http://www.osha.gov/oshprogs/vpp/overview.html

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Environment, Health and Safety Heroes

A hero is anyone who transcends the ordinary, who challenges accepted practice to create a better world. Each year, Lucent Technologies recognizes our Environment, Health and Safety (EH&S) Heroes—those who have shown how individual and team commitment and effort can improve our workplaces, communities and lives.

"Environmental awareness and leadership are more important than ever in today's business world," says John Pittman, vice president, chief quality, environment, health and safety officer. "In addition to creatively solving existing problems, we need to think ahead in order to avoid new ones. Our heroes help model the qualities we need in order to succeed, both as a business and as people who live in an increasingly interconnected world."

A team of judges from Renew America, a nonprofit environment, health and safety awareness organization, evaluated 48 nominations from Lucent locations around the world to pick this year's EH&S Heroes. Each award includes a $1,000 contribution to the nonprofit environment, health and safety organization of the award recipient's choice. This year's EH&S Heroes represent every business unit and region where Lucent conducts business.

Here, by category, are the achievements that earned the 2000 EH&S Hero awards.



In Ireland, several members of INS's Blanchardstown team hoist a few pounds of the 94 tons of waste they recycled in four months. From left are Oliver Daly, Brian Collier, Catherine Fisher, Joan Mulvihill and Anthony O'Sullivan.



Improving mental and physical health is the goal of the Lucent YXQ Club. Members Michael Hao (above, clockwise) Huihong Hao, Robert Calafiore, Matthew Morley (middle), Stefan Tanasijczuk, Pi-Chun Chen and Brigitte Creech have reaped significant benefits from practicing simple breathing and posture techniques.

Program Effectiveness

Waste Not

Ireland's landfills are close to capacity in a country where recycling is just beginning to catch hold. In just four months, the Blanchardstown InterNetworking Systems team set up and began an integrated recycling plan that recovered 94 tons of waste otherwise headed for the landfill—an 85 percent recovery rate.

The Quiet Hum of Safety

The nine fiber rewinds in the Shanghai Fiber Optic workshop perform a critical function in production. Thanks to this team's creative—and cost-effective—improvements, they do it more quietly and efficiently than ever before. Noise was reduced to one-fifth the previous levels, and redesigned safety guards let workers safely operate the machines at higher, more productive speeds.

Lowering the Pain Level

Repetitive strain injuries (RSI) can be very painful for both individuals and a business' productivity. In the Netherlands, a comprehensive RSI Prevention Program looks at every factor—from the proper furniture to education, to medical treatment—to lower the impact of RSI, as much as possible, for the employees at all Lucent locations in that country.

Management Practices

Clean Water, Act I

Glass tube fabrication is central to the Norcross, Ga., manufacturing plant, but it strained the capacity of existing water treatment facilities because of the quantity of suspended solids and tetramethyl ammonium hydroxide (TMAH) produced. Gwinnett County redirected the waste stream from a single large plant to a series of smaller ones that couldn't handle TMAH levels. The solution: The team developed an effective new TMAH removal system that saves Lucent more than $20,000 a day.

Clean Water, Act II

Water was also a problem at the Campinas site in Sao Paulo, Brazil—with the availability, expense and quality from the local supplier questionable. Today, all potable and service water is supplied by a newly designed Lucent system of storage tanks and deep wells. Consumption and expenses are lower and, even more important, Lucent's employees can count on their own steady supply of clear, clean water. The program resulted in a cost saving of US$38,850.

Putting Policy into Practice

Lucent's EH&S management strategy is carefully planned, but it only takes real form through the efforts of individuals. Jose Maria Yanez coordinated every Lucent installation project in Spain with a commitment to safety and integrated management that took in all outsourced services, contract managers and OEM suppliers. The result? Not a single lost-workday accident since June 2000.

Certifiably the Best

In the worlds of Quality and EH&S, a series of numbers and letters define accomplishment: ISO 9002, ISO 14001 and OHSAS 18001. Winning any of those certifications is a testament to exceptional achievement. Starting from scratch, the team at Lucent Technologies Singapore earned all three simultaneously—a first in our industry in Singapore.

Social Responsibility

Green Today, Green Tomorrow

Less than 20 miles from Lucent's Murray Hill, N.J., headquarters, Shaun Van Doren led the effort to preserve 682 acres of farmland under seige from suburban development. He instructed, negotiated and partnered with farmers, landowners and local, county and state officials, in an effort that saved farmland from being turned into housing developments.

Healthy Bodies, Healthy Minds

A widely diverse cross-section of Lucent employees and community members at Allentown, Pa., Westminster, Colo., Columbus, Ohio, and nearly a dozen locations in New Jersey are learning and practicing Yan Xin Qigong (YXQ), a mind and body training discipline rooted in ancient Chinese culture. The members of the Lucent Yan Xin Qigong Club have documented significantly improved health and well-being since beginning their regular practice.

Planning for the Future

Building EH&S into Buildings

Making EH&S an integral part of "business-as-usual" is a key to our future success. Lucent Technologies of Shanghai is literally building that focus in as it plans for major new construction. Architects, planners and contractors are working to make sure that every aspect of the job—from supplier selection to contractor training to building materials—considers and meets EH&S requirements.

A Progressive Attitude Toward Assembly

Before the Columbus Works tooled up for the new Flexent™ Ultralinear Amplifier it took a brand new look at an out-dated assembly process. By planning ahead and designing EH&S considerations into a new, progressive assembly line, the jobs of assembly technicians became easier, build times shortened by 44 percent and first test yields grew 61 percent.



Summary

As we look to the future, in a world of ever-evolving laws and regulations, of increasing competition, our EH&S community is continually finding ways to reinvent itself. For us, the next generation begins today—whether it's helping to design the networks we deliver to our customers or implementing innovative and proactive EH&S goals, strategies and programs. We remain committed to acquiring, developing and retaining the EH&S talent needed to create a diverse and global EH&S community with the ability and motivation to stay in front of the demands of change.

Lucent's commitment to EH&S performance stands. It is part of who we are as a company. It is part of what we need to do to excel in the marketplace. We are proud of what we have achieved, but we also know that the demands on EH&S performance, like everything else, are escalating. We believe that the story told in the Lucent 2000 EH&S Annual Report demonstrates that we are up to delivering business results today and meeting the challenges of the future.