

Energy \$\$\$ Saved at PPPL

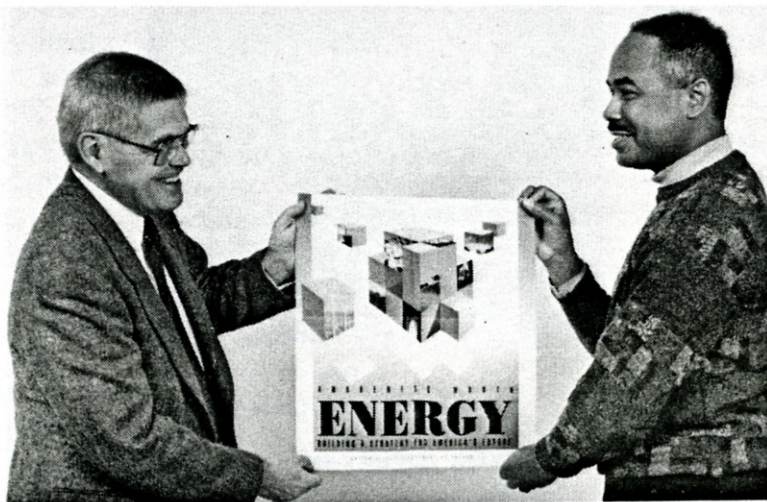
December Is Energy Awareness Month

Energy: Building a Strategy for America's Future is the theme for Energy Conservation Month to be celebrated in December at PPPL. Indeed, Laboratory staff members have good reason to celebrate. From base year FY85 (Fiscal Year 1985), the Laboratory achieved a historic high total energy savings of \$2,555,200, according to Bob Gulay, Manager, Energy and Utilities.

For FY90, the percentage energy reductions compared to FY85 were:

- Buildings—19%,
- Process (formerly titled Experimental Operations)—29%,
- Transportation/Gasoline—51%, and
- Diesel—36%.

Don Greene, Coordinator of the Energy Management Program for the Department of Energy's Princeton Area Office congratulated the



Don Greene (right), Coordinator of the Energy Management Program for the Department of Energy's Princeton Area Office, congratulated the Lab on the success of energy conservation efforts. Here he presents Harry Howard, Head of Facilities Engineering, with the 1991 Energy Awareness Month poster.

Photo: Denise Applewhite

Lab on this record. He said, "Through this excellent record of energy savings, you have accomplished two things—you have reduced our consumption of valuable national resources and you have contributed to our scientific accomplishments. Keep up the good work, and keep on thinking *energy conservation*."

Says Head of Facilities Engineering Harry Howard, "The cost

of energy, in the form of electricity, natural gas, and oil, to accomplish Lab objectives has always been a significant part of our annual budget. The significant savings we have achieved is the result of careful energy management practices by TFTR, PBX-M, and all supporting staffs and shops."

This energy management includes innovative energy conservation measures and engineering techniques, sophisticated com-

puter-controlled energy management systems, in-place operating energy retrofit projects, and of course, employee energy awareness.

In fiscal year 1985, the DOE initiated and PPPL began a ten-year energy conservation program with the goal of reducing energy use by 10% in the areas of Experimental Operations, Buildings, and Vehicle/Transportation. Says Gulay, "With this year's excellent record, we're well on our way to meeting the Department of Energy's goal of a 10% reduction in each mandated area, and at the same time maintaining the Laboratory's mission. When our energy conservation program succeeds, research and experimental efforts are benefitted, so let's all keep up the fine work!"

Bush Energy Statement

When proclaiming Energy Awareness Month, President Bush said, "*Continuing instability and conflict in some regions of the world underscore the need to use energy efficiently; to reduce our dependence on insecure sources of energy; and to develop more energy resources. Our comprehensive National Energy Strategy calls for the wise and effective development of all the Nation's energy resources and the development of new technology for oil and gas exploration, increased use of alternative fuels, and aggressive conservation.*"

Lab's First Attorney on Board

Any complex venture with a budget of 100 million or more a year and close to 1000 employees needs the services of a lawyer, and PPPL is such a place. Fortunately, as of June, 1991 the Lab has attorney Richard Kaeser on board to handle the myriad legal issues that arise. Until he came, Lab legal matters were handled by Princeton University attorney Howard Ende.

According to Kaeser, legally related work at the Lab may range from contracts with the Department of Energy and with subcontractors to environmental assessments, personnel issues, and technology transfer. Says Kaeser, "I also participate in ongoing regulation review, and since coming to the Lab, I've commented on five separate major DOE regulations, the latest of which concerns the implementation of the Freedom of Information Act."

Ed Winkler, Head of the Office of Resource Management (ORM), appreciates the benefits of having counsel directly available at the Lab—particularly in the areas of procurement, finance, and primary DOE contract interpretation. He explains, "Approximately \$32 million of goods and services are acquired by the Procurement Division on an annual basis. Accordingly, there are significant opportunities for the Procurement staff to maximize the value of the Laboratory's funding. Having ready access to legal counsel supports this process." Winkler adds, "In the accounting and financial administration area, we must follow complex DOE orders which an attorney can research and help us interpret. It's also convenient to be able to walk down the hall and get a learned opinion on

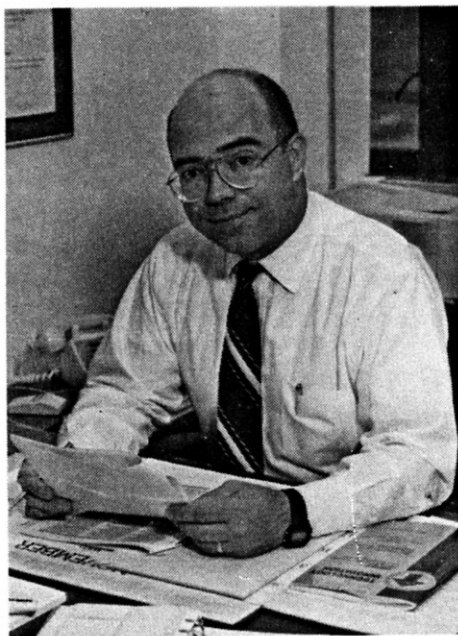


Photo: Denise Applewhite

Attorney Richard Kaeser.

how certain matters are required to be handled in order to be consistent with the requirements of our prime contract with DOE. Discovering what is allowable is no small task, given a contract document that includes 105 articles and nine appendices."

Winkler summed up his assessment by saying, "I have, over the past several months, solicited Rich's opinion on a number of matters, and accordingly have learned to value his judgement."

Kaeser is extremely enthusiastic about his work at PPPL, saying, "This is a very stimulating, challenging job

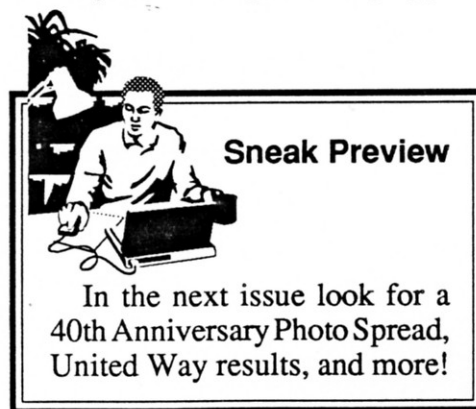
with a great deal of variety. I've found the people here helpful, supportive, and interested in the issues that arise, and that makes the job very enjoyable. Most important, it's clear to me that the Lab's mission may be equal in potential positive results to the invention of fire—perhaps the most important technological endeavor in the world right now."

PPPL is fortunate to have an attorney who has in-depth experience both in government-related legal work and in technology. Kaeser earned a B.S. degree in Mechanical Engineering at the Air Force Academy, and then went on to take a master's degree in Public Administration, which involved, among other things, computer modeling of environmental systems.

Recognizing the need for attorneys in the environmental area, Kaeser then participated in a competition through which he was chosen to attend law school at the University of Dayton under the auspices of the Air Force. He went on to receive a Master of Laws in Government Procurement at the National Law Center at George Washington University in Washington D.C., where he wrote his thesis on technology transfer.

Kaeser says, "During twelve years of doing government contracts work and procurement, I participated in the development of almost everything that flies—both airplanes and missiles." At Wright Patterson Air Force Base, near Dayton, Ohio, and at other locations, he worked on several large research and development projects. He wrote several proposals that later became statutes and is the principal author of at least three separate sections of

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Attorney on Board

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the Federal Acquisitions Regulations.

Most recently, Kaeser worked for the Pentagon, doing litigation in the United States Claims Court and Federal District Courts. With 20

years in the Air Force, he retired and took his first civilian position as an attorney with PPPL.

Kaeser now lives with his wife JoAnn and two sons, Christopher and Matthew, in Plainsboro, NJ.

TRANSITIONS

New Hires

Welcome to PPPL employees recently hired in the following areas:

Emergency Services Unit
Ellen Riscoe, Secretary

Facilities Engineering

Warren West, Electrical Planner
Robert Crawford, **Gerard Rullo**, and **Ed Semeta**, Plant Operations Technicians

Environment, Safety and Health

Michael Langdon, Industrial Engineer

Steve Williams, Health Physics Technician

Human Resources

Margaret Young, Head of Human Resources Division

Materiel Control

John Bennevich, Inventory Management Supervisor

Resource Management

Christopher Clark, Senior Budget Analyst

Elena Staloff, PMS Analyst

Births

Best wishes to **Joan Orlopp** of the Computer Division and her hus-

band **Robert** on the birth of their son **Michael** on September 7.

Congratulations to **Jim Scott** of Materiel Control and wife **Robin** on the birth of their son **James M. IV** on September 18.

All the best to baby girl **Alexandra**, born October 22 and proud parents **Sharon** and **Jim Snyder**. Jim is in the Computer Division.

Best wishes to **Rich Gallagher** of the Facilities Engineering Department and wife **Tina** on the arrival of daughter **Amanda** born October 23.

Sharon Brown, PPPL Library Special Collection Assistant, and husband **Craig** became proud parents on October 29 with the birth of baby girl **Amanda Michelle**. Congratulations!

All the best to **Kenneth Silber** of the Computer Division and wife **Linda** on the birth of daughter **Emily Fairbanks** on November 3.

New son **David James** was born to **John DeLooper** of ES&H/QA and wife **Carol** on November 6. Congratulations!

HOTLINE

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Ideas Needed

Got a hot tip for HOTLINE? Your story and photo ideas are what make your newsletter lively and relevant, so please call Carol Phillips at Ext. 2754 or fill out the coupon below, and we'll work with you to get your idea in print.

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HAPPY THANKSGIVING

What's Happening at PPPL?

PPPL Holiday Dates

Pull out your calendar and mark these dates. Then plan a wonderful holiday season. You'll have 12 days off starting with the weekend of December 21. The Lab will be closed from Monday, December 23 through Wednesday, January 1.

Of these dates, December 24, 25, and 31 plus January 1 are University holidays. For December 23, 26, 27, and 30, you have the option to charge all four days as vacation or to use your two optional holidays in conjunction with two vacation days. Speak to your supervisor if you have special problems.

Paychecks

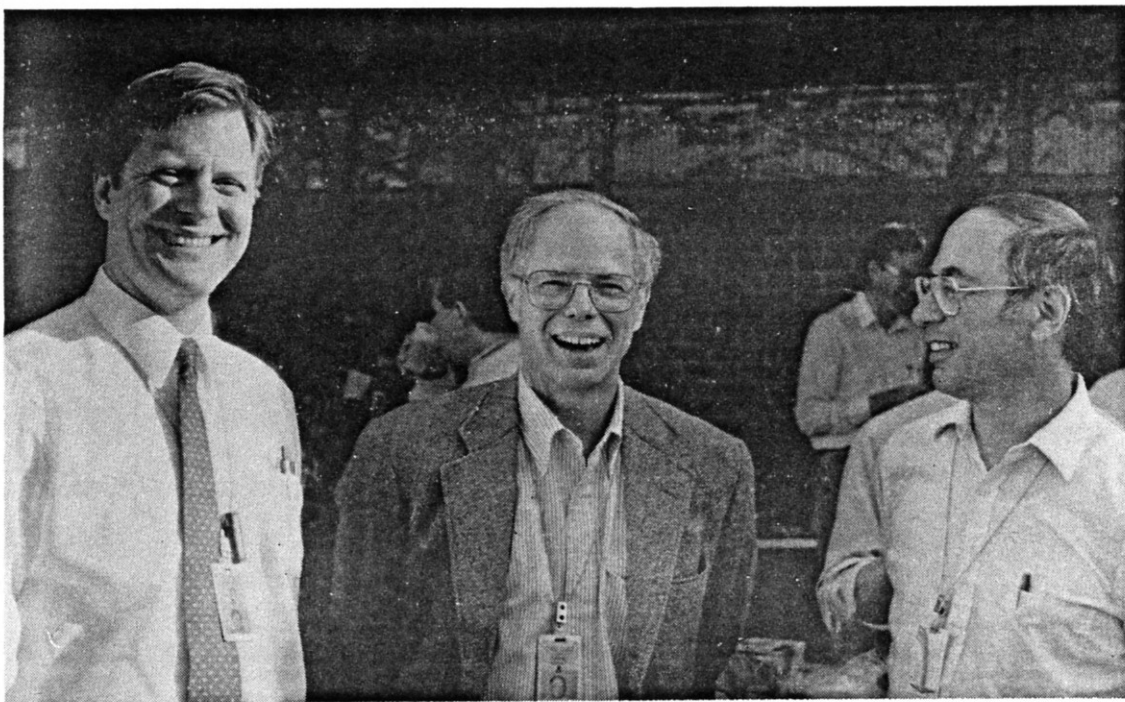
Exempt and bi-weekly paychecks will be distributed on Friday, December 20. Hourly staff can pick up paychecks on Friday, December 27, between 9 a.m. and 12 noon in the Payroll Office, Mod II. Enjoy!

Princeton Bans Kegs

Citing continuing concern about "excessive and abusive" use of alcohol at the University, Princeton President Harold Shapiro announced a year-long, campus-wide ban on beer kegs and beer balls for the 1991-1992 academic year.

According to the September 2 *Princeton Weekly Bulletin*, the ban applies both to students and faculty, administrators and others both on campus and in off-campus settings at University sponsored events. This ban includes PPPL and must be followed during all holiday parties.

Because of the ban, more cans and bottles will be used, and President Shapiro encouraged appropriate recycling measures. The policy will be thoroughly discussed and reviewed at the end of the 1991-92 academic year.



Ned Southoff (left), Head of the Physics Department and of the PBX-M Project celebrates resumption of PBX-M operations along with David Ignat, PBX-M Physicist, and Ernie Valeo of the Theory Division during a party in the LOB courtyard. The party was hosted by the PBX-M team and the rest of the Physics Department on October 8.

Photo: Johanna Van Wert