

## TFTR Wins NRC Safety Award

Between November 5, 1987 and December 31, 1990, the TFTR Project logged more than 1.6 million employee-hours without an occupational injury requiring staff to remain away from work. For this outstanding safety record, the National Safety Council gave a 1990 Award of Honor to TFTR. Dr. Paul Ziemer, Assistant Secretary for Environment, Safety and Health presented the award on January 21 in the M.B. Gottlieb Auditorium.

Ziemer noted that Secretary of Energy James D. Watkins had presented the TFTR Project with a safety citation last May, but that to

have an outside organization recognize and award this accomplishment was particularly gratifying.

In his letter to PPPL Director Ron Davidson, Secretary Watkins said, *"This is truly an outstanding accomplishment of which you and the TFTR team should be justifiably proud."* He added, *"Please accept my sincere appreciation for demonstrating that scientific progress and safety can work hand-in-hand in an energy research development program."*

Dale Meade, Deputy Director of PPPL, thanked all those responsible for this outstanding safety

record and said, "It's important that environmental, safety, and health issues continue to be a high priority, especially for the deuterium-tritium phase, set for a 1993 timeframe." In that regard, he noted that TFTR has now extended its ongoing safety record to more than four years and 2.4 million employee work hours without a lost time accident as of December 31, 1991.

Among those present at the award ceremony were: Princeton University Provost Hugo Sonnenschein; N. Anne Davies, Associate Director for Fusion Energy, Office of Energy Research;

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## Astronauts to Speak—National Engineers Week

### PPPL to Host Reception

National Engineers Week, February 16–22, promises to be the largest, nationally, in the Week's 42-year history. PPPL will join the University in a celebration with the theme *Engineers: Turning Ideas into Reality*. Because 1992 is International Space Year, this theme will also be part of planned events, with two astronauts appearing during the week.

#### PPPL Involvement

Wednesday, February 19, dubbed "E" day—for both Engineering and Exploration—is the focal point of PPPL activity, according to Mike Williams, Head of the Laboratory's Engineering Department. Between 12 and 1 p.m. a

Brown-Bag Luncheon and Careers Program will be held in Dillon Gym.

***"Engineers Week will provide an excellent opportunity for the engineers at PPPL to work cooperatively with Engineering School faculty towards the goal of encouraging young people to enter the field."***

During this time, PPPL engineers will join other engineers and Princeton engineering students to

talk with elementary and secondary school students about careers in engineering and related fields. PPPL tours are scheduled for the students at 1:30 and 2:30 p.m.

Says Williams, "Engineers Week will provide an excellent opportunity for the engineers at PPPL to work cooperatively with Engineering School faculty towards the goal of encouraging young people to enter the field."

That afternoon at 2:30, PPPL engineers and other interested staff are invited to hear Astronaut Lt. Col. James Adamson speak during a technical seminar in Dodd Auditorium of Princeton University's Woodrow Wilson School.

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# TFTR Safety Award

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David T. Goldman, Acting Manager of the Department of Energy's Chicago Field Office; and Carol Borgstrom, Director of National Environmental Policy Act (NEPA).

During a brief talk after the ceremony, Ziemer noted that the DOE Tiger Team process is almost complete. During FY92, short notice "Progress Assessment Probes" will be made at DOE facilities to follow up on Tiger Team findings. According to Ziemer, "We will be examining selective issues and selective corrective actions. Our intention is not to be intrusive, but to look for progress. In the future, self-assessment will be stressed."

Ziemer ended his talk by noting that fusion is one of the most promising areas of energy research.



**Area Safety Coordinators (ASCs) representing each division of the TFTR Project accept the National Safety Council's 1990 Award of Honor from Paul L. Ziemer (far right), Assistant Secretary for Environment, Safety and Health for DOE. The ASCs are (left to right): Roland Sneed, D-T Engineering; Jim Gorman, Diagnostics; Fred Simmons, Jr., Heating Systems; Pat Shangle, TFTR Office area; and Carl Bunting, Tokamak Operations.**

Photo: Denise Applewhite

## National Engineers Week

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Immediately after the talk, PPPL will host a reception in the Princeton University School of Engineering Faculty Lounge and Convocation Room. Says Williams, "The reception will be an excellent time to interact with Princeton faculty and students, and I hope our engineers will take advantage of this opportunity."

### Other Activities

At Princeton, activities will occur throughout the week. These include: exhibits, hands-on projects for students, forums, and talks. For a complete schedule, contact Mary Ann Brown at ext. 3045.

One highlight will be an exhibit from the Smithsonian Museum titled "All Systems Go: America's Space Transportation for the 1990s." It will be on exhibit starting February 17 in the main lobby and other areas of the School of Engineering and Applied Science.

Another important event is a presentation by Astronaut Captain Susan Helms (USAF) titled "Women in Space" to be given on Saturday, February 22 at 1:15 p.m. in room 104 of the Computer Science Building (across the street from the Engineering Quadrangle.)

The emphasis on a group that has traditionally not been well represented in engineering is particularly significant in light of the fact that of the 68,824 undergraduate engineering degrees granted in 1989, only 15 percent went to women, three percent to Blacks, and four percent to Hispanics.

The need to draw from a larger applicant pool will increase during the 1990s. This is a result of the fact that the demand for qualified engineers is expected to increase while the number of young people attending college will decrease as the college-age population decreases.

### George Washington—an Engineer

National Engineers Week is always celebrated around George Washington's birthday. This is most appropriate since Washington was a military and agricultural engineer. He founded the first United States Engineering School at Valley Forge, Pennsylvania. The School later became the U.S. Military Academy at West Point, New York.



**NATIONAL  
ENGINEERS WEEK  
February 16-22, 1992**

# ESB Gets New Name

## Subcommittees Established

The Executive Safety Board, commonly referred to as the ESB, has been renamed the ES&H (Environment, Safety and Health) Executive Board. At its January Meeting, the Board accepted a proposal to rename the group based on the Department of Energy's continued emphasis on environment, health, and safety.

The Board, which meets periodically, is responsible for reviewing all ES&H functions and for determining if the programs in place are working effectively. The Board measures the effectiveness of the programs by reviewing occurrence reports, audit reports, self-assessment documents, and other information presented by subcommittees that report to the Board.

Three subcommittees have been established by the ES&H Executive Board. They are: the Safety Review Committee, the Environmental Review Committee, and the ALARA (As Low As Reasonably Achievable) Review Committee.

These subcommittees perform reviews of documents to make sure they address specific ES&H issues, as well as review accident reports, occurrence reports, and other documentation that are presented to the Board. The subcommittees are charged with determining whether any new or existing system should be revised to prevent reoccurring problems. As the names imply, the Safety Review Committee deals with safety issues, the Environmental Review Committee deals with environmental issues, and the ALARA Review Committee deals with minimizing exposure of workers to radiation sources. The sub-

committees address DOE Order requirements as well.

Senior Laboratory Department Heads comprise the ES&H Executive Board. Each is permanent member of the Board. Resource members support the Board.

The Subcommittees are comprised of permanent members, as well as appointed members. The appointed members are chosen so that various levels of the Laboratory organization are involved in the process, which assures the Laboratory's ES&H programs are effective. Appointments are for two years and are made by Department Heads. To insure input from the Area Safety Coordinator/Cognizant Area Supervisor Program, representatives from the program are appointed by the Associate Director for ES&H/QA to serve on each of the subcommittees.

The mission statement for each subcommittee is given in the the Policy/Organization Manual as follows:

- O-021, ES&H Executive Board Charter,
- O-022, Safety Review Committee Charter,
- O-023, Environmental Review Committee Charter, and
- O-024, ALARA Review Committee Charter.

The charters define why a committee was formed, the membership of the committee, and the committee's responsibilities. If you would like additional information, copies of the Policy/Organization Manual are available in the PPPL Library.

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## Congressman Skaggs Visits PPPL

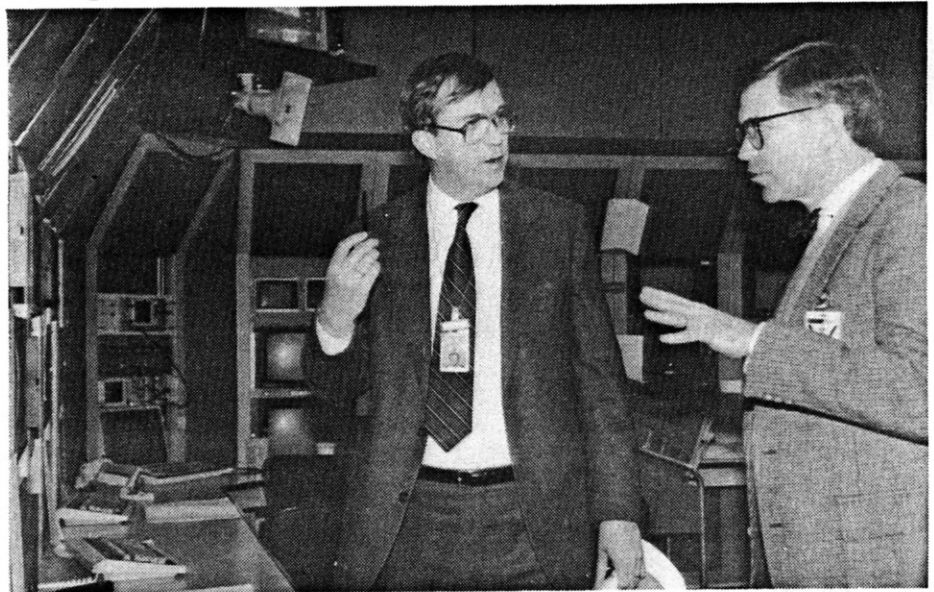


Photo: Denise Applewhite

**Congressman Richard Skaggs (right), recently took a tour of TFTR with Project Head Rich Hawryluk. Here, the two are in the TFTR Control Room. Skaggs is on the Energy and Water Subcommittee of the House Appropriations Committee.**



# Soccer Very Popular at PPPL—Then...

Like other sports, such as golf, running, biking, baseball and bowling, soccer has a home at PPPL. And its players are loyal and persistent—barring heavy rain, sleet or snow, you can find a game going any Monday, Wednesday or Friday at noon in the Lab's picnic area. Actually, soccer season knows no end here—the endless game is played summer, fall, winter, spring!

The year-round soccer tradition at PPPL is nothing new. Larry Johnson learned to play soccer when he took the game up here 17 years ago, and Norton Bretz has played faithfully for 15 years (except after he broke his toe on the playing field). Yet they are not the founders of the ongoing soccer fiesta.

Jim Sinnis has been playing even longer, but says that the true origins of soccer at PPPL are lost in the mists of time. He remembers, "At one time we had no goal posts, so we'd just throw a sweat shirt or a pair of shoes down on either side and you had to hit the ball between them." Johnson says, "I took up soccer when I reached the age where physical exercise became really necessary. I needed a goal, and soccer provided that. I stick with it because it's fun and keeps me active without having to organize something myself."

Notes Bretz, "We have people with all skill levels—from true beginners to a couple of people who have been actual soccer pros. Dave Hwang, now a former PPPL employee, had been a professional player. Age is no barrier either. Players range from graduate students to retirees who come back just to join our games."

Adds Bretz, "Staff from sev-



**Back in November of 1977, "Mel's Marauders" dedicated themselves to enjoying a good soccer game. Mel Gottlieb is front and center holding the ball. Ready for some fast and furious fun are, standing, left to right: Earl Tanner, Ed Frieman, Mary Alice Eubank, Adil Hassam, Charlie Daughney, Schweickhard von Goeler, Bill Griesmeyer, Dave Johnson, Larry Johnson, unidentified, Jim Sinnis, Howard Richter, Phil Thompson, and Stefano Bernabei. Kneeling are: T-K Chu, Pete Schmidler, Steve Davis, Mel Gottlieb, Peter Mathe, Szymon Suckewer, and John Edwards.**

Photo: John Peoples

eral Lab departments and from many countries play, so it's a cross-cultural as well as a cross-departmental game. We also have players join us from other groups here at Forrestal campus, such as GFDL (Geophysics Fluid Dynamics Laboratory at B-Site). And we've had scrimmages with Squibb."

Some of the more ambitious players carry their love of soccer into an ongoing Sunday afternoon game with the Mercer County League. They now play under the name "Princeton United," because players come both from PPPL and from main campus. In the past, league players have gone forth un-

der such monikers as "Mel's Marauders" (as in Mel Gottlieb) and "PPPL Tigers."

New players are always welcome. You can just come on out to the field any playing day, or call Norton Bretz for more information at extension 3155. Naturally, a medical ok is recommended before taking up any strenuous sport.

Here's a list (not inclusive) of many of the soccer players who have graced PPPL games. [For some, play has been mainly limited to the competition between PPPL and General Atomics in San Diego during the annual American Physical Society (APS) Meeting].

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*Some of the Princeton United soccer team for the YMCA League gathered around for a photo during the 1990 Fall Playoffs. Standing are, left to right, Tim Bennett, Chris Strychaz, Steve Vandermark, Bill Blair, Karl Krushelnick, Alex MacAulay, Ted Jones, and Cary Forest. Kneeling are: Norton Bretz, Ihab Darwish, Kevin Ilcisin, Bill Tighe, and Mike Angelotti with pet dog Andre.*

Players past and present are: Phil Andrews,\* Jose Aquino, Nobuyuki Asakura (visiting from U. of Tokyo), Tim Bennett, Stefano Bernabei, Manfred Bitter, Bas Braams, Norton Bretz, Marco Brusati,\*\* Morrell Chance, T-K Chu, Jack Connor,\*\* Jeff Cordey,\*\* Sal Brizuela,\* Steve Davis, Charlie Daughney,\* Tom Delworth (GFDL), Pierre Duperrex,\* John Edwards,\* Cary Forest, George Gamel,\* Ray Grimm (deceased), Otto Griesbach, Bill Griesmeyer,\* Paul Hagar, Gary Hay,\* Adil Hassam,\* Bill Heidbrink,\* Jack Hoff,\* Rush Holt, Dave Hwang,\* Kevin Ilcisin,\* Dave Johnson, Larry Johnson, Ted Jones, Stan Kaye, Alice Koniges,\* Karl Krushelnick, George Levitsky,\* Ernest Lo, Doug Loesser, Alex MacAulay, Ernesto Mazzucato,

Miguel Martinez (retired), Peter Mathe,\* Dale Meade, Bob Mika, Dennis Mueller, Don Monticello, Mark Oldaker, Hyeon Park, Manuel Peraza, Neil Pomphrey, Steve Raftopoulos, Howard Richter (retired), Lane Roquemore, Peter Schwartz, Steve Scott, Pete Schmidler,\* Jim Sinnis, Gretchen Skelly, Pat Simon,\* Ann Stepanek, Harry Stevens,\* Jim Strachan and sons Doug and Gordon, Szymon Suckewer, Ted Terpstra, Phil Thompson,\* Bill Tighe, Edwin Tolnas, Schweikhard von Goeler, John Wheeler, John Wesson,\*\* John Wright, Ken Young, and Mike Zarnstorff.

\*formerly at PPPL.

\*\*JET Visitors.



## Prospect House Brunches Begin

A special Valentine's Day Brunch on Sunday, February 16, will kick off a new season of Sunday Brunches at Princeton University's Prospect House, according to PPPL's Sally Connell. She is a member of the Prospect Association Managing Board.

All Laboratory employees who have a Princeton University I.D. may participate in Prospect House events. Sunday brunch is \$15.50 and includes complimentary champagne. Children under ten may eat for half price. Reservations are suggested and may be made by calling 7-3455.

## HOTLINE

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# TRANSITIONS

## Promotions

**Dolores Bergmann** has been promoted to Secretary 8 in the Physics Department where she works for Ned Sauthoff.

**Douglas Matthews** has been promoted to Lead Janitor from his previous position as Janitor in Facilities Engineering.

**James McGuire** has been promoted to Emergency Services Unit (ESU) Supervisor. He was previously a Fire Captain.

**Gregg Tompkins** has been promoted to ESU Specialist from his previous position as Fire Captain.

**Suzanne Willitts** has been promoted to Staff Assistant in the TFTR Operations Center from her previous position as ESU Officer.

## New Hires

We welcome the following recently hired PPPL employees in the following areas:

### *Director's Office*

**Robert Redding**, Science Education Staff Assistant

### *Environmental Safety and Health (ES&H)*

**George Ascione**, Health Physicist

**David Speed**, Health Physicist

### *Emergency Services Unit (ESU)*

**Michael Brown**, ESU Officer

**John Maddox**, ESU Officer

**Kenneth Pagurek**, ESU Officer

### *Facilities Engineering*

**Wilbert Barlow**, Janitor

**Bertram Morris**, Plant Operations Technician

**Andrew Carpe**, HVAC Technician

### *Hazmat*

**Helen Anane**, Data Processing Assistant

### *Quality Assurance, Quality Control (QA/QC)*

**Frank Malinowski**, QA/QC Engineer

### *Research*

**James Rogers**, Associate Research Physicist

### *Telecommunications*

**Matt de Sherbinin**, Staff Assistant

## Retirement

**Donald Harnsberger** lead engineer in the Engineering Department, retired as of February 1st. He had been at PPPL for twelve years.

**Happy  
Valentine's  
Day**