

Controller On Board

by Carol Phillips

Edward (Ed) H. Winkler joined the Laboratory as Controller on February 27th. Before coming to PPPL, he was Director of Finance for GE's Government Communications Systems Divisions in Camden, New Jersey. This Division was responsible for developing the communication system used on the Space Station and various other communications equipment principally for the Department of Defense.

Born in West Germany, Mr. Winkler came to New Jersey with his parents when he was five years old. He received a B.A. in Business Administration from Rutgers in 1972, his M.B.A. from Drexel University in 1975, and a J.D. (Juris Doctoral) from the Delaware Law School in 1978. Winkler is a member of the New Jersey Bar, and he can, although he quickly pointed out he doesn't, practice law in the state of New Jersey. "I wouldn't feel very comfortable giving people legal advice because the law is so specialized these days. But, in terms of being a financial person, it's been a good addition to my background because it's hard to be in finance and not get involved in contractual issues. That's where the legal background has really helped," he said.

Mr. Winkler reports to Deputy Director for Administrative Operations James Clark. He has responsibility for the Accounting and Financial Controls Division, the Budget Office, and the Information Resources Management Office.

In the short time he has been at the Lab, Winkler has met with all the employees in his organization. He commented, "I am very much impressed with the personnel in the Controller's Office. In fact, that has been a pleasant surprise. My initial impression is that this is a high-quality organization which has done a lot of positive things for the Lab over the last several years. I am excited about the prospect of having such



(Photo by Dietmar Krause)

Edward (Ed) Winkler, new PPPL Controller.

a competent organization to work with and look forward to providing the Laboratory with first-rate financial support."

Mr. Winkler recognizes that working at PPPL will be different than working in industry, where he has worked for the past 16 years. At the Laboratory, he will not have to address such concerns as shareholders and the need for always increasing profit margins. Still, there are some very fundamental elements that are the same. For instance, the financial support system is basically the same: good systems and controls must be in place to accurately record financial transactions; assets must be utilized in a manner to obtain fair value; and the organization must be compliant to the terms of its contract with the Department of Energy. As Controller, Mr. Winkler will be responsible for these basic elements. "I like what I see here. I'm excited about being part of the Laboratory's project. I think with my skill sets and experience I'll be able to make a contribution to the success of the Laboratory's mission," he said.

Mr. Winkler resides in Medford, New Jersey with his wife Denise and his two year old daughter Sloan. He enjoys running (maybe we'll see him pounding the pavement with the rest of the PPPL runners when the weather gets a little nicer), basketball, restoring old cars (he sometimes drives his restored 1973 Cadillac convertible to work), and in quiet moments reading detective stories and books on economics. ✱

Inside

Survey Results	2
Tech Team Innovations	3
Service Awards	5
Holiday Calendar	5

Survey Results Surprising

by Carol Phillips

The PPPL Cafeteria Committee recently asked employees to rate various aspects of cafeteria operations, food preparation, and service. The rating values used were poor, fair, good, and excellent, and the categories rated included quality, quantity, variety, and temperature of prepared foods. In addition, employees were asked how many times per week they use the cafeteria for breakfast and lunch, and what is the average amount they spend on each of these meals. Employees were also encouraged to state their opinions on such things as: What can the food service do to have you visit the cafeteria more frequently? Would you like to extend the cafeteria service hours? If so, at what time? Please list menu items that you would like featured. Questionnaires were attached to the *PPPL News Alert* bulletin dated January 19th; They were due February 13th. One hundred and forty-nine surveys were returned, although not everyone answered every question.

Breakfast

Fifty people responded to the questions regarding the quality, quantity, and variety of food served for breakfast. Of these responses, 53% rated the quality of the food good and 30% rated it fair. The ratings for poor and excellent were about even at 8% and 9%, respectively. Ratings for quantity of food were surprisingly similar to those for quality: 53% thought the quantity was good, 27% thought it fair, and the poor and excellent rating were the split at 10% each. For variety of food, 30% rated it fair and 45% said it was good.

Lunch

Almost all of the people who returned the survey responded to the questions regarding the food served at lunch. Ratings were generally higher than those for breakfast.

Sixty-seven percent of the responders thought the quality of food was good, 20% said it was fair, 9% gave it an excellent rating, and 4% rated it poor. The breakdown for quantity of food served at lunch was about the same: 63% said the quantity of food served was good, 19% thought it fair, while the ratings for excellent and

poor were even at 9% each. Results for the variety of food served at lunch were: 10% excellent, 52% good, 31% fair, and 7% poor.

Employees were also asked to rate specific menu items served at lunch. It was encouraging that over 80% rated the salads, vegetables, pastas, beef, seafood, poultry, and desert items fair to good, that 90% thought the prepared veal fair to good and 77% rated the soups fair to good.

Operations

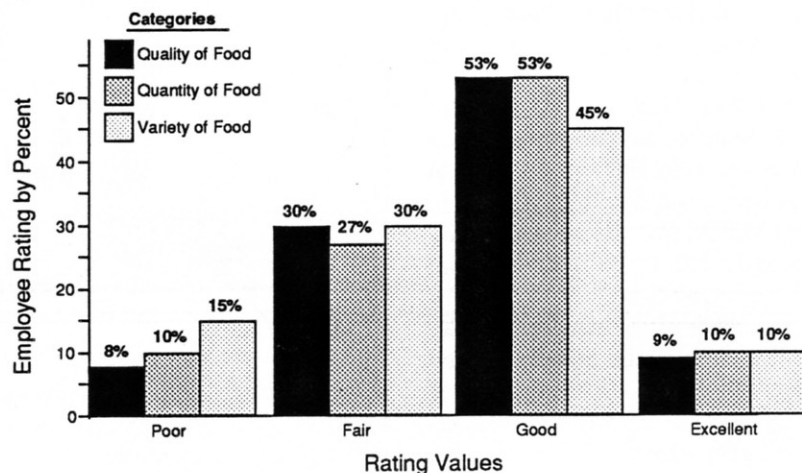
A large majority, 86%, of the responding employees rated the "helpfulness and

friendliness" of the cafeteria staff as good to excellent, while 10% said it was fair and 4% thought it was poor. Regarding the speed of service, 51% thought it was good, 30% said it was fair, 15% felt it was poor, and 4% rated it as excellent.

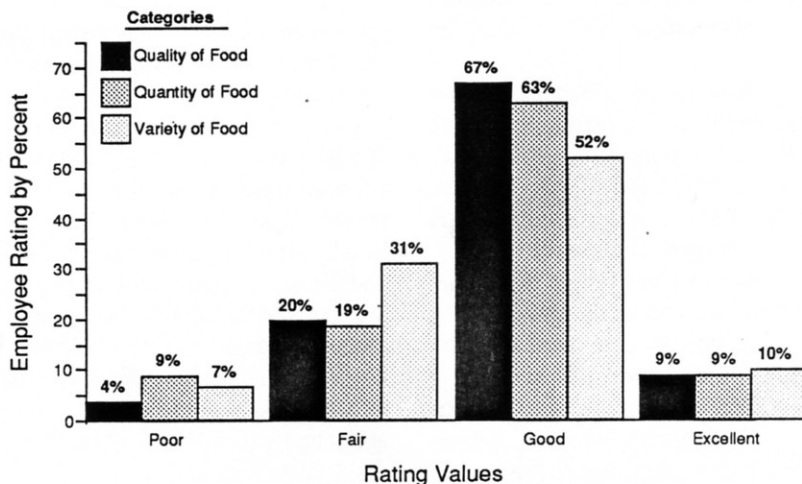
Ratings for overall cleanliness of the serving and dining areas were high: 19% rated the cleanliness of the service area as excellent while 18% rated dining area cleanliness as excellent; 61% thought service area cleanliness good while 64% thought the dining area cleanliness good; 18% and 15%, respectively, said the areas

Continued on Page 3

Breakfast Ratings



Lunch Ratings



Employees' ratings of the quality, quantity, and variety of cafeteria food were generally high. Except for the category "variety of food served at breakfast," 80% or more rated it fair to good.

were fair with regard to cleanliness; and 2% and 3%, respectively, rated the areas as poor.

The final category regarding operations dealt with the appearance of the staff. Of those responding, 88% rated staff appearance as good to excellent and 12 % rated it fair. Not a single rating of poor was received.

General Information

Employees were asked to give the number of times per week they bought breakfast or lunch at the cafeteria. Fifty people said they used the cafeteria for breakfast. Of these, 17 said they bought breakfast once a week, 7 said twice a week, 7 said three times a week, 4 said four times a week, and 15 said five times a week. The

average amount spent on breakfast was \$1-2.

More people used the cafeteria for lunch. One hundred and twenty-eight answered this question: 79 said they bought lunch four to five times a week, 44 said two to three times a week, and 5 said one to two times a week. The average amount spent was \$3-4.

Summary

It seems the employees who use the cafeteria are generally well satisfied with cafeteria operations, food preparations, and service. The table shows that for breakfast 83% of the responders rated the quality of food fair to good, while for lunch 87% said it was fair to good. Eighty percent rated the quantity served at breakfast fair to

good, while 82% rated the quantity at lunch fair to good.

It was helpful that many of the responders included comments and suggestions on their questionnaires. One comment was particularly appropriate. It said, "I'm not sure that improvement is possible in the current price range and relatively inexpensive and good is better than expensive and excellent."

Cafeteria Committee members Stefano Bernabei, Chairperson, Tim Bennett, Tony DeMeo, Jerry Hart, and Dottie Pulyer, would like to thank everyone who took the time to return the questionnaire. If you would like more information regarding the results please contact any member of the Committee. ✱

Tech Team Finds a Better Way

by Phyllis Rieger

Creativity mixed with experimentation and on-the-job experience helped neutral-beam source technicians Henry Swiderski, John Swatkoski, and Don West develop the Hydrostat 10.

While it sounds like something from a science fiction movie, the Hydrostat 10 is actually a hydraulic hose pressure testing system with ten times the capability of a more traditional single hose testing method. The unit consists of a hydraulic hose dispenser, hose cutter, measurement brace, stainless steel fill and holding tanks for water, a compressor, and a 10 hose capable manifold. It can be adapted to any size configuration. This time-saving device has been tested using three-quarter inch hoses under 1100 pounds per square inch for 8 hours revealing no leaks and, according to Henry, "it's now undergoing a 20 hour test." The hoses tested are used for neutral-beam ion sources on the TFTR.

Henry, John, and Don developed the "10," as they call it, "because we knew there must be a better way to increase production while decreasing time frames," said Henry who's also been responsible for designing a modular containment system for compressed gas cylinders and other containers. Called the "Saf-T-Rak," he and John again decided that there must be a better and safer way to store the containers.

"We feel the 'Saf-T-Rak' is a sturdy, safe, and economical way of storage compared to the previous way of using chains, ropes or bailing wire to hold the tanks in place," explained John who also pointed out its other attributes including quick

assembly and disassembly of all stock unistrut items and its quick release pins. Both devices are currently being used in the CAS building, and the Safety Department has given thumbs up to both inven-

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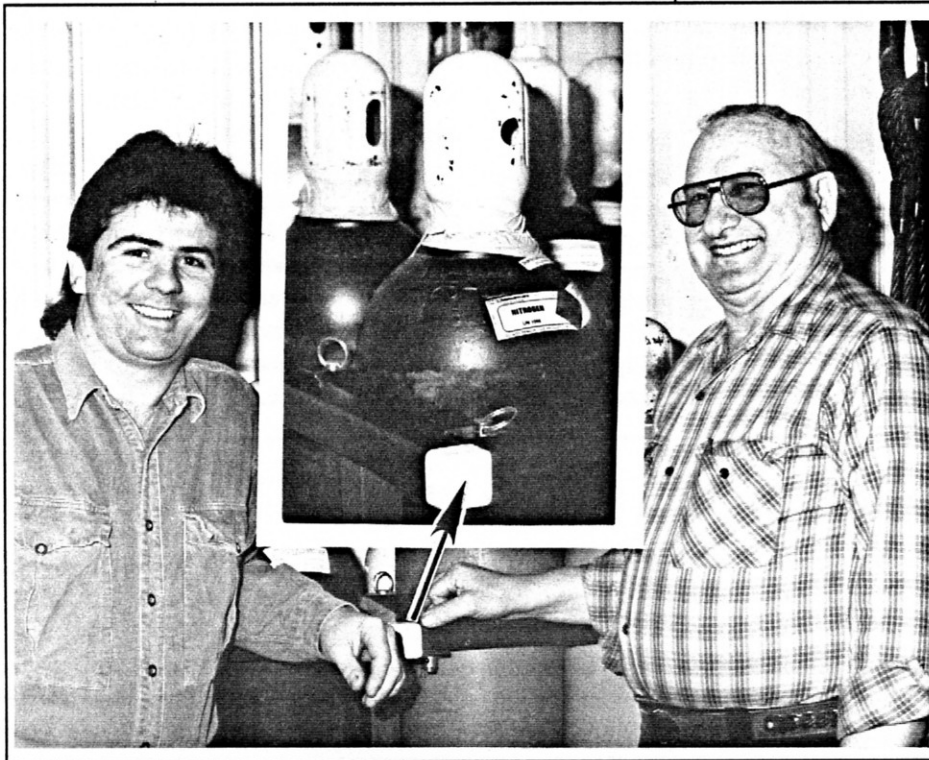
(Photo by John Peoples)

(Left to right) Technicians Henry Swiderski, Don West, and John Swatkoski found a better way to test hoses, called the Hydrostat 10.

tions. In fact, patents are being sought for both through the University patent program.

TFTR Heating Systems Division Head Mike Williams said, "It's encouraging to

see people take such an interest in their work that they think of ways to improve production safely and economically. I commend John, Henry, and Don for their initiative." ✱



(Photo by John Peoples)

(Left to right) John Swatkoski and Henry Swiderski pose with their invention, the "Saf-T-Rac."

Milt Machalek on Special Assignment to DOE

by Phyllis Rieger

For the next year, Dr. Milton Machalek is on special assignment from PPPL to the Office of Fusion Energy (OFE), U.S. Department of Energy Headquarters in Washington, D.C. He's assigned to the Development of Technology Division headed by Robert Dowling.

A major part of Milt's responsibilities will be assessing, reviewing, and monitoring the United States portion of the technology and physics for the International Thermonuclear Experimental Reactor (ITER). Milt said, "In this special assignment I will remain a PPPL employee and, therefore, will not be allowed to direct any DOE programs. However, I do look for-

ward to providing useful support to OFE in organizing, coordinating and monitoring the ITER Research & Development in the United States."

A second major responsibility Milt will have is in the superconducting Demonstration Poloidal Coil (DPC) project, a cooperative effort between the U.S. (Massachusetts Institute of Technology) and Japan. Additional assignments have been offered, depending upon available time, including technology transfer, in which Milt has had an active interest for several years.

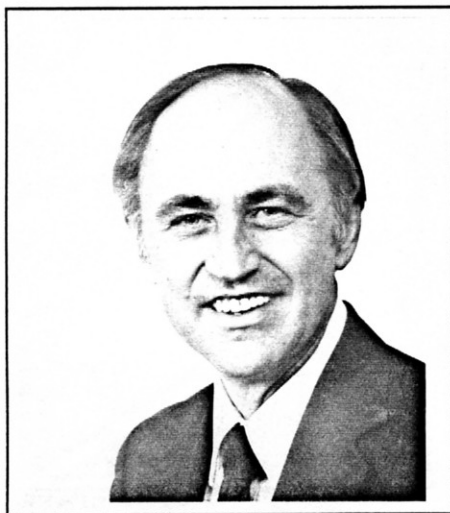
Milt holds A.B., M.S., and Ph.D. Degrees in Physics from Harvard, the University of Chicago, and the University of Texas, Austin, respectively.

He came to PPPL in 1980 from Los Alamos, where for six years he gained experience in such areas as operating the Scylla experiment, managing construction of the Scylla IV-P project, managing building of the world's first radio-frequency quadrupole (RFQ) accelerator, and contributing to various plasma pinch experiments and the Fusion Material Irradiation Test (FMIT) project. At PPPL, Milt headed the TFTR Core Engineering Group from which he became the initial Head of TFTR Operations. For the last four years, he has been a member of the small group that began on the Tokamak Fusion Core Experiment (TFCX), evolved into the Ignition Studies Project (ISP), and is now the Compact Ignition Tokamak (CIT) Project.

Ever since his first trip to the Soviet Union in 1976, and his four-month exchange to the Efremov Institute in Leningrad in 1977, Milt has maintained a strong interest in scientific and technology exchanges with the USSR which includes maintaining his Russian language skills. Milt has been the key individual at PPPL coordinating the possible CIT collaboration with the Soviets, and he will retain that responsibility during his DOE assignment.

While at DOE Headquarters in Germantown, MD, Milt can be reached at (301) 353-4954. ✱

PPPL



(Photo by John Peoples)

Milt Machalek

Learning About Careers

by Phyllis Rieger

The Laboratory will again offer "Science on Saturday," a series of seminars designed to familiarize high school students with recent advances in science and to stimulate interest in pursuing scientific careers.

Beginning April 29 and lasting until June 10, the program runs from 9 to 11 a.m. for six Saturdays (Memorial Day weekend excluded). Students will have the opportunity to learn about fusion energy research, recent advances in laser technology, the greenhouse effect, and other topics.

Many of the seminars will be conducted by Laboratory staff who have volunteered to participate in the program and to talk about their area of expertise. The program is an important way in which the Laboratory can serve the community.

In the past as many as 180 area students have participated. The seminars are open to high school students, teachers, and parents free of charge. Registration is at the first session on April 29 in the M.B. Gottlieb Auditorium or call Meg Harmsen at extension 2659. *

Attention Runners

It's been a couple of years since the last Fun Run was held at PPPL. With spring and warmer weather just around the corner, renewed interest is being shown towards this event, and organizers are now trying to get an idea of the level of interest for this activity.

The race would follow the same format as in the past. That is, it would be 5K (3.1 miles) in distance and follow a circular route around C- and B-Sites. Tentative plans are for the race to be held in the Spring, if enough interest is shown.

If you are interested in participating and/or helping, please let Barbara Sarfaty, ext. 2440, or Tom Voigtsberger, ext. 2688, know.

Remember, check with your doctor before starting any new exercise program. If you decide to start to exercise after his/her approval, be sure to pace yourself in the beginning, and do only what you can. *

1988 Service Awards Ceremony

The 1988 Service Award Ceremony for employees with a 5, 10, 15, or 20 year service anniversary during calendar year 1988 will be held on Thursday, April 13th, 1989 at 1:00 p.m. in the M.B. Gottlieb Auditorium at C-Site. This year employees who have attained 30 or more years of service during 1988

will also be honored. Employees receiving awards and their supervisors will receive invitations to the ceremony.

If you are eligible for an award but will not be here on April 13th, contact Bobbie Forcier on ext. 2101 to make arrangements to receive your award.

1989-1990 Holiday Schedule

<u>Holiday</u>	<u>Date</u>	<u>Week Day</u>
Independence Day	July 4, 1989	Tuesday
Labor Day	September 4, 1989	Monday
Thanksgiving	November 23, 1989	Thursday
Thanksgiving	November 24, 1989	Friday
Christmas	December 25, 1989	Monday
Christmas	December 26, 1989	Tuesday
New Year's	January 1, 1990	Monday
Memorial Day	May 28, 1990	Monday
Optional Holidays		Three Additional*

Optional holidays may be used at the staff member's discretion and with the approval of the supervisor for religious holidays or any other personal reason. Alternate holiday arrangements may be made by Departments and Offices such as the Library and Food Services where work schedules or union contracts dictate other holiday schedules.

*Because New Year's falls on Monday in 1989-90, one of the usual designated holidays around New Year's has been changed to an optional holiday.

Safety Training

The Occupational Safety Branch has scheduled the following safety training courses for April:

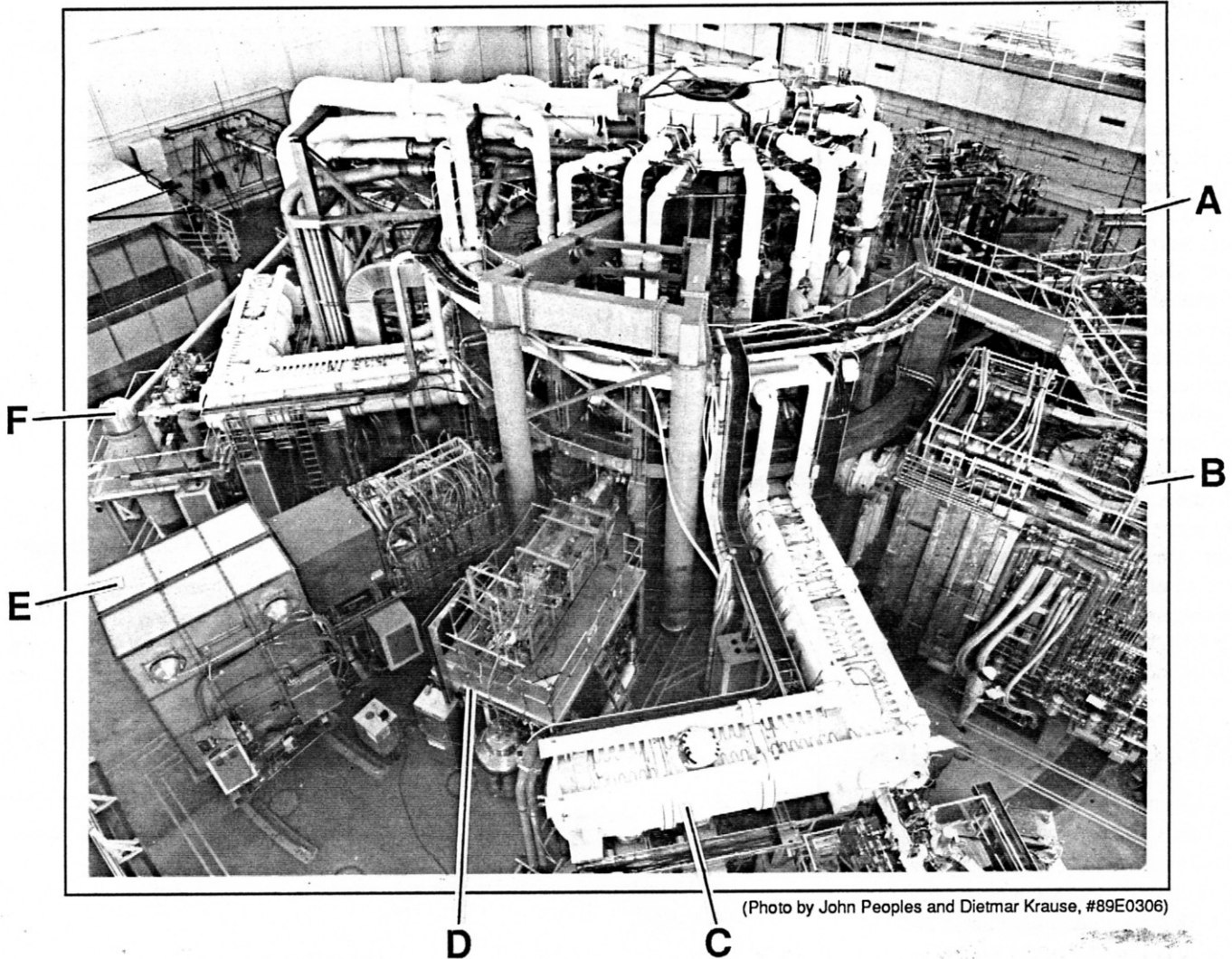
<u>Course</u>	<u>Date/Time/Location</u>
Radiation Safety Training	11-13 April, 8:30 a.m.-12:00 noon Safety Training Trailer
Forklift Operator Training	20 April, 8:45-11:30 a.m. Safety Training Trailer
Respiratory Protection	25 April, 9:00-11:00 a.m. Safety Training Trailer Fit test is in the afternoon

Employees must obtain permission from their immediate supervisor to attend these classes. Supervisors should call Mary Ann McBride at ext. 3468 to enroll their employees.

Basic Safety is offered every Monday at 1:30 p.m. in the Safety Training Trailer.

CPR is offered every Tuesday at 9:00 a.m. in the Safety Training Trailer. Contact Mary Ann McBride, ext. 3468, to enroll.

Tokamak Fusion Test Reactor 1989



The Spring-Summer experimental run on TFTR will begin in April and will continue until the beginning of October, when the next major opening is planned. High-power operation is scheduled for the middle of May. Shown in the photo above are: On the right-hand side near the top just behind the stairs is the ion cyclotron radio-frequency heating apparatus (A); still along the right-hand edge and in front of the stairs is one of the four neutral-beam injectors (B) that provide auxiliary heating to the plasma; the vacuum pump duct (C) is the large, white, L-shaped object in the right foreground, it creates and maintains the vacuum; next to the vacuum pump is the Oak Ridge National Laboratory deuterium pellet injector (D), which is used for plasma fueling; the rectangular box on the left is the diagnostic neutral beam (E), which is used for ion temperature measurements; and the dome-shaped object (F) houses a mirror for the TV Thomson scattering diagnostic used for electron temperature and density profile measurements.