



# HOTLINE

PRINCETON PLASMA PHYSICS LABORATORY

Vol. 7, No. 6

January 27, 1986

## PPL NOTIFIED OF GRAMM-RUDMAN-HOLLINGS FUNDING REDUCTION IN FY 86

The U.S. Department of Energy has notified PPL that the Laboratory's FY86 budget will be reduced by \$3.8 million dollars (about 4%) effective March 1. The cut is a result of the Balanced Budget and Emergency Reduction Law of 1985, better known as the Gramm-Rudman-Hollings Act, passed by Congress and signed by President Reagan in December. PPL managers must now determine how the reduction will be applied to the laboratory's FY86 program, already underway. Budget revisions for specific PPL programs and activities will be completed and announced within the next several weeks.

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This article will discuss the Gramm-Rudman-Hollings Act, focusing on the FY86 and FY87 appropriations for fusion energy. The new law has been called the most significant single change in the Federal budget process, since the beginning of the Republic, certainly since the Budget and Accounting Act of 1920. As with any change of such magnitude, there are more questions than answers, both in Congress and the Executive Branch, as to exactly how the law will work in practice and

its impact on any specific area of Federal spending.

Gramm-Rudman-Hollings requires that the Federal budget deficit be completely eliminated by 1991. The law provides a specific ceiling on the deficit for each of the intervening years, given below:

FY 1986	\$180 Billion
FY 1987	\$144 Billion
FY 1988	\$108 Billion
FY 1989	\$72 Billion
FY 1990	\$36 Billion
FY 1991	\$0

The President is required to order an automatic spending cut if, after legislative and executive action in the appropriation process in each year, the projected deficit still exceeds the limit by more than \$10 billion. Under the Act, these targets can be waived only in the event that war has been declared or Congress and the President declare in a Joint Resolution that the U.S. economy is in recession.

In FY86, the automatic cut is limited to a maximum of \$11.7 billion, regardless of the

projected deficit for this year. The law requires that half of the \$11.7 billion be taken from funding for defense programs and half from the funding for non-defense programs. A number of entitlement programs such as Social Security and certain benefit programs for low-income families (for example, food stamps program) are exempt.

Under the law's procedures for FY86, the Office of Management and Budget (OMB) and the Congressional Budget Office (CBO) reported FY86 deficit projections to the General Accounting Office (GAO) on January 15. Based on these, President Reagan ordered agencies to take the full \$11.7 billion reduction, 4.9% for defense and 4.3% for non-military programs, by March 1 1986. For non-military spending, the law calls for uniform cuts in every "program, project and activity." The FY86 cuts are automatic and can take place without further action by the Congress.

The FY87 federal budget will be the first formulated and enacted under the Gramm-Rudman-Hollings bill. The first information on the FY87 magnetic fusion budget will

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be contained in the President's budget message to be issued on February 5, 1986. Both the Senate and the House would pass budget resolutions during their spring sessions and complete Conference Committee actions on appropriations according to an accelerated schedule before the July 4 recess begins. Thus, the amount actually appropriated to support the National magnetic fusion energy program in FY87 will not be known until mid-summer. Any subsequent automatic budget cuts in this amount under Gramm-Rudman-Hollings can be avoided in FY87 if the President and Congress agree to Government-wide appropriations which keep the Federal deficit within the specified limit of \$144 billion.

The special automatic features of the Gramm-Rudman-Hollings law for FY87 (and each of the following four

years) begin in August when OMB and CBO report their revised FY87 deficit projections to GAO, based on Congress's appropriations actions and on economic conditions as of August 15 1986. If, for example, the projected FY87 deficit exceeds the ceiling of \$144 billion by more than \$10 billion, President Reagan will be required to issue an initial spending reduction order on September 1 to reach the ceiling. The cut must bring the deficit below the \$144-billion FY87 limit.

During October, the first month of FY87, OMB and CBO present revised deficit projections to GAO, which reflect the President's orders and any legislation enacted since their report in August. Based on this report and upon instructions about any additional reductions which may be required, the President must issue a final FY87

spending order by October 15. The additional automatic cuts, if they are necessary, are then applied.

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Twelve members of Congress are challenging the constitutionality of the Gramm-Rudman-Hollings Law. The plaintiffs argue that the law violates the principle of separation of powers by delegating legislative functions to non-elected officials who are not responsible to the voters. A final court decision is not expected until summer, long after the \$11.7 billion FY86 cut takes effect. However, even if this part of the law is stricken down in court, automatic features of the Law may continue with the instructions conveyed through Joint Resolutions of the Congress which have been signed by the President.



Allan R. Guyet

## Safety Director Named

Former Essex County Sheriff's Department deputy chief Allan R. Guyet has been named managing director of public safety at Princeton University's Forrestal Campus. Guyet, who assumed his new duties January 20, succeeds Jim Koplner in the position. Koplner retired last year.

"Mr. Guyet will direct and supervise all elements of the Department of Public Safety on the James Forrestal Campus," said Princeton Director of Public Safety J.L. Witsil, "which includes a staff of 50 full-time and over 30 volunteer personnel. They provide law enforcement, emergency

medical response, and fire fighting services."

Guyet, 46, has been director of safety and security and chief of police at Brookdale Community College in Lincroft for two and a half years. During his 13 year stint with the Essex County Sheriff's Department, he served as the commanding officer of the special investigations unit, of the bureaus of narcotics and criminal identification, and of the department's administrative division. He is also a former member of the Newark and Dover Township police forces.

Guyet has served as an adjunct faculty member at both Monmouth College and Brook-

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dale Community College over the past 14 years. He taught courses on criminal justice, has lectured on the laws of arrest and search and seizure at the Monmouth and Essex County Police Academies, and was consultant/lecturer for the N.J. Corrections Officers Training Academy in Trenton.

Guyet earned his associate's degree in police science from the John Jay College of Criminal Justice in New York. He received a B.A. magna cum laude in criminal justice from the same college in 1974, earning his M.A. in criminal justice there in 1978. A Marine veteran, he graduated from the F.B.I. National Academy in 1977 and served as New Jersey treasurer of the F.B.I. National Academy Associates last year. He belongs to both the American Society for Industrial Security, and the International Association of Campus Law Enforcement Administrators.

Guyet and his wife Carol are the parents of four children.

## **EVES Operation Begins**

Beginning February 5, the laboratory's new Emergency Voice Evacuation System (EVES) will be tested each Wednesday at noon. The test of the new system will occur in addition to the regular weekly test of the fire alarm.

The EVES system, which has been installed throughout C- and D-Sites, links specific emergency tones with a public address announcement to notify employees of emergency situations. The steady, siren tone will be followed by an announcement of emergency alert information, such as an early snow closing, or an

accident creating traffic tie-ups. The alternating tone (the repeating "whoop") precedes the announcement of a laboratory evacuation or other critical emergency information. In cases where environmental noise might obscure the tones (the C-Site MG Room, for example), emergency announcements will follow alert strobe lights.

Area Safety Coordinators (ASCs) will be monitoring the EVES system to ensure audibility and clarity of test messages. Any ASC who discovers an operating problem with the system should notify the C-Site Public Safety Desk at ext. 2536 and report the problem to the officer on duty.

## **Trivia Winner**

Barbara Sobel won the first session of the Word Processing trivia game. She received her first place prize of a new coffee mug earlier this month.

The game, patterned after Trivial Pursuit, requires players to fill a pie-shaped game card with six colored "slices" by answering trivia. It was devised by Marilyn Hondorp, Head of NBI Network Operations, as a way of ensuring that operators read the "daily news" on the NBI system. The news alerts operators to alterations in the system, or to upcoming maintenance shutdowns.

In addition to system information, the "daily news" has contained a daily trivia question since July. Operators send their answers to the Word Processing Center on C-Site, where a record of their correct answers is kept. At the

end of each month, the correct answers are totalled, and the top three operators receive a "slice" of the "pie".

Second place in the first session of the game was shared by Sandy Phillips and Kathy Dunn. Third place finishers included Don Bumgardner, Steve Duritt, and Dinah Larsen.



The Public Safety Department has a responsibility to all Plasma Physics employees with regard to security and traffic safety. But laboratory employees also are responsible for observing the rules and regulations pertaining to security and traffic safety.

Traffic signs were recently installed along Stellarator Road to remind personnel of several very important security and traffic related points:

- All visitors must be registered at the C-Site security booth. If you are traveling on campus in your personal or government vehicle, please be sure to obtain a visitor pass for your passengers.
- Employees with visitors entering the C-Site area by shuttle should make arrangements to stop at the security booth for the required visitor pass.

The Public Safety Department will be conducting sporadic checks of vehicles and shuttles entering the campus to determine whether visitor badges are required for travelling passengers. Anyone ob-

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served without the required identification will be required to obtain a badge/pass immediately.

**Traffic Safety** -- Motorists are again reminded to observe posted driving speeds on the campus, particularly around the bend towards the C-Site guard booth. The sharp bend in the roadway creates a hazard in itself, which is intensified when a vehicle is speeding through it.

Public Safety will be conducting speed checks on a sporadic basis. Violators will be dealt with accordingly. Please obey the traffic speeds and avoid unnecessary inconveniences later on.

## TFTR Shirts

Shirts featuring a new multi-color TFTR logo designed by Don Weissenburger and Matt Edgar will be available in a variety of styles in February.

The logo is a variation of a design created by both men in 1982, which incorporated a sunburst being powered by four neutral-beam-breathing dragons. The new design features two dragons injecting deuterium particles into the sunburst. The particles are fused in the center of the sunburst, with both the year deuterium-deuterium fusion should be achieved and the possible products of that reaction also depicted.

The new shirts will be available in both sweatshirt and teshirt versions in sizes ranging from childrens' to double extra large. Samples of the shirts will be displayed at local distribution points

throughout the laboratory, where shirts can be ordered and finished shirts picked up. Local distributors include Mary Lou Lauricella in the I-K Building on A-Site, and Anne Golden and Marilee Thompson in LOB on C-Site.

The prices for the new shirts vary with the type and style of shirt chosen. The price covers the cost of producing the shirts; any profits realized from the sale will be donated to charity.

Further information about the shirts will be posted on bulletin boards throughout the laboratory in February.



The primary causes of winter driving accidents are controlled by the motorist, not Mother Nature. Making minor changes in your driving style can help you avoid these common mistakes and travel safely in snowy weather:

- **Driving too fast for conditions:** When the road is slippery, you can't stop as quickly or as safely as you can on a dry road surface. Reduce your speed when the roads turn treacherous.
- **Abrupt turns, lane changes, or sudden speed changes:** Any one of these can cause bad skids on ice and snow.

Anticipate turns or speed changes, and make them slowly and gradually. Use smaller steering corrections more often.

- **Limited visibility:** A driver who scrapes only a small peephole in his ice-covered windshield is asking for an accident. Completely clear your windshield completely of ice and snow, and scrape your outside mirrors clean. Be sure your defroster is in good shape.
- **Poor traction:** Losing your grip on the road has caused many a crackup. Traction improves markedly with tire chains. Chains will also allow you to stop in a much shorter distance on ice and loosely packed snow. If you do not use chains, be sure your snow tires are in good condition. Then get them out of the garage, and onto your car!

## TRANSITIONS

The HOTLINE offers its congratulations to the following employees, who recently became proud parents:

George Fleming of CICADA and his wife, Mary Ann, whose daughter, Kelly Lea, was born December 31.

The PPL HOTLINE is issued by the Princeton University Plasma Physics Laboratory, a research facility supported by the United States Department of Energy. Correspondence should be directed to PPL Information Services, Module 2, C-Site, James Forrestal Campus, ext. 2754.