

# FERMILAB NEWS

 Fermi National Accelerator Laboratory

Operated by Universities Research Association Inc.  
Under Contract with the United States Department of Energy

Vol. 2, No. 41

October 18, 1979

## FERMILAB SUCCESSFUL IN CONSERVING ENERGY

Fermilab continues to meet and exceed the guidelines of the Federal Energy Conservation and Management Program.

This was the conclusion reached Monday (Oct. 15) by the Energy Conservation Committee of the Chicago Federal Executive Board. Committee members, led by their chairman, Dr. Karel Klima of the Engineering Support Division, Chicago Operations and Regional Office of the Department of Energy, met that afternoon with officials from Fermilab to review all facets of Fermilab's conservation program during the past year.

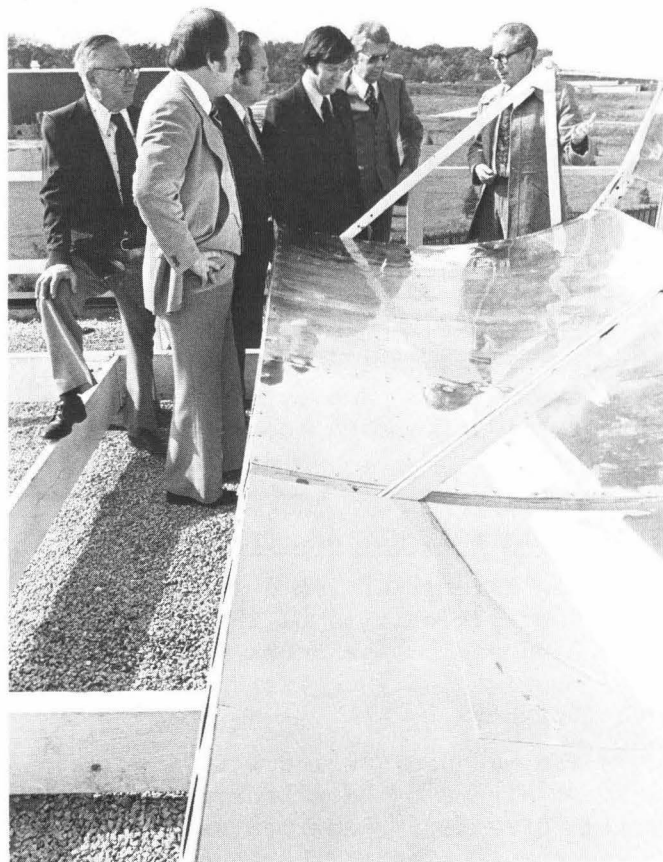
Representing Fermilab were Hank Hinterberger, head of Technical Services Section and the site conservation officer; John Paulk, head of Site Services; and John Colson, head of Support Services.

Hinterberger explained to the committee that Fermilab exceeded the DOE energy conservation savings goals. He reviewed use of fuel oil and natural gas; setting of thermostats to proper limits; substitution of gasohol for gasoline; development and use of solar energy; posting of energy conservation reminders; and the progress of the Energy Doubler-Saver.

Formal recognition of Fermilab's success will come tonight (Oct. 18) following the second day of the DOE Fifth Annual Energy Management Symposium being held here. At a banquet in the Central Laboratory atrium, Fermilab and three other institutions will be presented citations for energy conservation activity. The other three recipients will be the Argonne National Laboratory, the Standard Oil building in downtown Chicago and Triton College, River Grove, Il.

Following the review, Hinterberger led committee members to Industrial Building No. 1 to see the new solar panel installation on its roof.

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...Hank Hinterberger (right) explains solar panels on roof of Industrial Building No. 1 to committee members...



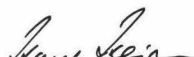
## CITATION

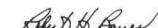
PRESENTED TO

*Fermi National Accelerator Laboratory*

*In Recognition Of An Outstanding  
Energy Conservation Program*

*Fiscal Year 1979*

  
Chairman  
Energy Conservation Committee

  
Chairman  
Chicago Federal Executive Board

## DOE ENERGY SYMPOSIUM CONTINUES

The Department of Energy fifth annual energy management symposium continues today (Oct. 18) with talks on energy conservation, fuel use, solar energy and geothermal energy.

The symposium, being held in the Central Laboratory auditorium, began yesterday morning and will end tomorrow around 1 p.m. Tonight at a banquet in the Central Laboratory, DOE will award certificates for outstanding energy conservation programs.

The symposium was timed to coincide with the first international energy conservation month--October. This country is one of a number of industrialized nations belonging to the International Energy Association, the organization that called for the observation.

## SAFETY SECTION ISSUES NEW HANDBOOK

The Safety Section has recently issued the 1979 edition of the Fermilab Safety Handbook. The books were distributed throughout the laboratory early this month (October).

The handbook begins with a policy statement signed by Leon Lederman, Fermilab director. Lederman says, "An important objective at the laboratory is to do our research in a manner such that the safety of people receives the highest consideration, while at the same time we make best use of our laboratory facilities." He reminded users, subcontractors and employees to balance intelligently the "often conflicting requirements" of safety and of doing one's research or job.

Lederman insists that all persons working at the laboratory must become familiar with and support the safety policies.

The 66-page handbook is divided into four major sections: policy and administration; public safety; industrial safety; and an appendix which lists pertinent reference material. The volume is easily recognized by its light blue cover and tan pages.

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## PRAIRIE HARVESTERS SEEK VOLUNTEERS

Fermilab's Prairie Restoration Committee needs volunteers to help hand harvest prairie seeds.

Harvesting will begin at 10 a.m. in the prairie at the Morton Arboretum and end at around 3 p.m. on Oct. 27 and Nov. 3. If the weather is inclement, the alternate dates will be Oct. 28 and Nov. 4. Dave Cosgrove and John Paulk of Fermilab are joint leaders for this project.

Cosgrove recommended that volunteers bring with them three or four large size grocery bags in which to place the seeds they harvest. He also suggested they bring a sack lunch with them, but the Arboretum's lunch room will be open and they could eat there if they wish.

Around 300 to 400 pounds of grass and flower seeds will be hand picked, said Cosgrove. At the end of the harvest, they will be loaded into Cosgrove's car for a trip to Fermilab. Once here, the grasses will be planted before fall ends, but the flowers will be stored for a spring planting.

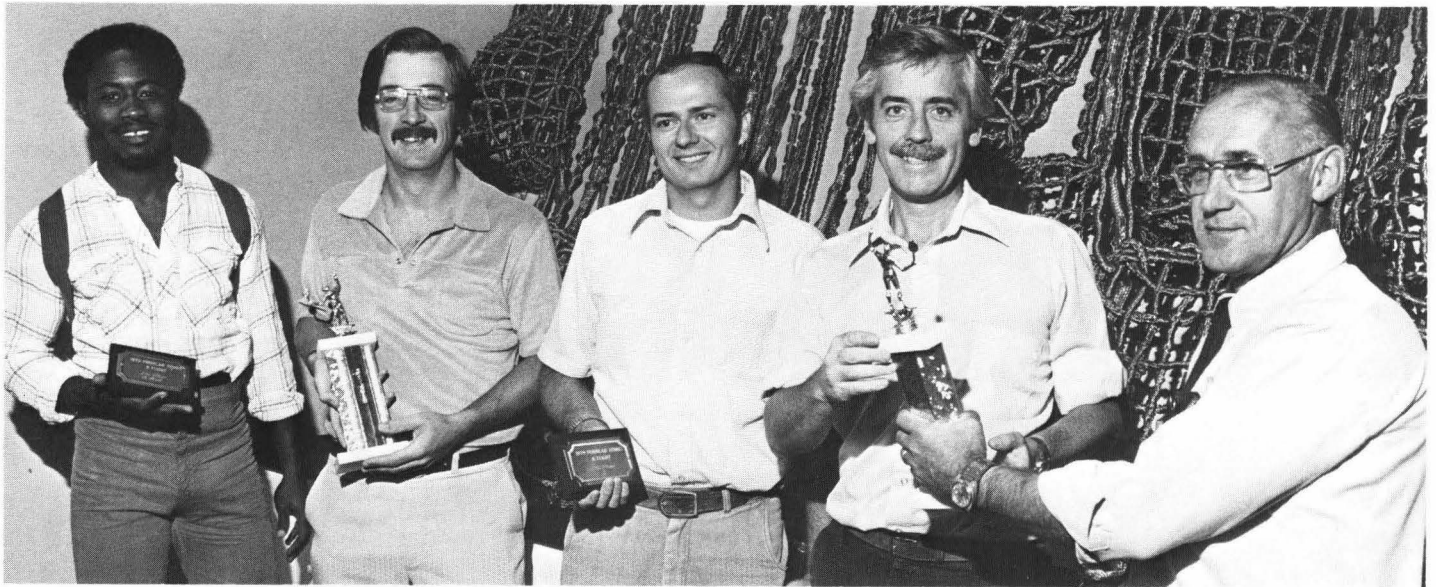
Approximately 100 acres of the prairie restoration area have been planted, said Cosgrove. Eventually, the full 660 acres inside the Main Ring will be planted.

Organized five years ago, the prairie restoration project is a long-term activity that has attracted many Fermilab employees and users. Under the leadership of Dr. Robert Betz, a world-famous prairie expert, they want to return the land inside the Main Ring to its original prairie state. Or as Cosgrove put it: "We want it to be like the prairie that existed before the white man came with his steel plow."

If the weather appears to be inclement, then Cosgrove suggested volunteers call the Fermilab operator at 840-3000. He'll leave word with the operator if the harvest has been called off for the day.

Volunteers should use the west gate of the Arboretum. This gate, which will be marked and open especially for them, is on Leask Lane, 0.3 miles north of Warrenville Road. Leask Lane is one mile west of Highway 53.

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...Top tennis performers for the season that just ended are (L-R) Virgil West, runner-up in the B-division; Chuck Ankenbrandt, winner in the B-division;

Rich Krull, runner-up in the A-division; Jim Walker, winner of the A-division; and Mel Storm, chairman of the Fermilab Tennis Committee...

THEY'RE NOW ON THE 15th FLOOR

The section office of the Laboratory Services Section, headed by Chuck Marofske, and the Personnel Department have moved to the 15th floor of the Central Laboratory.

Also relocated to the 15th floor is the Equal Opportunity Office managed by Lauta Price-Joyner.

The section office was formerly on the fourth floor and the Personnel Department on the sixth floor. Included in the move to the 15th floor are the Training, Benefits, and Compensation Office headed by Ruth Christ and the Employee Relations and Employment Office headed by Bill Butler.

Other individuals and activities involved in the move included James Thompson, employment manager and the employment office staff, as well as Ralph Wagner and Vivian Butler, who handle group benefit administration; Janet Gregory and Barbara Graves, who provide training and compensation support; and Mildred Meyer and Kathy Cooper, who are responsible for employee records and reports.

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EEO STARTS COUNSELING SERVICE

The Fermilab Equal Opportunity Office has started a counseling service designed to help employees improve their career opportunities.

Dianne Engram has been added to the staff in this office to conduct this service, said Lauta Price-Joyner, EEO manager. "The counseling will be done on an individual basis and will address problems of attendance, performance, progress and motivation," Price-Joyner said. "All recommendations and resolutions will be arrived at jointly between the employee and counselor. We believe these counseling sessions will provide each employee with improved opportunities for career growth."

Participation by an employee is voluntary. Price-Joyner encouraged employees to contact Engram at Ext. 4633. Her office is CL15-E.

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REMINDER ABOUT OKTOBERFEST

For a flavorful evening, give NALREC's Oktoberfest a thought.

Tomorrow (Oct.19) from 6 p.m. on, \$1 will buy bratwurst, sauerkraut and German potato salad. The event, which will run

from 5:15 to 10:30 p.m., will be held at the Village Barn.

Participants will eat to German music and contemporary music with a touch of brass by the Windjammers.

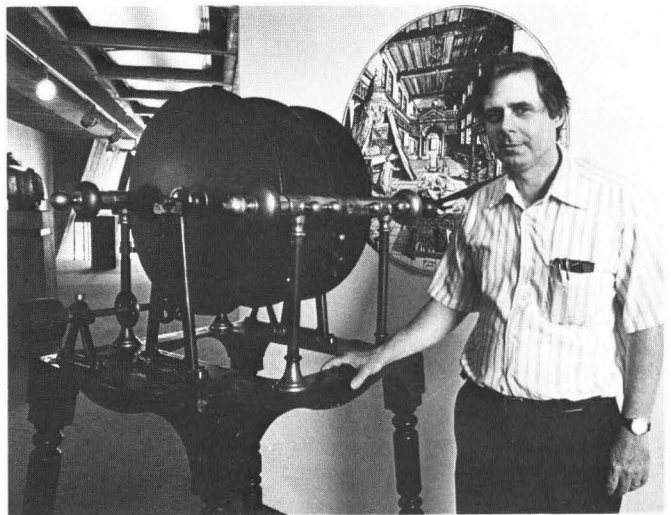
HISTORIC STATIC GENERATOR  
ON EXHIBIT AT FERMILAB

It's not exactly a glamorous piece of equipment, but machines of this type were the great granddads of the Fermilab accelerator. And some would even call them the first accelerators.

It sits unobtrusively in the southeast corner of the exhibit area, CL2-S, as though waiting patiently for someone to begin turning its plates again. Its descriptive card reads: "Lezy machine, manufactured in Paris around 1880. Powerful six-plate counter-rotating static generator, driven by an electric motor. Such machines were used to power x-ray generators and static bath applications in the early 1900s."

"The device is a member of a family called Wimshurst and Toepler Holtz machines," said Richard A. Carrigan Jr. of the Research Division office. "Closely allied to the Van de Graff accelerators, static generators work by spraying static charge on an insulator and then scraping it off on a high voltage terminal. They are capable of producing currents of several milliamperes at 100,000 volts."

Through the efforts of Richard A. Lundy, superconducting magnet fabrication



*...Dick Carrigan with Lezy static generator...*

and engineering, and Carrigan, the Lezy machine has been loaned to Fermilab, where it is being exhibited. Also known as an influence machine, it is owned by the Bakken Museum of Electricity in Life, Minneapolis, Minn. The museum contains a large collection of electrical devices that were used in medicine.

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ROY JEFFRIES NEEDS YOUR HELP

Roy Jeffries needs rides to and from work on Wednesdays. A laboratory assistant in the Computer Department at Fermilab, he has limited vision and finds his way around with the help of his black Labrador retriever guide dog, Trever.

Since Jeffries started working here earlier this year, many persons have been extremely generous in helping him get to work from his home in Aurora, he said.

A friendly outgoing man, Jeffries said he would appreciate being called at Ext. 3836 by anyone who could provide him with transportation on Wednesdays.

MILTON G. WHITE DIES SUDDENLY

As this issue of FERMINews goes to press, news of the death of Milton G. White, president of Universities Research Association, has reached the Laboratory. Further information will be presented in a later issue of FERMINews.

CALL FOR CHRISTMAS CHOIR SINGERS

Enjoy singing? Then the Fermilab Christmas Choir is looking for you.

The choir is seeking persons who would like to join in the fun of singing with others and giving concerts. Persons who like to sing solo also are being sought, rather eagerly. Janice Roberts of the Guest Office is choir director. Individuals should call Sharon Koteles, medical center, CL1-W, Ext. 3598.

SIGMA XI TALK OCT. 19

Stanley F. Sarwark, district manager for Commonwealth Edison Co., will speak on "Energy Sources for the Future" tomorrow Oct. 19. Free and open to the public, the lecture begins at 8 p.m. in the Central Laboratory auditorium. It is presented by Sigma Xi, a scientific research society.

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