

FERMILAB NEWS

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The annoying pangs of impatience build as drivers wait to enter the intersection at Pine St. and Kirk Road.

NEW HOPE FOR PINE-KIRK TRAFFIC LIGHT

The Kane County Transportation Committee has notified Batavia that it will approve installation of a traffic signal at the intersection of Kirk Road and Pine Street.

Fermilab officials are encouraged at this new and unexpected turn of events, after believing the traffic signal had been rejected more or less indefinitely. The Kane County Highway Department conducted another traffic study at this intersection. The results were submitted to the Illinois Department of Transportation (IDOT), who determined that the traffic patterns now meet their criteria, mainly "interruption of continuous traffic," according to Raymond M. Harris, bureau chief of local roads and streets for the IDOT. Previous evaluations of traffic at that intersection resulted in data that did not meet IDOT criteria, and consequently IDOT denied permission for a traffic signal to be installed.

"The Laboratory is still very much interested in getting a light," said John Paulk, head of Site Services at Fermilab. For several years, Fermilab vigorously has sought to have a traffic signal installed at the Pine St. and Kirk Rd. intersection. Fermilab officials maintained that such a light would smooth traffic flow into and out of the Laboratory's main entrance as

well as considerably upgrade safety. Extensive talks with Batavia, Kane County and state officials during that exploratory period were at times fruitful and hopeful, until late last year when the IDOT denied permission for the signal, explained Paulk.

As one of the signal's most enthusiastic supporters, Paulk said, "We hope to meet in the near future with Batavia and county officials to see if the project can proceed."

The transportation committee also has approved building left turn lanes at the intersection of Wilson St. with Kirk Rd., another major west entrance for the Laboratory. This intersection already has traffic signals, but with left turn lanes, Paulk points out, traffic flow through that intersection will be much smoother and definitely benefit the employees coming to and from Fermilab.

It also is possible that left turn lanes will be required at the Kirk Rd.-Pine St. intersection, Paulk said. This will come under discussion when Fermilab and Batavia officials resume their talks. Many details still need to be resolved, he added. (Safety along Kirk Road has generated strong community and media interest.)

FERMILAB IMPROVES AMBULANCE SERVICE



Emergency medical technicians, all with Fermilab's Fire Department, show how it's done. Posing as the patient is Jay Luna. Waiting in the roomy ambulance is John Slowiak. Preparing to lift the stretcher are (from left) Steve Lusted, Joel Hurst and Dan Jackson. Chief Ralph Kramp said, "We currently make about 70 emergency medical calls in a year."

The Fermilab Fire Department has put in service a recently acquired ambulance.

"This vehicle, with its high head room, will allow better care and more efficient treatment of patients," said Chief Ralph Kramp. "The ambulance also has built-in systems that provide a vacuum and an increased oxygen supply for the patient. It has more storage space than did the previous vehicle, and this gives us the opportunity to carry additional emergency medical equipment and supplies."

The chief added that the Fire Department has 16 emergency medical technicians, all with Illinois certifications.

When an accident or a medical emergency occurs, the Fire Department responds to it immediately. If paramedics are needed, the Laboratory has an agreement for this service with the Kane County Ambulance Service. "We use this service when the patient's condition indicates the need for treatment at the paramedic level. These patients are given initial treatment by Fermilab emergency medical technicians while they are waiting for the paramedic unit from Geneva Community Hospital," the chief explained.

"When you are in an accident or need emergency medical care, call the Laboratory's emergency number: 3131," Kramp emphasized. "Help will be on the way in minutes."

SOCIETY TO PRESENT POLISH FILM FESTIVAL

The Fermilab International Film Society will present a Polish film festival Aug. 28 and 29.

Three of that nation's outstanding films will be shown in Wilson Hall auditorium. On Aug. 28, "A Woman's Decision" will start rolling at 8 p.m., and "Everything for Sale" at 10 p.m. The next day, "Man of Marble" will start at 8 p.m. Admission to each film is \$2 for adults, but \$3 for both movies on Aug. 28. Youths age 12 and younger will be admitted to each film for 50 cents.

Each of the movies is in color with English subtitles. "A Woman's Decision," released in 1977, was directed by Krzysztof Zanussi, regarded as a leader of the new generation of Polish film makers. This movie is about a woman seeking freedom and pleasure in life, yet is devoted to her

family and career. Zanussi uses the film to explore deep philosophical and moral questions.

Andrzej Wajda directed "Everything for Sale," released in 1968, and "Man of Marble," 1979. The first film is about the making of a movie dominated by the off-screen presence of its star who never appears. Wajda fills the film with imagery. In "Man of Marble," the director follows the search of a young film maker who wants to discover the truth about the rise and fall of a Stahanovite worker who no one seems to remember. This film is a major work of Wajda, predicting with astonishing clarity the events that recently have taken place in Poland.

The society described Polish cinema as having "a rich history of important directors" and "a characteristic thematic unity."

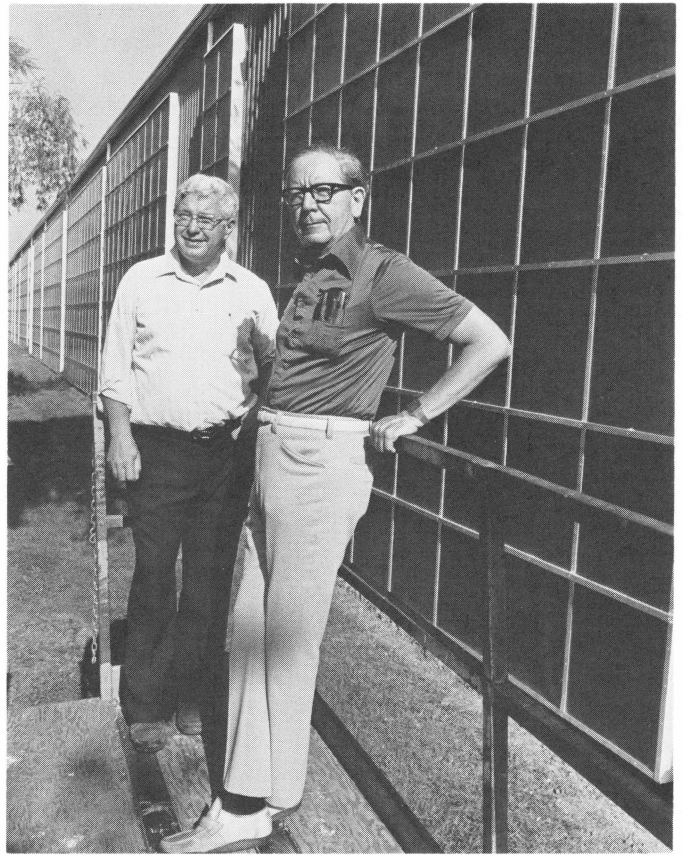
FERMILAB COMPLETES PASSIVE SOLAR WALL

This fall and winter, Fermilab is once again going to rely on the sun to provide some of the energy required to keep the Laboratory running.

Earlier this month (August), the Technical Services Section under the leadership of Hank Hinterberger finished a 6,600-square-foot passive solar wall built on the existing south wall of the Phillips Warehouse at Site 38. "The purpose of the wall is to help heat the building in cold weather," said Hinterberger, who was the project supervisor. "It will provide about one-third of the required heat.

"The design, quite straight forward, was chosen to hold down costs. We anticipate we'll get the investment back in about three or four years. The passive wall has no moving parts, no controls, blowers or pumps. Only heated air moves as the sun sets up convection currents."

The project, funded by the U. S. Department of Energy, was proposed several years ago by John O'Meara, an engineer now with the Energy Saver Division. Linda Even of Architectural Services was the project engineer.



Hank Hinterberger (right) and John O'Meara stand before the huge sweep of the passive solar wall.



A rare jewel of the native prairie is this orange-red turk's cap lily recently photographed on Fermilab's prairie just east of Wilson Hall and across the Main Ring berm. The lovely flower is a remnant of the original Illinois prairie. Its future survival is assured by the many people working on Fermilab's prairie restoration project.

SECOND CALL FOR AEROBIC DANCERS

Aerobic dance classes for continuing and beginning dancers will be held at the Village Barn beginning Aug. 31.

The classes have been scheduled for Mondays, Tuesdays and Thursdays at 5:15 to 6:15 p.m. for continuing dancers and from 6:15 to 7:15 p.m. for beginners. The 10-week session, sponsored by the Aurora YMCA, costs \$50. The fee can be paid at the first class.

For additional information, contact Pat Yost, ext. 4365.

CREDIT UNION DECLARES DIVIDEND

The Argonne Credit Union has declared a 6-3/4 percent common share dividend for the second quarter of 1981. These are computed on the day-in, day-out basis. It is different from the method used to calculate share draft dividends.

Deposited money earns every day, and there is no loss of earnings if a withdrawal is made before the dividend date, provided the account is kept open.

The Credit Union maintains a branch on the first floor of the west side, Wilson Hall. It is staffed by Cindy Gould, Margarita Chaidez and Teresa Larson.

EMPLOYEES STAR AT MAIN EVENT

Mike Langston hurled it 194 feet to take the 1981 championship in the men's division. What did he throw? Why, a buffalo chip. He did it at Fermilab's annual buffalo chip throwing competition, held this year on Aug. 21. Mike is a maintenance mechanic with Plant Maintenance and Operation.

Jean Birkenmaier, a technician with the Physics Section, took top honors in the women's division with a mighty heave of 71 feet.

And in the watermelon seed spitting contest, Jack McCarthy out shot all of his competition with his uncanny accuracy. He got one seed in the can.

Jack is an electrical engineer with the antiproton source project.

HOW'RE WE DOING AT TENNIS?

Half way through the competition (as of Aug. 17), the Fermilab tennis teams in the A division of the Industrial Tennis League have won 9 matches and lost 9. The teams in the B division have won 5 and lost 10. They play against teams from Western Electric, Amoco Research Center and Bell Laboratories.

WORTH READING

"Limping Accelerator May Fall to Budget," Science, Aug. 21, page 846. This article by staff writer William J. Broad takes an in-depth look at struggling Isabelle, a proton-proton collider now being constructed at the Brookhaven National Laboratory on Long Island. He reviews various options open to Isabelle, including "the importation of superconducting magnets under production at...Fermilab." The article also examines what might happen if Isabelle were terminated because of time delays and cost overruns.

CHEZ LEON MENUS

Sept. 2, 12:30 p.m., \$6--Garlic Soup, Bouillabaisse Salad with Cavier Dressing, Glorified Peaches.

Sept. 3, 7:00 p.m., \$11--Shrimp a la Verde, Broiled Loin Lamb Chops with Basil Butter, Fanned Potatoes, Tomatos Au Sarassou, Spinach Salad, Fresh Fruit Torte.

For reservations, call ext. 3082.



Rich Krull (right) took first place and John Ernwein captured the second spot in the Fermilab A division tennis tournament. The scores were 6 - 4 and 6 - 2.

JEDI TEAM DEDICATES SEASON TO DILLMANN

The Jedi softball team has dedicated its 1981 season to Tom Dillmann, a Fermilab employee and Jedi team member who died in February following an automobile accident.

Wes Franklin, co-captain of the 1981 team and speaking for the Jedis, said, "One thing that should be known by all is that this season was dedicated to our friend and teammate, Tom Dillmann. He helped us win the championship last year and was an inspiration to our team spirit. We hope that faith has brought him the joy and happiness we all seek."

Wes also said, "We want to thank the fans who supported us, for without them there would have been no cheers to help us on."

RUNNING CLUB RESCHEDULES FILM

The Fermilab Running Club has rescheduled the film "Coping With Life on the Run" for Sept. 3.

Featuring Dr. George Sheehan, a world-famous running expert and author, it will begin at 11:30 a.m. in One West, Wilson Hall. The movie will deal with psychological and physiological changes that occur in runners. The event is open to everyone. Club activities are for beginning as well as for advanced runners.

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