

May 16, 1985

FERMI NATIONAL ACCELERATOR LABORATORY

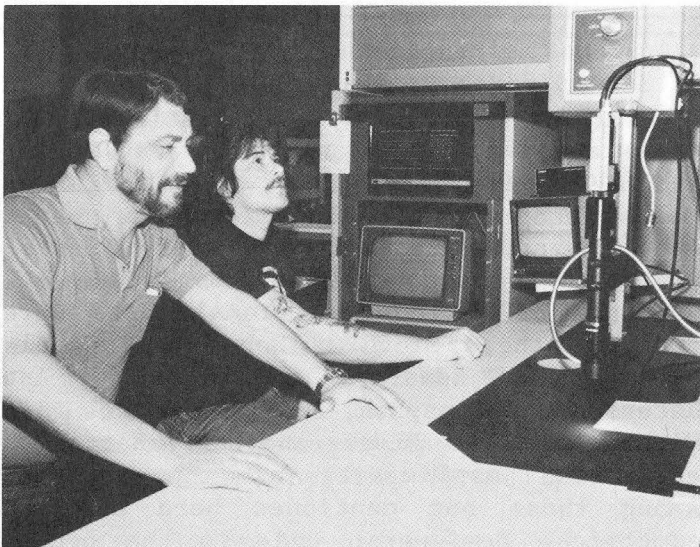
# Material Control Puts the Parts in Tevatron I

One important aspect of TeV I production was the work of Technical Support's **Material Control Group**, headed by Gregg Kobliska. This group is comprised of the Parts Procurement, Inspection/Quality Control, and Magnet and Component Storage departments.

**Parts Procurement's** responsibilities include the ordering, coordinating, and expediting of parts, tooling, and supplies used in the production of magnets, vacuum chambers, stochastic-cooling, and other components. Tricia Neer supervised this group throughout the project. A group of three expeditors, Debby Cobb, T. J. Gardner, and John Zweibohmer, handled the day-to-day ordering of various parts. These people received supporting clerical help from Rose Broomfield, Susan Lewis, Edie Loskot, and Peggy Montgomery.

Keeping the Magnet Facility supplied with parts on a timely basis was accomplished by the extensive use of outside machine shops and our own Central Shop. This effort was coordinated by Jim Dowd. Through his efforts, we were able to get quick deliveries on many items.

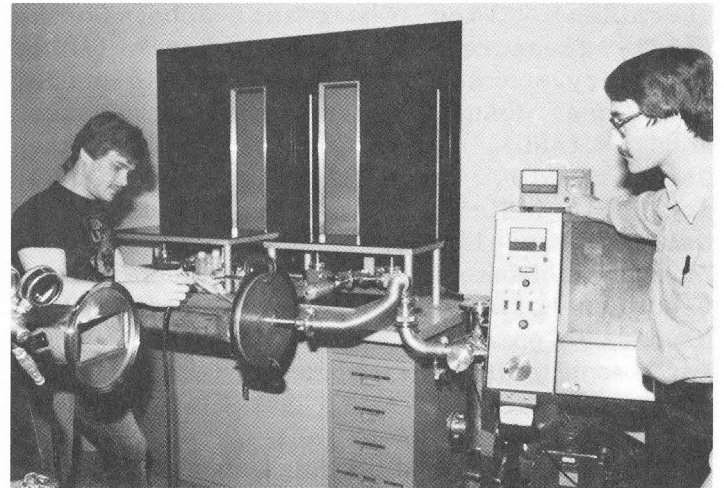
The **Inspection/Quality Control Group**, supervised by Gerry Czop, played an important role in the areas of vendor and in-



Steve Merkler and Paul Forester check a small dipole lamination on the Cordax Coordinate Measuring Machine.

# FermiNews

## the Parts in Tevatron I



Dan Assell and Rob Riley are leak-checking a vacuum chamber for a sweeping magnet.

house quality control. Our inspectors worked virtually day and night checking laminations as they were made. Paul Forester, Steve Merkler, and Rob Riley wrote programs and inspected hundreds of laminations and piece parts on the Coordinate Measuring Machine (Cordax). Dan Assell, Walter Bird, Rick Diehl, Mark Oropeza, and Tom Van Raes did mechanical inspections, leak checks, and vendor visits continuously.

Linda Alsip, Steve Fuesting, Chris Hirner, John Matheny, Teresa McGee, Marsha Patterson, Doug Porch, and John Ziman of **Magnet and Component Storage**, supervised by Art Paulsen, have done an excellent job in storing parts, sorting laminations for production, keeping accurate records, and generally accommodating the varied needs of TeV I in an expeditious manner.

Earl Bowker's **Machine Shops** responded quickly when called upon to provide parts and tooling, and make revisions.

The **Purchasing and Contracts** departments, headed by Dick Auskalis, had some interesting experiences trying to keep up the flow of parts to the Magnet Facility. Dick was ably assisted in **Contracts** by Ed West, Helen Fearnley, Norb Lesnieski, Dick Mau, Larry Vonasch, and the late Russ Lauer; and in **Purchasing** by Bill Couch, Ed



# Argonne Credit Union Meets and Elects 1985 Officers

March 20th was the setting for the Argonne Credit Union's 35th Annual Meeting held at Argonne National Laboratory (ANL). Elected as the 1985 ACU officers were: Tuncer Kuzay (ANL), Chairman; Jean Plese (Fermilab), Vice Chairman; John Chonko (ACU), Treasurer; and Thomas Kotek (ANL), Secretary. Rounding out the 16-member Board are: JoAnn Baaske (Fermilab), Charles Bobula (ANL), Rudy Gebner (ANL), James Gerdes (ANL), Mary Ellen Hennebry (ANL), Roy Hopla (ANL-W), Charlotte LeGrand (ANL), Colleen Mendell (ANL), Dale Mohr (ANL), Bryan Robinson (ANL), Ramesh Sood (Fermilab), and Richard Vergas (DOE/OC). Credit Union directors serve on the Board for a one-year term and receive no monetary compensation.

Loan rates and savings dividends were a hot topic at the March Board of Directors' meeting. On the lending side, it was decided to offer a reduced interest rate of 11.0% on new 1985 auto and truck loans during the period of April 1 through June 30 when financed for terms of up to 36 months. Also available during this time is a special reduced rate of 12% on new 1985 cars financed from 36 to 48 months, and on all types of titled, new 1985 recreational vehicle loans for periods of up to 48 months. Longer financing terms may be arranged under the Credit Union's variable-rate loan plan. All loan features, such as no penalty for early repayment, options of making extra payments, loan repayment through payroll deduction, etc., are, as always, available with these special spring interest rates.

Savers take note that the quarterly dividend rates, as declared at the March Board meeting and paid on March 31, were as follows: common shares, 6.75%; share draft, 6.00%; and club accounts, 6.00%.

The dividend rate on I.R.A. accumulation accounts for the second quarter (April 1 through June 30) will be 10.0%. I.R.A. FLEX CDs (Certificates) will earn no less than 10.0%, but can increase during the quarter since this rate is indexed to 180-day U.S. Treasury Bills.

Tabulations on the recent Credit Union membership survey were processed in late March. The ACU will have the finalized analysis this spring. "This analysis will serve both as a guideline and stepping stone for future Credit Union planning," Chairman Tuncer Kuzay explained.



## A.C.U. "Fun Days"

The Argonne Credit Union, together with credit unions throughout northern Illinois, will be celebrating "Credit Union Family Fun Days at Six Flags Great America," June 15-16 and 22-23.

Tickets are available in the Fermilab Credit Union Office, WH1W, at the discounted price of just \$10 per person. This represents a savings of \$4.25 off the regular admission of \$14.25. Tickets are valid during the two June weekend dates.

*(cont'd from previous page)*

Fahy, Dortha Jennings, Willard Kautz, Carolyn Longland, Joe Miller, Joe Morgan, and Neil Olson. Because of the cooperation of these people, and the close working relationship between the buyers, machinists, and requestors, some real accomplishments were realized.

As the assembly of the Antiproton Source nears completion, so too ends several years of design, drafting, and detailing by many people.

Meanwhile, many Fermilab employees were working on other parts. Ron Smith, Steve Wesseln, and Chuck Nila saw to the

connections between stochastic-cooling tanks and the vacuum chamber. Tony Parker and Allan Bart took care of water manifolds, heat sinks, and bakeout equipment. Don Breyne, directed by Larry Sauer, designed the magnet stands and hangers. Drawings of various additional parts were done by others, such as Bob Hring, Dennis Schmitt, Jim Edwards, Mickey Ackman, Art Peters, Peggy Crayton, and Tony McKee. Jim Michelassi, Joel Misek, and Larry Bartoszek engineered many parts of the machine. Among those not mentioned here are the electrical designers, and all the people who make the wiring drawings. But, that's another story.

-Gregg Kobliska and Glenn Lee

# Fermi Volleyballers Triumph



Back row, from left: J. Jensen, G. Krafczyk, G. Giese (coach), P. Yurista, B. Mackinnon, B. Merz, and M. Mills. Front row, from left: M. Moy, T. Lahey, L. Krafczyk, S. Takasaki. (Photo: K. Jordan)

April 24, 1985, marked the end of a long and successful campaign in the Fox Valley Park District Volleyball League for a group of Fermilab employees. Twenty-two weeks of Friday or Saturday practices at the Recreation Center were rewarded with the "D" league championship.

Sponsored by Murphy's Tavern of St. Charles, the team members included Terry Lahey, Louise Krafczyk, Shuko Takasaki, Melody Moy, George Krafczyk, Brian Mackinnon, Peder Yurista, Jim Jensen, Bill Merz, and Mark Mills. The first-year team compiled a 19-5 record en route to the championship, narrowly missing a trip up to "C" league. The championship tournament included a quarterfinal drubbing of a hapless Fermilab team, followed by a 3-game battle with a surprisingly tough Belden squad. The championship match consisted of a 16-14, 15-11 upset of a Creative D.J.'s team that previously had defeated Murphys.

—G. Giese

## CORRECTION

Nancy Penson of the Travel Office works hard at her job, but not quite as hard as it might appear based on an article in the last issue of **FermiNews**.

Nancy actually processed 2,900 airline tickets last year, not 29,000. Sorry Nancy, sorry TWA, sorry United, sorry Delta...

## Ask Philo...

Dear Philo,

Whenever I get on the elevators in Wilson Hall, I feel so unorganized. I know there are things I should be doing, rules I should be aware of, but I just don't know what they are. I can't very well stop riding the elevator; I work on the roof, polishing the microwave antennae. I need some structure. Can you help?

Vertigo

Dear Vertigo,

You're in luck. There are clear-cut rules for elevator behavior, and it's high time (no pun intended; well, maybe a little) we all observe them. Lack of proper elevator conduct is widely held to be the underlying cause for the demise of the dinosaurs, the Roman Empire, and the Yankees:

**Longfellow's Elevator Rules:** (1) Face forward. (2) Fold hands in front. (3) Do not make eye contact. (4) Watch the numbers. (5) Don't talk to anyone you don't know. (6) Stop talking with anyone you do know when anyone you don't know gets on the elevator. (7) Avoid brushing bodies.

(Psychologist Layne Longfellow, quoted in *New York*, November 21, 1977, in the article "What New Yorkers Do in Elevators." Longfellow says we observe these rules "to protect against the possibility of intimate contact.")


Proof of principal: **Sharkey's 4th Law of Motion.** Passengers on elevators constantly rearrange their positions as people get on and off so there is at all times an equal distance between all bodies.  
—from *The Official Rules*, Dell Publishing.

Dear Philo,

I work in the Village. We don't have any elevators. None of this means anything to me. What should I do?

Left Out

Dear Left,

Count your blessings: ground floor through 16. 

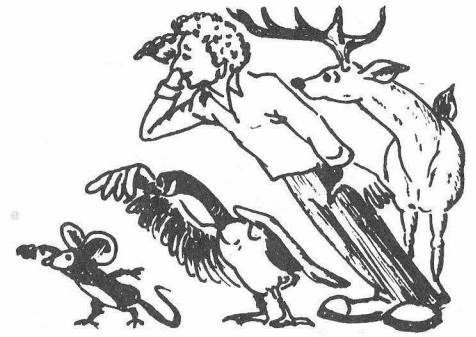
Copies of the May issue of **National Geographic**, in which an article on Fermilab appears are available in the Public Information Office. Cost is \$1.10/issue.



Eye

on

Fermilab



### Sci-Fi Film Festival

On Friday, May 24, and Saturday, May 25, the Fermilab International Film Society will present a Science Fiction Film Festival in Ramsey Auditorium, featuring some of the outstanding recent entries in science-fiction filmmaking. **Blade Runner**, the tale of a sci-fi private eye, will be shown at 8 p.m. on the 24th, followed at 10 p.m. by H. G. Wells' **The War of the Worlds**. On Saturday, May 25, Jane Fonda's immortal **Barbarella** will be shown at 8 p.m., and capping off the festival at 10 p.m. is Ridley Scott's chilling **Alien**. Tickets are \$2 for adults, 50¢ for children.

### Stockrooms Take Stock: The Sequel

Site Stockrooms located in the Wilson Hall Catacombs and Site 38 Warehouse will take annual audited inventories the week of May 20-24, 1985.

The Wilson Hall Stockroom will close May 20 and 21; the Stockroom at Site 38 will close May 22-24, 1985.

"To maintain service continuity, one Stockroom will make **emergency**, and I emphasize **emergency**, issues while the other undergoes inventory," said Gene Guyer, Stores Management Supervisor. Contact ext. 3808 for information.

### Congratulations To . . .

Carol and Ted (Accel. Div.) Williams on the birth of Elizabeth Ann on March 28, 1985, in Delnor Hospital. Elizabeth was 20 inches long and weighed 8 lbs and 15 oz. Welcoming Elizabeth home were brothers Theodore and John.

*R. Fenner, editor; S. Winchester, ass't. editor*

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### A "Good Scout" Without a Doubt!

A lot of people wear two hats, but PFC Jeanine Lentini, daughter of Pete (RD/CRYO) and Georgette Lentini, has found a way to wear two hats **and** two uniforms.

Jeanine, stationed in Savannah, Georgia, with the 224th Military Intelligence Battalion, and her friend, Sp4 Rhonda Farley, have been devoting their off-duty hours to providing leadership for the Girl Scouts in Troop 596.

In a story that appeared in a recent edition of the **Savannah Patriot**, Jeanine said, "I do artistic work, and the Girl Scouts needed some banners and decals done. Then I attended some of their meetings. I met the girls and decided that I would like to...help out as much as [I] can."

In addition to the feeling of accomplishment she gets from her Scouting activities, Jeanine is getting some tangible rewards as well.

"It taught me about leadership. We have girls from different backgrounds, but they all get along great together. It's fun watching and learning with the girls."

### Accommodations Office Change

The Accommodations Office is currently responsible for the Reception Desk in the Atrium of Wilson Hall. You may still purchase Plitt tickets, Rose tickets, Ravinia tickets, Great America tickets, pool passes, Recreation Complex cards, Fermilab t-shirts, and jackets by contacting Marilyn Smith at ext. 3353, or the Accommodations Office, Wilson Hall 1NE.

If you are leaving the area for the summer, you may wish to sub-lease your home to a visiting scientist. Please contact Cheryl Bentham or Pam Naber in the Housing Office, ext. 3777.