


The Village Crier

 national accelerator laboratory

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PROGRESS REPORT - MAY 8 THROUGH MAY 13, 1972

The week was devoted to a shut down for modifications in the Main Ring water system and accelerator control systems. Accelerator components were checked out over the weekend and operation was resumed and will continue for the next 3 weeks.

EEO PROGRAMS CONTINUE SEARCH FOR "INHERENT POTENTIAL"

The Equal Employment Opportunity Office at NAL aims for meaningful, concrete contributions to the causes it serves. The "Policy Statement on Human Rights" issued by Robert R. Wilson, NAL Director, and Edwin L. Goldwasser, Deputy Director, on March 15, 1968 set the pace for these efforts:

"It will be the policy of the National Accelerator Laboratory to seek the achievement of its scientific goals within a framework of equal employment opportunity and of a deep dedication to the fundamental tenets of human rights and dignity.

We have seen the creation of NAL near Chicago in a year of social tension and urban unrest, and we have observed the destiny of our Laboratory to be linked to the long history of neglect of the problems of minority groups. We intend that the formation of the Laboratory shall be a positive force in the progress toward open housing in the vicinity of the Laboratory site. We intend that it shall also make a real contribution toward providing employment opportunities for minority groups. For this, the principle of equal opportunity is not enough. Special opportunity must be provided to the educationally deprived if they are to be able to exploit their inherent potential to contribute to and to benefit from the development of our Laboratory. This is a matter of personal conviction as well as of practical necessity. We expect to create conditions for special opportunity by adopting aggressive employment practices and by instituting special educational and apprentice training programs."

Under the direction of Kennard Williams, the EEO office assists minority employees in finding housing in the DuPage-Kane county area. The source of the problem has changed notably in the three years the EEO office has functioned, Williams notes. "Whereas three years ago discrimination was our biggest hurdle, it is now an economic problem. Our new minority employee is, typically, young, under 28. He has little money. He can afford rent of \$165 a month, but he can find nothing for less than \$185-\$210 a month.

"A young person possibly trying to break his ties with the inner city ghetto and meeting this kind of problem headon as he relocates is easily discouraged."

Warren Cannon, Roy Rodriguez and Joyce Howell of the EEO office are available to render all possible assistance to a young employee in this situation. They may accompany the newcomer to real estate offices in the area, sharing all information on housing being developed in the area. A new development with income limit entrance requirements is being finished in the near vicinity of the Laboratory, promising some badly needed relief for these people.



...Kennard Williams...

The EEO staff also urges new families to become an active member of local community

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...Warren Cannon...



...Joyce Howell...



...Roy Rodriguez...

churches, human relations groups, etc., where additional help and advice can often be found.

Williams has been affiliated with the Committee for Minority Participation in Physics since its inception. The long range goal of this Committee is to stimulate the interest of minority persons in entering the field of physics, a combination widely recognized as long-neglected. Mindful of this purpose, Ken pursued a contact with George H. Hampton of the European Organization for Nuclear Research (CERN), in Geneva, Switzerland, which included Ken's speaking to the CERN Board of Directors, successfully planning for the cultural stimulation CERN might enjoy from including three U. S. minority students in its 1972 summer program. Subsequently, three students have been given the opportunity for summer study at CERN. They are:

1. Donald Digil of New Mexico Highlands University, a 3rd year student in physics who maintains a 4.0 grade average.
2. Dallas Scott who will graduate from Howard University in June and who participated in NAL's summer program last year. Scott has been accepted for graduate study at the Massachusetts Institute of Technology.
3. Herman White, a graduate student in accelerator physics at Michigan State University. White has also worked at the Argonne National Laboratory ZGS synchrotron. He will continue his studies at MSU in the Fall.

The three will leave for Switzerland June 2nd. The cost of the program, some \$3,250, will be funded from American sources but CERN has stipulated that the students shall be paid no more than the going wage there of 1,000 francs (approximately \$250) per month during their 12-week stay.

The philosophy of the CERN Exchange program is the same as that of the NAL summer program, during which twenty-two students from nine schools will be given first hand contact with physics at NAL.

Ken Williams explains, "In non-minority communities there are enough cultural and scientific exposures so that students become motivated as they mature, but in minority fields young people reach adulthood before they experience this exposure.

"We are trying to stimulate the total dedication that makes a good physicist. And we recognize that minorities will have to accept their share of any unemployment that may occur in the field."

Students participating in NAL's summer program will arrive at NAL in early June. They will live in dormitories at Aurora College, commuting by bus to NAL. According to Williams, "They are given meaningful jobs assisting engineers and physicists, for, in fact, the responsibility for the success of the program lies with the supervisors and technicians who must give the student the answers to his inquiries and questions that will challenge him to go further."

Photos by Tim Fielding, NAL

NAL'S STORY IN TWO CURRENT MAGAZINES

The CERN Courier magazine, published at CERN Laboratory, Geneva, Switzerland, features in the April, 1972 issue, the first 200 GeV operation of NAL's proton synchrotron. NAL employees and users will find the 5-page salute very interesting as it recounts the five year development of NAL and comments on NAL's place in the particle accelerator spectrum.

Brian Southworth, Editor, makes the following editorial comment: "As the NAL team continue their work to bring their accelerator fully into operation to feed experiments, the high energy physics community will wish to congratulate them on their achievement in reaching 200 GeV and on the vigour and enthusiasm with which they have brought it about. It has been an exhilarating experience to follow the progress of the project and we look forward with even more interest to the start of the experimental programme."

The 200 BeV achievement is also featured in the May, 1972 issue of Physics Today. Author Gloria Lubkin reports on the technical aspects of bringing the NAL accelerator system into operation.

Copies of both magazines are available for review in the NAL Library or the Public Information Office at 35 Blackhawk.

FAMILY NIGHT AT THE MOVIES - SUNDAY, MAY 21

Two Charlie Chaplin films may be seen at NAL on Sunday, May 21, at 7 p.m. in The Village Barn. They are "A Night at the Show" and "Easy Street".

The "Short Films from the Silent Era" program sponsored by the NAL International Film Society, also includes "The Goat" and "Cops" with Buster Keaton and "Soldier Man" starring Harry Langdon.

Admission for children 14 years and younger is 50¢; for adults, \$1.00. Visiting families welcome!

FELICIA SUFFERS FATAL ILLNESS

NAL regrets to advise that Felicia Ferret died on Tuesday, May 9. Felicia made many friends both inside and outside the Laboratory. Her task at NAL was performed in the early construction phases of the Meson Laboratory when she pulled a string attached to her harness through 3" x 4" vacuum chambers that will eventually carry the proton beam. A swab was then attached to the string and pulled through to clean the tubes. Her naturally elastic body enabled her to extend herself through a remarkably small space, only as large as her head, as she pursued a course toward the light at the end of the chamber-tunnel.



...Felicia...

Felicia's story has been told widely in the U. S. and abroad, capturing the imagination and affection of many people. She had been in semi-retirement since last Fall when construction progress produced tube lengths that far exceeded her capacity, which was about 300 feet. A mechanical ferret developed by NAL engineers took over the job of cleaning vacuum chambers in the Main Ring -- eight segments of about 2,600 feet each.

Charles Crose, Accelerator Section, and Wally Pelczarski, Internal Target Section, gave a great deal of personal attention to Felicia, including caring for her in their homes when the regular boarding spot at the Winfield Mink Farm was not available. Charles cared for her at his home as late as Sunday and reports that she appeared to be feeling badly in the afternoon and he decided she needed professional attention early Monday morning. Medical treatment seemed to give Felicia quick relief; she had improved greatly Tuesday morning, but was found dead by the veterinarian after lunch Tuesday. A post mortem test revealed a ruptured abscess in her intestinal tract.



..C.Crose....W.Pelczarski..

Photos by T.Fielding, NAL

It is planned that Felicia's body will be stuffed and mounted, to be displayed permanently as a symbol of early NAL development problems and solutions.

BERNIE LENSMEYER MOVES TO NEW FRONTIER



B. Lensmeyer

Bernie Lensmeyer, who opened NAL's food service early in 1969, leaves the Laboratory this week to devote more time to his personal interest in the Purple Cow restaurant in Aurora. Utilizing the best of modern, convenience foods, Bernie performed yeoman service, creating an area of hospitality under the most austere of conditions early in NAL history. Serving as cook, maitre'd, and general handyman, he wove together two Weston houses and a butler-type building into a cafeteria facility and quickly produced the hot foods that were much appreciated by NAL pioneers. Bernie also gave much support to all recreational activities on site.

Before coming to NAL, Bernie had supervised food service at the University of Ottawa, Ottawa, Kan., the University of Rolla, Rolla, Mo., and Christian College, Columbia, Mo. In recent months he had worked with NAL off-site housing arrangements for visitors/users. (Photo courtesy of Aurora-Beacon News)

ANNOUNCING 1972 MONTE CARLO NIGHT - SATURDAY, JUNE 3RD

Come for dinner, 7 p.m. at the Village Cafeteria, then pile up your play money winnings from a variety of games of chance, beginning at 8 p.m. in the Village Barn, so that you can bid on free prizes at 11 p.m.! Music, cash bar throughout the evening.

Visiting users and families welcome -- one of NAL's most popular social events! Tickets available at \$3.50 each from NALREC representative or at Personnel, 21 Sauk in the Village. Space for supper limited to 200. For further information contact Greg Chartrand, Ext. 207.

MAJOR LEAGUE GAME TRIP PLANNED

A limited number of tickets are available to see the Chicago White Sox play the Detroit Tigers on Friday, July 7th. The \$4.00 price includes a reserved grandstand seat, bus fare from the NAL Village and return, and refreshments on the bus.

Tickets may be purchased from Paul Davis, Accounting, or Eric Jarzab, Personnel, 21 Sauk.

FOR YOUR INFORMATION...Details will be announced shortly on the opening of the NAL Swimming Pool for the 1972 season, scheduled tentatively for the weekend of May 27th.

NALWO NEWS

The Sing-A-Long group will meet Friday, May 19, at Shakey's Pizza Parlor, Downers Grove, at 8:30 p.m. For further information, call Pauline Reardon, 653-5339.

CLASSIFIED ADS

FOR SALE - 1966 Pontiac Cat., 389 Engine, Auto., ps, pb, new shocks, \$650 or best offer. Call Ernie, Ext. 210.

FOR SALE - Camper for short bed pickup. Welded Sq.tubular steel frame, insulated, white enameled alum. exterior, storage compartments, ice box & table. \$550. Call Gus Rehbein, Ext. 782 or 665-0958.

FOR SALE - Wooded acre lot 7 mi.west of Batavia. 879-2800.

FOR SALE - Glider-swing-sofa for porch/patio. Colorful cushions-alum.frame. \$12. W.Hanson, Ext.555 or 469-0700.

FOR SALE - Golf Clubs 2-9 Spalding Top Flite Executive irons \$50; 1-4 PGA Woods \$40. Mike May, Ext. 724.

FOUND - Slide Rule near Linac & Road A-1. Call DUSAF, 879-2900, Ext. 296.

WANTED - 10 speed Schwinn Men's bike. Ext. 572.

The Village Crier is published by the Public Information Office of the National Accelerator Laboratory. Margaret M.E. Pearson, Editor. Correspondence may be directed to the address below. Telephone number of the Laboratory is 312-231-6600.

National Accelerator Laboratory
P.O. Box 500
Batavia, Illinois 60510

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