

The Village Crier

 national accelerator laboratory

Operated by Universities Research Association Inc.
Under Contract with the United States Atomic Energy Commission

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PROGRESS REPORT

The NAL Main Accelerator reached an intensity of 5.22×10^{12} protons per pulse at 12:16 a.m. on August 8, 1973. An important contribution to this milestone was the successful two-turn injection into the Booster. The event was an intermediate goal in the on-going program to achieve design intensity of 5×10^{13} protons per pulse in the Main Accelerator. It was an occasion to pause briefly before continuing on, to celebrate the success of many months' efforts.

David Kindelberger, one of NAL's accelerator operators, snapped photos for the VILLAGE CRIER at an impromptu midnight champagne-paper cup celebration in the Main Control Room.



...(L-R) S. Mori, D. Young,
R. Hiveley, D. Plant...

..E. Goldwasser..

...(L-R) P. Reardon, P. Liv-
dahl, and R.R. Wilson...

ENERGY CONSERVATION AT NAL

In a message June 29, President Nixon called attention to the magnitude of the energy crisis facing the nation. He suggested that overall energy consumption in the nation should be reduced by 5% next year. As a step toward this goal, he has asked agencies of the federal government to seek every reasonable means of bringing about a 7% reduction in consumption of energy resources by the agencies. A number of steps are being taken to meet this end at NAL. It is recognized that the NAL accelerator system while a very large user of electrical energy, is an important tool of the research that may lead to new insights on sources of energy. It is not planned to curtail the use of energy at NAL toward this purpose.

There are many ways in which NAL employees can individually begin immediately to contribute to the conservation of energy:

CAR POOLS - The Village Crier Office, 35 Blackhawk, Ext. 3351, will maintain a list of employees' home addresses and will serve as clearing house for inquiries about car pools. If you live in Joliet, for instance, and want to know who else lives in Joliet, with whom you might want to make a car pool arrangement, this information is now available to you. If you prefer, you may place an ad (no charge) in THE VILLAGE CRIER indicating your needs. Five passengers in one car, instead of each in a separate car, means an 80% reduction in the gasoline used by those people to get to work. It might

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HELP CONSERVE ENERGY

- 1. OBEY POSTED SPEED LIMITS BUT IN NO INSTANCE EXCEED 50 M.P.H.
- 2. MINIMIZE TRAVEL
- 3. KEEP TIRES PROPERLY INFLATED
- 4. SHUT OFF ENGINE WHEN NOT IN USE

HELP CONSERVE ENERGY

- MINIMIZE USE OF AIR CONDITIONERS
- SHUT OFF UNITS, BEFORE LEAVING AREA

...Label at left reminds drivers of NAL cars of gasoline conservation; at right, posting on NAL air conditioners...

also be possible to hitch-hike a ride from the commuter train station in West Chicago with fellow employees who live there.

RIDE SHARING ON-SITE - To help cut down on the gasoline consumed in on-site errands, the Laboratory has established three personnel pick-up points. The idea is that instead of each person using a personal car for an errand, an effort should be made to hitch-hike a ride by going to one of the pick-up points where another person-on-an-errand could stop and determine if anyone waiting at the pick-up point wants to go in the same direction the driver of the car is going. If even one-half of the duplicated gas consumption is eliminated, Laboratory personnel will be helping the gasoline shortage.

Pick-up points are identified by the signs shown in the photos below. They are presently located: 1) 28 Shabbona Street, in front of the Curia; 2) at the northeast corner of the intersection of Sauk Blvd. and Batavia Road; 3) at the north end of the Transfer Hall.

SHUTTLE BUS ON ROAD "A" - A shuttle bus is now operating on Road "A" between the Cross Gallery and the Bubble Chamber area at about 30-minute intervals to transport anyone working in this area. The bus also makes side trips to the experimental areas.

GOOD DRIVING PRACTICES - Limit driving speed to 50 m.p.h. Shut off engine when not in use. Keep tires properly inflated. (A tire gauge and air pump is located on the west side of the vehicle maintenance garage at 28 Sauk in the Village available for the use of NAL motorists.)

PERSONAL HABITS - Light, loose clothing worn in hot weather cuts down on the need for air conditioning, one of the largest users of electrical energy. Remember to turn off lights, air conditioners, xerox machines, and other equipment when leaving an area for an extended time.

The Laboratory plans to mark strips along the present roads on site, to facilitate the safe use of bicycles. Further details of this plan will be announced later.

The VILLAGE CRIER would be interested to hear of employees' successes and failures in conservation efforts in order that help could be given to make the plans more successful.



...Personnel ride-sharing pick-up points now in use at NAL. Left, O. Robertson, W. Robinson at Curia station; center, D. Oprondek, Transfer Hall; C. Reardon, Sauk Blvd. and Batavia Road...

6TH ANNUAL NAL FAMILY PICNIC

SUNDAY, AUGUST 19

(STARTING AT 11:00 A.M.)

PONY RIDES
(Near Photo Unit)

GAMES and RACES
1:30 p.m.
PRIZES

Dancing to 4 piece Rock
Band on Tennis Courts
(11:30-1:30..2:30-4:00)

MODEL AIRPLANE DEMONSTRATION
(NAL Barnstormers)

BRING YOUR OWN PICNIC LUNCH
(Charcoal, starter furnished)

FREE

FREE

SOFT DRINKS

HAYRIDES

BEER

COTTON CANDY

POTATO CHIPS

ICE CREAM

COMING EVENTS AT NAL

BOATING SAFETY COURSE BEGINS SEPTEMBER 12...The U.S. Coast Guard will provide a trained instructor for an 8-week "Boating Safety" course that will begin at The Village Barn on Wednesday, September 12 at 7:30 p.m. "Safe boating is no accident" is the theme of the sessions which offer a certificate of completion and inspection of equipment. Sign up with Art Streccius, Ext. 3580.

CUBS GAME TICKETS ON SALE...Gene Plant, Plant Services, Ext. 3421, has tickets for a Chicago Cubs-New York Mets game on Saturday, September 29. Tickets at \$7.50 include bus transportation leaving The Village Barn at 11:30 a.m. Call Gene, Ext. 3421, for further information.

CHILDREN'S SWIM MEET...Sunday, August 26...2 p.m. Further details in next week's VILLAGE CRIER.

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...NAL employees recently met for the monthly Directors meeting held for the first time in the auditorium adjoining the Central Laboratory building. The 900-plus seating capacity of the auditorium, compared to the 100 seats of the Curia where meetings were held previously, now assures comfortable seating for all who attend. The meetings, open to any Laboratory employee, provide a monthly review of NAL activities particularly in the technical area as well as comments by the Director and a question and answer period...

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REGISTRATION, STARTING DATES FOR LOCAL COLLEGES

NAL employees are encouraged to develop their knowledge and skills through a tuition reimbursement program. Any degree program or course appropriate and pertinent to the employee's career at NAL will be approved for reimbursement.

NOW is the time to register for the fall term. Most current catalogues of the colleges in the area and many fall class schedules are available in the NAL Personnel Office (see Ruth Thorson). Registration and starting dates for some colleges are:

<u>COLLEGE</u>	<u>REGISTRATION</u>	<u>CLASSES BEGIN</u>
Aurora College	Now to September 5	September 5th
College of DuPage	" " " 11	September 24th
Elgin Community	" " August 31	" 10th
Elmhurst College	August 24 and 25	" 7th
George Williams	September 25 - October 1	October 2nd
Illinois Benedictine	September 4 and 5	September 6th
I.I.T. (Evening)	August 27 and 28	" 24th
Joliet Jr. College	August 21 and 22	August 23rd
Midwest Engineering (by mail)	September 10 - 21	September 24th
North Central College	September 8	" 10th
Waubensee Community	August 23 and 24	
	(by mail, August 23)	August 27th
Wheaton College	September 18 and 19	September 20th

For further information, call Ruth Thorson, Ext. 3324

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FRIDAY - AUGUST 17

FOLK DANCING - The Village Barn - 8:30 p.m. Refreshments and instruction. Everyone welcome. For further information, call Marilyn Griffin, 584-2801.

NALWO SING-A-LONG - 8:30 p.m. - Otavka's - 8016 Highland Ave., Downers Grove. Bring an instrument. Pizza and beer will be served. For further information, call Mary Otavka, 969-6199.

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WANT TO GET RIDE OF YOUR WHITE ELEPHANTS?..Bring them in for NALWO's September 23 Festival. They may be left at the Visitors Center, 33 Shabbona, or call Mary Ann Ryk, 968-8651. Plan now for a last of the summer fling at the Festival, from 2-6 p.m. at the White Farm. Features include an arts and crafts display, children's games, pony rides, baked goods, food and drink.

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BACK BY POPULAR DEMAND...Another NALREC Hoe-Down has been set for Saturday, September 1st. Alle-mande-left and do-se-do to your heart's content with Chuck Riley, a new caller at NAL Hoe-Downs. Riley will be on hand from 7:30 p.m. until 11:00 p.m. to provide square dance instructions in the NAL Village Barn. Dress informally, and come with or without a partner. Refreshments will be served. For further information, call Eric Jarzab, Ext. 3397.

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!!! REMEMBER, CREDIT COST LESS AT YOUR CREDIT UNION !!!

CLASSIFIED ADS

FOR SALE - Drop leaf plastic top kitchen table; 12 cup Egg Nog set never used; Hot Top grill; Casco grill; lady's fashionable winter coat-blue; wine holder; intercom; iron; cookoo clock Swiss; towels; Queen size Beautyrest mattress/frame/sheets/pad, twin sz; Bench; pair of three way lamps; Ice skates; ladies size 10-12 dresses; youngster's sled. Call Betty Osborn, 355-2107 after 5:30.

FOR SALE - Concord Mark III stereo tape deck w/tape, \$170 or best offer. Call Al Stump, Ext. 3776.

FOR SALE - Frigidaire Skini-Mini washer/dryer comb., like new; ideal for apartment, \$250. Call John Ingebretsen, Ext. 3511 or 964-6988 after 6 p.m.

FOR SALE - 1971 Silverline Fiberglass boat, 18' trihull w/125 hp mercury outboard, and tilt tandem trailer plus extras. Call Bill Beckley, Ext. 3428 or 892-6326.

TO GIVE AWAY - "Kittens." Call Maury A. Teren, Ext. 3701 or 584-9056.

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