

The Village Crier

 national accelerator laboratory

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NAL EMPLOYEES AND THE ENERGY CRISIS

All NAL employees are again urged to consider ways in which they can individually contribute to the national effort to conserve energy. The recent turn of events in the U.S. points up the fact that the need to conserve energy is not some distant probability, but a here-and-now necessity. It is equally obvious that each person must approach his personal environment with a determination to make changes that will result in his using less energy -- whether it be gasoline and petroleum products, or electricity.

During the past summer, NAL responded to the President's call for reduction in consumption of energy by federal agencies. Official automobile use and air conditioners were curtailed. A shuttle bus operated between the Central Laboratory and experimental areas, running at 30-minute intervals. Many lights have been turned off throughout the Laboratory.

Employees are again urged to be alert for passengers on site at the personnel pick-up points which were established last summer. They are located at 28 Shabbona Street, in front of the Curia; at the northeast corner of the intersection of Sauk Boulevard and Batavia Road; at the north end of the Transfer Hall.

In view of the new urgency confronting the U.S., several possibilities may be considered by NAL employees:

CAR POOL INFORMATION - THE VILLAGE CRIER will continue to give special attention to classified ads seeking to make arrangements for car pools. There is no dollar charge for such an ad. It is best to submit an ad in a written form to THE VILLAGE CRIER, 35 Blackhawk, but a telephone call to Ext. 3351 will also take the ad. A sample ad might read:

WANT TO FORM CAR POOL - from _____ to _____
(city) (Lab section)

VIA _____, _____
(route) (time)

CALL _____, _____
(your name) (your phone number)

These ads will be given top priority in spacing ads in THE CRIER.

THE VILLAGE CRIER also has a list of employees by their place of residence and THE CRIER staff will give all the help it can in bringing people together who live within reasonable distances of one another. One caution is advised in forming car pools. Most insurance policies discourage driving personal cars for pay. It is better to share rides -- one person driving one day each week or one week at a time, then rotating to another driver. Also, check



...If each NAL car carried four passengers instead of one, 75% reduction would transform parking lot, saving many, many gallons of gasoline...

your policy to be sure you have adequate coverage for several people outside of your family riding in your car in the event of an accident. Your insurance agent should be consulted on these points.

BUS SERVICE - Groups of employees may arrange private bus service at a reasonable cost. For example, it is estimated that there are 300 employees who come to NAL from Aurora-Batavia. Bus routes from there to NAL could be arranged to serve groups of 40 people. Each bus would cost \$45 per day, or about \$1.00 for each rider per day, both ways, from Aurora. The route could stop in Batavia, with fares adjusted accordingly. About 200 employees living east of the Laboratory between Villa Park and NAL could make a similar arrangement at a cost of \$55 per day per bus. The bus, traveling on Roosevelt Road, for example, could make stops wherever needed coming toward the Laboratory. A Lisle-Naperville-Warrenville route is another possibility as well as Geneva-St. Charles-Elgin. Wherever enough need exists, another route can be considered.

Two considerations are important regarding bus service: These must be regular customers. (Occasional riders would be welcome, but would pay a higher rate per ride.) There must be a minimum of twenty people in each bus. Employees of other companies in the area who use bus arrangements report it to be very satisfactory. The honor system of paying is apparently successful, as it must be. Each bus has a volunteer "cashier" who takes care of these arrangements (this person may ride free as an incentive). Payments are made weekly, or every two weeks.

THE VILLAGE CRIER staff will help form bus groups. Call Ext. 3351, leave your name, the direction you wish to go, the shift you work and other pertinent details. Lunch hour meetings of bus groups can be held to arrange final routes, and fares, volunteer cashiers, etc. This service could begin immediately. The above cost estimates are from the Wolff Bus Company which proposes to use school busses for this service, reported to be well heated. These private bus routes can be flexible. While a certain amount of give and take must go on in arranging routes, private service is more satisfactory than a distant public transportation system.

You may begin your own personal energy conservation program now. If a nationwide gasoline rationing plan comes about, you'll have a head start on the problem. CALL EXT. 3351 FOR FURTHER INFORMATION.

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NAL PREPRINTS ON DISPLAY

In response to requests from several NAL users, a new routine for handling preprints is being tried in the NAL Library. Preprints will now be placed on display in the Library on Fridays at 2 p.m. They will remain on display for a full week. If interested in a particular preprint, a user may sign his name on the card attached to the preprint, directly under the number. The preprint will be routed to these people the following Friday. If someone is in a particular hurry for a particular preprint, he may copy it himself and return it to the Library immediately. The holding period of one week will, with everyone's cooperation, enable all interested people to see all preprints, according to Roger S. Thompson, Librarian.

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PARTICLE STUDY AIDS AVAILABLE HERE

The NAL Library now has a self-study volume entitled, "Elementary Particles," by Haven White-side, a component of the Harvard Project Physics Course, designed to make the study of physics clear to many people who are not professional physicists. The authors move carefully and methodically through an introduction to the field of high energy, or elementary particle, physics, then to a description of bubble chambers, and a detailed narrative about particles. They tell when and how particles were discovered, and what is yet to come.

The book is current up to the time when the National Accelerator Laboratory came into operation and is therefore a valuable guide and background to the work that will be done at NAL. It would be an excellent volume to add to a college science student's library. If enough are interested, Roger Thompson in the NAL Library will order copies for personal use, at \$2.25 per copy.

Another recent addition to the NAL Library is "Introduction to the Detection of Nuclear Particles in a Bubble Chamber," prepared at the Lawrence Berkeley Laboratory, Berkeley, California. It includes a folding View Master Stereo Viewer and two reels of stereoscopic bubble chamber track pictures for viewing in coordination with an explanatory text. The two media provide a pleasant introduction to the study of particle tracks.

BUBBLE CHAMBER'S CELEBRATION

The men and women who recently commissioned the NAL 15-Foot Bubble Chamber gathered for an evening to celebrate the event on Friday, November 9. The party was the first to be held in the atrium and cafeteria of the Central Laboratory Building. Guests enjoyed the plants and trees as well as the satisfaction of being part of a task well done.



"A MONTH IN CHINA - SUMMER '73

A lecture by Dr. & Mrs. Edwin L. Goldwasser and Henry Abarbanel on their recent trip to China will be given on Tuesday, November 27 at 8 p.m., in the NAL auditorium.

NAL, DUSAF, AEC employees, their families and guests are welcome. Refreshments will be served in the foyer of the auditorium after the lecture.

NAL PROTONS OPEN SEASON

The NAL Protons Basketball Team opened their season Thursday night, November 8, in the Naperville "Y" league with a 78 to 55 victory over the Doolin Realtors. Members of the Proton's team are: Arthur Cobbs, Plant Services; Curtis Danner and Roy Justice, Physics Department; Wayne Waldon, Technical Services; Mike Armstrong and Henry Davenport, Neutrino Section; K.C. Cahill, Theo Gordon, Bobby McNeal, Edward Stitts, Tyrone Thomas, and Mike Wilks, all of the Accelerator Division.

The team is coached by Larry Jackson as head coach (Accelerator Division) and Nelson Sample assistant coach (Central Machine Shop). High point men for the first night of play were Justice, 21; McNeal, 20; and Thomas, 20.

Games are played at Naperville North High School, each Thursday night. SPECTATORS ARE WELCOME. For further information, call Roy Justice, Ext. 3437.

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NAL'S DANCING FEET

The next NALREC Hoe down will be held on Saturday night, November 24, in the Village Barn. Mr. "Rex Stearns" will provide instructions for beginner square dancers from 7:30 p.m. until 11:30 p.m. Pizza, beer and soft drinks will be served. Admission - \$1.00. For further information, contact Peaches, Ext. 3470 or 3479.

REMINDER: NALWO Christmas Ornament Demonstration, Wednesday, November 28 - Village Barn - 9:30 a.m. Call Sandra Cox, 682-0542 for reservations.

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NOTE: NAL will observe Thanksgiving Day, Thursday, November 22, as a holiday, as well as Friday, November 23. There will be no issue of THE VILLAGE CRIER during the week of November 19.

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CLASSIFIED ADS

FOR SALE - 1966 Ford Bronco, 4 wheel drive with a 1970-308 V8 eng., a new 1973 clutch & transmission, and snow plow. \$1300 or best offer. Call Gil Nicholls, Ext. 3117.

FOR SALE - Four 5.60 x 15.00 tires, \$12 for the 4. Call Dwaine Johnson, Ext. 3849 or 879-3986.

FOR SALE - Sears dbl. bed, \$60; 4 sliding doors base cabinet, \$30; TV chair, \$15, G.E. washer & dryer, \$90, lamps, baby furniture, and other gen'l household items. Call C. Pascaud, Ext. 3595 or 879-5281.

FOR SALE - Cat for El Camino pick-up, Johnson make, fits 1968-1972 El Camino pick-up. Call Don Miller, Ext. 3360 or 892-0769.

FOR SALE - Polaroid color-pak camera 104 with electric eye, flash attachment and leather case. Excellent condition, \$30. Call Mike Morgan, Ext. 3088 or 448-1838.

FOR SALE - German shorthaired pointer puppies. Call Jim Heintz, Ext. 3467 or 838-0563 after 6 p.m.

FOR SALE - Christmas cookies (10 var.) \$2 lb, cakes (all sizes), ½ sheet cakes, made to order. Will deliver to NAL 12/10 thru 12/21. Call Vi Caponash, 898-6584.

WANTED - Half shell top to fit 8' pick-up truck. Call T. Hendricks, Ext. 3721.

TO GIVE AWAY - Calico kitten, female w/thick fur, 7 wks. old. Call Jim Bridges, Ext. 3062/879-7684.

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