

The Village Crier

 national accelerator laboratory

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

VOL. 3 NO. 17

APRIL 29, 1971

NAL SWIMMING POOL: Plans are being made to open NAL's swimming pool not later than Memorial Day, May 31. Details will be published in a later issue of the Village Crier.

FINAL MAIN RING MAGNET INSTALLATION DAY AND NIGHT TASK

It was 5:28 o'clock on Friday afternoon, April 16, 1971, when the final and 1,014th magnet was put into place in the Main Accelerator's four-mile ring. Two Atomic Energy Commission Chairmen - Dr. Glenn T. Seaborg, of the United States; and Andronik Petrosyants of the Soviet Union -- watched while Dr. Robert R. Wilson, Director, NAL, congratulated the Main Ring on the achievement of another NAL milestone.

The event took place less than six months after the final pre-cast concrete section was placed in the ring-shaped enclosure which totals approximately 20,600 feet in length. "It was a Herculean effort and I wish to thank all of my NAL colleagues as well as many sub-contractors and their employees for their team spirit which enabled us to achieve this milestone," said Ernie Malamud, Main Ring Section Leader.

The fabrication, measurement and installation of the magnets was a day and night operation centered at NAL's Magnet Assembly building and at a plant in West Chicago. A number of records were set -- the production record was 12 magnets in one day with a

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Belding Engineering workman, Ed Thomas, of Aurora, guides final 20-foot Main Ring bending magnet onto flat bed as Ernest Malamud, Section Leader, congratulates Main Ring members gathered at Magnet Assembly Shop upon the departure of the 1,014th magnet which completed the four-mile Main Accelerator magnet assembly. Event was highlight of 13-hour day for Belding crew, NAL and sub-contractor employees in which 44 magnets were set to break previous Laboratory record. Less than six months earlier, last concrete section for Main Ring tunnel was put into place.

Photos by Tony Frelo, NAL



The 1,014th and final magnet for NAL's Main Accelerator pauses for a few moments at the Sector A major vehicle access on the Ring Road. Members of the Main Ring gathered around it to commemorate the occasion. They are (L to R): Wally Pelczarski, coordinator of installation of vacuum systems; Barb Schlucter, Secretary; Jim O'Hara and Johnny Green, electronic technicians, magnet power supply; Vic Garzotto, in charge of welding all ring piping; Hal Landers, mechanical technician. In rear, standing: Tony Glowacki, coordinator of installation of main ring magnets and tunnel water and power piping systems and Frank Kleber, executive assistant, Main Ring.

FINAL MAIN RING MAGNET INSTALLATION DAY AND NIGHT TASK (Continued from Page 1)

weekly record of 56 magnets and 12 magnets in one day for magnetic measurements with a weekly record of 80 in one seven-day week.

Malamud congratulated the Magnet Assembly shop working under the direction of Will Hanson for their performance in the total effort. During the week that they fabricated and measured the magnets for the final emplacement, employees worked there from 5 a.m. until 4:30 p.m., after having been on a three-shift basis for an extended period. The West Chicago plant made a major contribution in refurbishing previously-fabricated bending magnets.

Special credit, he commented, should be given the employees of Belding Engineering Co., of West Chicago, and, in particular, to Bill Stammet, foreman of the Belding crew which transported the magnets from the Magnet Assembly building to the Main Ring tunnel and the Belding magnet placement crew which included Claude Fletcher, Paul Todd and Warren Musick. On April 16th, the day Dr. Seaborg and the Soviets visited NAL, the crew set 44 magnets, to break their previous record of 26 during a 24-hour period. In order to meet the deadline, the Belding crew worked from 4 a.m. until 5:45 p.m. on the final day.

Last-day efforts at the Magnet Factory were full of hustle and bustle. The almost-completed magnets were loaded on flat bed trucks while workmen continued with final touches such as cleaning and painting the magnets as Belding employees waited to haul them for final placement, about 20 feet below ground level in the Main Ring tunnel.

Among those involved in Magnet Assembly activities were Phil Rosenberg, Supervisor; Clarence Bowling, Assistant Supervisor; Raul Gonzales, Day Foreman, Magnet Assembly; Thomas Gutierrez, Night Foreman and Arthur Gilbertson, Technician. At West Chicago, those involved included Ted White, Manager; Ron Norton, Assistant Manager; Ralph Huggins, Chief Inspector; Donald Mizicko, Night Supervisor; Glenn Spaulding, Day Supervisor and Clayton Bossert, Chief Engineer. Jack Jagger was in charge of the magnet inspection and magnet reworking at both sites. At the site, Bob Sheldon is responsible for the installation of all Main Accelerator components and Tony Glowacki has coordinated the installation of magnets and all tunnel piping. Others involved included Tony Winchester and Joel Rosenberg, who assisted in magnet installation; Chuck Schmidt, Dean Krause and Fred McIntosh, Magnetic Measurements Group, and many, many others.

Each Main Ring bending magnet weighs approximately 12.5 tons and is 20 feet in length. The bending magnets are painted light and dark blue; there also are quadrupole magnets painted red which are four and seven feet in length. Now that the coil and magnet production groups have achieved one milestone, they are producing magnets for NAL's Experimental Facilities areas, as well as spares for the Main Ring. The rest of the Main Ring section is pushing a tight schedule to hook up the magnets, complete the vacuum system, connect power supplies and low conductivity water piping.

...Chicago area federal agency officials, alumni of the Federal Executive Institute, recently toured NAL as guests of Fred C. Mattmueller, deputy area manager, AEC 200 BeV Accelerator Facility office. Mattmueller is an institute alumnus. Shown in photo taken during visit are (L to R): Ruth Morrissey, deputy regional representative, health insurance, HEW; Roger Beck, ass't regional commissioner, collection, Midwest Region Internal Revenue Service; Leonora Marshall, guest; Alva Pilliod, district director, Immigration and Naturalization Service, U.S. Dept. of Justice; Mrs. Shirley McSwain; Fred Mattmueller; Mrs. Ann Mattmueller; Mrs. Evelyn Beck; John Morgan, deputy regional director, U.S. Civil Service Commission; Frank Sherwood, director, Federal Executive Institute, Charlottesville, Va., and C.C. McSwain, Ass't Mgr., Chicago Operations Office, AEC.



ARBOR DAY "DIG" TO BE POSTPONED UNTIL FRIDAY, MAY 7

NAL, AEC and DUSAF employees are invited to join in the annual observance of Arbor Day at NAL which will be held next week -- Friday afternoon, May 7.

Robert Ebl, Landscape architect, Site Management, advises that more than 200 white pine trees will be available for employees to plant at the ceremonies, which will begin at 1 p.m. Interested employees are asked to gather at the Village Barn to collect their trees, shovels and other needs for the event. Bernard Lensmeyer, NAL cafeteria manager, has arranged for free soft drinks to be served.

The trees are to be planted in the windbreak area next to the Photography Building, at 14 Sauk Boulevard, in the Village. The initial plantings in this area were begun on Arbor Day, 1970.

The trees will be obtained free of charge by the Laboratory from the State of Illinois. NAL will send a crew with a "jiffy baller" to a State of Illinois nursery during the week to obtain the trees.

Ebl and his crew also are working in the Village Recreation Area near the Barn. They are planting shrubs and trees in the general area of the swimming pool. Included among the plantings also are lilacs removed from a farm on the NAL site.

In addition, Ebl and his staff plan to put down sod around the NAL recreation area. Tree plantings include red dogwood, pines and others. The ultimate plan is to have the entire recreation area from Aspen East to the Cafeteria appropriately landscaped.

In the last week, Site Management has placed picnic tables in the Barn Area and also put up the Volley Ball court, prepared the horse shoe court and opened the tennis courts for this season.

"We are attempting to make the recreation area a pleasant place where employees and their families can relax," Ebl explained.

REMINDER: Nineteen artists associated with NAL are taking part in the third annual Art Show being held during this week in the Village Cafeteria. Visitors are welcome to view the oils, decoupage, water colors, wood blocks, sculpture, pen and ink sketches and wood carvings that will be on display through Friday, April 30th.

SITE PATROL MEMBER IS STATE KARATE CHAMP

NAL's Site Patrol last week cheered one of its news-making members, Charles Johnson, of Batavia. Johnson was awarded a huge trophy for winning the Illinois State Karate Championship held at the Aurora YMCA. He was one of approximately 200 competitors.

Johnson, a Site Patrol member for 3 months, won five matches in the one-day "black belt" competition in which there were 35 entrants. The "black belt" is the highest group in karate.

Last year, Johnson won the grand championship in Karate in a meet held at Milwaukee. "I've been interested in karate for six years," said the 24-year-old sportsman, a native of Aurora. He has been studying under James Chapman, Karate instructor at the Aurora YMCA, a fifth degree "black belter".

Johnson at present works on the day shift at NAL. His wife, Nancy, is an Illinois Bell Telephone Company employee.

"We are extremely pleased by his victory," said Sgt. George Lara, also of Aurora, who has been on the NAL Site Patrol for 11 months. Lara joined the patrol after serving with the U.S. Army's first Infantry Division's 199th Light Infantry brigade in Cambodia and Vietnam.



...Charles Johnson (L) & George Lara, Site Patrol, admire Johnson's karate trophy...

Photo by Fran Pisarek, NAL

IT'S NOT TOO LATE TO SIGN UP FOR CORONARY TEST PROGRAM

Now in progress in the basement of the building at 21 Sauk Boulevard in the NAL Village is the adult screening program sponsored by the Chicago Heart Association which is conducting tests among NAL, DUSAF, AEC, and sub-contractors' employees to detect coronary heart disease or susceptibility to heart disease.

Anyone who has not already signed up for the tests may do so by calling Mrs. Dorothy Poll, NAL First Aid Department, at Ext. 232. The test plan requires a participant to spend 25 minutes initially and return 45 minutes later for a final blood test. Results of the tests are confidential; individual reports are sent only to the individual and his personal physician.

SEEK MORE SOFTBALL TEAM PLAYERS

There is still time for NAL men to sign up for one of the softball teams now practicing for opening games of the 1971 season. In the NAL Village, Ralph Wagner, Personnel, is looking for one more team to play in the intramural 16" slow pitch games in the Village. Games will be played after work on Tuesdays and Thursdays; practice games are now in progress. To sign up, call Wagner at Ext. 225.

Another group of NAL employees is playing in the Fox Valley Park District Fast Pitch League. More players are needed for the teams that will begin the season with a pre-season round June 7-10 against a team from Don's of DeKalb. Games are played at the Sealmaster and Greene Fields in Aurora. For further information, call Jim Thompson, Ext. 242.

RECREATION ROOM, CANOES, SLEEPING BAGS AVAILABLE

To make the use of the NAL exercise room easier, a key to it has been given to the Site Patrol for retention at the Main Site Patrol Station at Batavia and McChesney Roads. Employees may obtain the key from the guards at this place on week-ends and after working hours. Keys also will continue to be available at 21 Sauk in the Village. Please contact Miss Beverly Braun, Ext. 397, for the key. Incidentally, Miss Braun also is the person to contact to reserve for week-end use one of the several canoes in the NAL recreation pool. In addition, she also has a number of sleeping bags available for the use of outdoor-type employees. It is suggested that you call on Mondays for reservations of these items for the following weekend.

CLASSIFIED ADS

FOR SALE - 1967 Buick Special Station Wagon. Radio, heater, power steering and power brakes. Call John Barry, Ext. 211.

FOR SALE - Fisherman's Package. 14' aluminum Lone Star boat, good condition with extras. 10 h.p. Johnson Outboard Motor. Elgin Boat Trailer fully equipped with Snowmobile ramp. Best offer. Call Ext. 355 or 392-4905.

FOR SALE - 1965 Volkswagen, A-1 condition, \$800.00; G.E. washer and dryer, 8 years old, both for \$125.00; utility ice box, \$30.00. Call Ext. 711.

FOR SALE - 1968 Camaro 327, automatic transmission, vinyl top, snow tires, \$1475. Call Ext. 271 or 898-2114.

FOR SALE - 1964 Ford Galaxie 500 Fastback, 2 dr. hardtop, 390 engine, s.s. w/overdrive, 9000 mi. on engine, radio w/vibra-sonic padded dash, new tires, one owner, no rust. Excellent condition, \$700.00 firm. Call Ext. 711 or 898-6053.

FOR SALE - Dependable 1960 Volkswagen, Reasonable. Call 231-4150.

FOR SALE - Travel Trailer, 1962 Holiday Rambler 17 ft., self-contained, stove, refrig., furnace, Reese Hitch, side mirrors, jacks, \$1175.00. Call Ext. 701 or 323-8586.

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