

# The Village Crier

national accelerator laboratory

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

VILLAGE CRIER - VOL. 2 NO. 2

JANUARY 15, 1970

## AWARD MAIN RING CONTRACT

The award of a contract for \$7,270,700 to the Corbetta Construction Co., of Illinois, Inc., for construction of the second and major phase of the Main Accelerator Enclosure at the National Accelerator Laboratory, has been announced. The contract awarded to Corbetta, which has its offices at 875 East Rand Road, Des Plaines, will be among the largest to be awarded for a single construction project at the Laboratory, located in DuPage and Kane counties, in its current construction phase. The contract calls for Corbetta to complete approximately five-sixths of the Main Accelerator Enclosure.

This phase of the Main Accelerator construction will include the Main Accelerator Enclosure, a reinforced concrete arch section varying from 10 feet to 12 feet in diameter supported on a concrete slab approximately 20 feet below existing grade and 16,000 feet (nearly three miles) in length. The contract calls for underdrains, mechanical and electrical work, and personnel accessways to service buildings at grade. Also included is the construction of access roads, minor vehicle accessways, one major vehicle access building and the construction of embankments over the Main Accelerator enclosure. The work also will include a Radio Frequency Equipment enclosure consisting of a one-story steel and concrete building, and 23 service buildings as part of the Main Accelerator enclosure.

There were six bidders on the Main Accelerator project, ranging from a high of \$9,008,000 to Corbetta's low of \$7,270,700. Advance notice of the bidding competition was issued by DUSAF on October 20, 1969. Solicitations were sent to 373 contractors and/or suppliers for bids, according to Charles L. Govern, DUSAF contracts section officer.

Work on Phase I of the Main Accelerator is about 20% complete. The joint venture of the Schless-Madden Construction Co. was awarded the first phase contract for a total of \$3,428,917 on August 29, 1969. Under the most recent contract, Corbetta has 405 days in which to complete the work after notification to proceed.

A 17-point Affirmative Action plan to achieve an effective state of Equal Employment Opportunity in its work at NAL was submitted by Mario R. Egidi, President of Corbetta. Corbetta reported that, in the payroll period ending December 14, 1969, that 23% of its employees were from minority groups. The DUSAF Equal Employment Opportunity Office, under Robert Scott, will conduct continuing surveys of the Corbetta Affirmative Action Program.

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## GOLDWASSER TO SPEAK ON NAL EEO PROGRAM AT PHYSICS MEETING

Dr. Edwin L. Goldwasser, Deputy Director of NAL, will address the joint meeting of the American Physical Society and the American Association of Physics Teachers to be held at the Palmer House in downtown Chicago on Tuesday evening, January 27, 1970. He will describe the innovations being practiced at NAL in implementing its equal employment opportunity policy.

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## NAL FOREIGN LANGUAGE REGISTRY

From time to time, there is a need for the translation of scientific and other papers at NAL. Are you able to translate any or several foreign languages? If so, please register with Roger Thompson, NAL Librarian. Roger reports there is need for men or women who can translate French, Russian, German, Italian and many other languages at this time. He expects that the need will grow as the Laboratory develops.

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LINAC

The first NAL ground-breaking took place Sunday, December 1, 1968 -- a little more than a year ago -- on a cold, snowy day before about 600 people assembled in a tent near the "footprint" area. It was for the start of construction on the Linear Accelerator Enclosure. The building was completed at the end of December, 1969 and parts of the building were occupied by the Laboratory at that time. The remainder of the building will be occupied early in January. The pre-accelerator pit and linac tunnel were completed and occupied on December 15, 1969, well ahead of schedule. Assembly and erection of the high-voltage set in the permanent building began in the middle of December and was completed mechanically by the end of the month. The prototype 10-MeV tank has been moved over from the NAL Village and is being put into its permanent position.

About a year from now the Linac Section hopes to be celebrating the arrival of a 200 MeV beam from the linear accelerator. Donald Young, Linac Section Head, advises that the schedule to meet the deadline has been drawn up -- now, it's up to the Linac team.

CAR TROUBLE?

If you have difficulty getting your automobile started while in the NAL Village during the winter weather, here's a tip: You can get quick assistance for starting by telephoning George Doyle or members of the NAL Maintenance staff at Extension 421. George asks that calls for assistance be confined to emergencies only within the Village. (Obviously he can't come to your home at 6:30 a.m. to help get your car started.) He suggests that, on very cold days, employees try to start their autos at about 3:30 p.m. and let them run for a while so they can get away at quitting time. One night, January 7, Doyle and his colleagues started a dozen "frozen-in" autos. The main problems were run-down batteries, heavyweight oil in crankcases, and loose fan belts. It was nearly 8:00 p.m. before the last "frozen" car was thawed out enough to leave the Village. The temperature was 8 below zero then and there was a sharp 20-mile-an-hour-wind whipping across the NAL site. On Thursday, January 8, more than 46 "stranded motorists" called for George's help.

#### NEW MEMBERS OF THE NAL FAMILY SINCE NOVEMBER

In the Accelerator Theory group: Susan M. McNamara, Joliet, Key punch operator. Linac group: Greg A. Chartrand, Worth, Technician II; Wayne C. Ganger, Wheaton, Technician I; Santo A. La Mantia, River Grove, Technician I; William F. Carl, Lockport, Senior Technical Aide; Frank J. Mallie, Downers Grove, Engineer II; Daniel Matias, Bolingbrook, Technician II. In the Machine Shop, Rolf M. Joseph, St. Charles, Machinist; Harold J. Warren, Wheaton, Instrument Machinist. Main Accelerator group: Richard R. Downs, Wheaton, Technician II; Harold D. Hann, Wheaton, Contract Administrator; Richard J. Mahler, Downers Grove, Senior Technical Aide; Robert Sheldon, West Chicago, Chemist. In Physics Research: Carol J. Long, Batavia, Scanner I. Radio Frequency: Donald M. Mizicko, Romeoville, Technician; Thomas S. Anderson, Glen Ellyn, Technician. Technical Services: Anthony F. Albaro, West Chicago, Instrument Machinist; James F. Forester, Elgin, Instrument Welder. Village Services: Douglas Ray Johnson, St. Charles, Groundsman; Francis C. Pelletier Aurora, Groundsman.

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#### PROFESSOR OF THE MONTH

Under this new program, a theoretical physicist is invited to give a series of talks at the Laboratory developing some subject that is relevant to NAL programs. The series began in December with Professor J.J. Sakurai. The next Professor of the Month will be C.N. Yang on February 2, 3, and 4. Later, professors scheduled to lecture at NAL will include S. Fubini and G. Veneziano, in February and March; S. Adler (April), S. Treiman (May) and T.D. Lee (May-June).

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#### DECEMBER PROMOTIONS ANNOUNCED

James Buffenmyer, Model Shop, from Model Maker to Senior Model Maker; John Caffey, Booster, from Technician I to Technician II; Hazel Cramer, Main Ring, from Secretary II to Secretary III; Johnny Green, Main Ring, from Laboratory Technician to Technician I; Omer Guyer, Material Services, from Material Services Clerk to Lead Material Services Clerk; Holland Guzinske, Booster, from Technician I to Technician II; Richard Hauser, Main Ring, from Design Draftsman to Senior Design Draftsman; Milton Kampikas, Booster, from Technician II to Senior Technical Aide; Mark Kibilko, Main Ring, from Technician I to Technician II; Edward LaVallie, Main Ring, from Design Draftsman to Senior Design Draftsman; Raymond Lewandowski, Material Services, from Senior Material Services Clerk to Purchasing Administrator, Jr.; Ralph Mataya, Site Management, from Maintenance Man III to Maintenance Group Leader; Bobby McNeal, Booster, from Laboratory Technician to Technician I; Paul Mellick, Booster, from Programmer I to Programmer II; Patricia Oleck, Planning & Scheduling, from Clerk I to Clerk II; James Shallenberger, Main Ring, from Technician I to Technician II; Edward Stitts, Booster, from Laboratory Technician to Technician I; Lawrence Tate, Beam Transfer, from Laboratory Assistant to Laboratory Technician; George Tuma, Model Shop, from Model Maker to Senior Model Maker; Dorothy Vineyard, Accounting, from Clerk III to Senior Clerk.

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#### NAL FIRE DEPARTMENT CALLS FOR VOLUNTEERS

The volunteer NAL Fire Department, with Leonard Grimstead, Site Management, in charge, is now operating on a daily basis, providing site-wide fire protection. Volunteers from among NAL employees are urgently needed to man the equipment. Anyone interested in being an NAL "minuteman" is asked to get in touch with the Fire Department by calling Extension 413. The Fire Department office is located at 34 Sauk in the NAL Village.

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#### HOLIDAY WEDDINGS POPULAR

Friday, December 26, 1969 was the wedding date for Mary Turk, Physics Research, and Bob Jensen, of Booster. On Saturday, January 10, 1970, Cathy Perkins, Accelerator Theory, became Mrs. Edward Paul. Pam Whitlach, Library, and Carl Loberg, were married on January 3rd. Ute Hoenighausen, Director's Office, became Mrs. Richard Carlson, on January 10th.

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#### ON THE SPORTS SCENE

High scorer on the NAL PROTONS basketball team is Roy Justus, Beam Transfer, averaging 17 points to the game. Leading rebounder and also a high scorer is Bobby McNeal, Booster. With a 3-3 record thus far in their first season, the Protons play Jack's Sport Shop on Thursday, January 16. Larry Jackson, Beam Transfer, is now assisting Jim Thompson, Personnel, as player-coach for the weekly games, played at the Naperville High School gymnasium.

Current standings of the NAL Bowling Teams: In first place, the 11th Framers (Mike Hitt, DUSAF; Doris Ferrell, Director's Office; Jack Jagger, Main Ring); second place, the Bisons (Ruth Druschel, Accounting; Bill Fray, Engineering Services; Frank Sitar, Accounting); third place, the Trainees (Lott Coleman, Booster; Kathy Cooper, Personnel; Carol Renar, DUSAF).

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NAL FAMILY SKATING NIGHT - FRIDAY, JANUARY 16 - 7:00 p.m. - NAL Cafeteria - Bonfire and refreshments

#### CLASSIFIED ADS

Yello and chrome kitchenette set with 6 chairs, \$35; one-drawer desk, \$7.50; ski boots, size 12, with boot tree, \$10; Kroehler chair, \$3; floor lamp, \$3; boy's 26" 3-speed Schwinn bike, \$45.  
Margaret, Ext. 242, or 323-1511.

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NALWO is planning a used book sale in February. Leave your old books in NAL Cafeteria bin set aside for NALWO. Jody Eskey, Ext. 348.

National Accelerator Laboratory

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