

The Village Courier

 national accelerator laboratory

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HEARTY CONGRATULATIONS TO CERN!

On February 19, 1971, 10 European nations announced their agreement to join in building CERN II, a new nuclear particle physics laboratory centered on a proton synchrotron at least 10 times larger than the existing CERN 20-30 GeV accelerator which has been operating for nearly 12 years. The accelerator will be built deep underground on a site adjacent to the present CERN laboratory, partly in France and partly in Switzerland. Site work is expected to begin next summer; research is planned to start in 1976. The project's cost is estimated at about \$260,000,000. Following is an exchange of communications between CERN and NAL on the new venture.

Telegram



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=PROF R R WILSON

NATIONAL ACCELERATOR LAB

PO BOX 500 BATAVIA/IL/60510/ILLINOIS

FEB 22 1971

NAL Directors Office

RECEIVED

TELEPHONE NO. 231-6600

TELEPHONED TO OBS

TIME DELIVERED 2:10

EXTREMELY HAPPY TO INFORM YOU THAT COUNCIL APPROVED TODAY

THE LAUNCHING OF THE 300 GEV PROGRAMME =TEN MEMBER STATES

ALREADY PARTICIPATE IN THIS NEW =VENTURE WHICH OPENS A

NEW ERA IN EUROPEAN =SCIENTIFIC COLLABORATION =

J.B. ADAMS DIRECTORGENERAL CERN II =

W. JENTSCHKE DIRECTORGENERAL CERN I :

=COL 300 GEV J.B. II W. 1 =

WUI 1156 (3-67)

TELEGRAM

E. A. GALLAGHER, PRESIDENT

Art work by Geno Loro, DUSAF

TO: Jentschke & Adams

CERN

1211 Geneva 23 Switzerland

022-41-98-11

CHARGE TO THE ACCOUNT OF

TIME FILED

2-23-19 71

MY COLLEAGUES AT NAL JOIN ME IN EXTENDING HEARTY CONGRATULATIONS ON THE LAUNCHING OF THE 300 GEV EUROPEAN COLLABORATION. WE ALREADY HAVE OVER 100 PROPOSALS FOR EXCELLENT EXPERIMENTS OF WHICH WE WILL AT BEST DO ONLY A FEW. WE ARE THUS EAGERLY ANTICIPATING A FRIENDLY COMPETITION AND COOPERATION IN EXPLORING THIS VAST AND EXCITING FIELD OF PHYSICS.

R.R. WILSON
NAL

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....(L to R) Clarence Bowling, Will Hanson, Pablo Rodriguez and Thomas Gutierrez with record-breaking magnet #56 at Industrial Building No. 1....



....Maureen Beach, secretary in the Magnet Assembly group, indicates on the chart the peak production rate reached by the group during a recent week....

Photo by Phil Rosenberg,
Strom Engineering

MAGNET ASSEMBLY SECTION SETS RECORD RATE

It will take 1,014 bending and focusing magnets to complete NAL's Main Accelerator ring, which is four miles in circumference. To date, more than 743 magnets have been produced and about 530 have been installed.

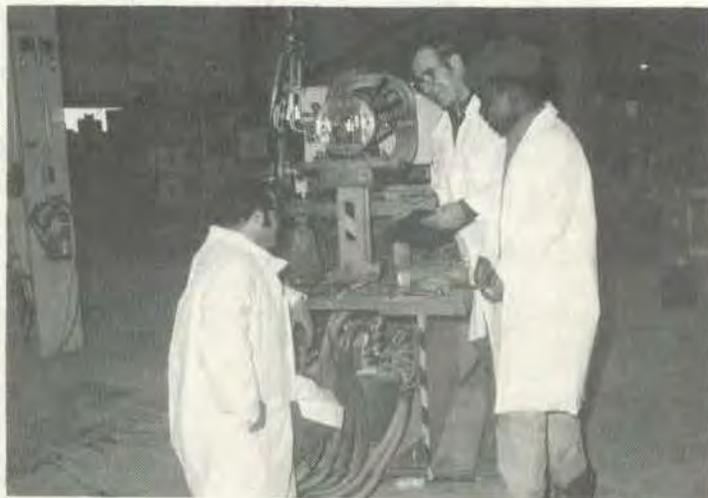
Last week, the Main Ring group observed another production milestone in its developmental work on the largest component in the NAL accelerator system. In one week, the Magnet Assembly section produced 56 magnets and magnetically measured 63. This rate represented a dramatic increase in the production rate. Over the past few weeks, the rate has increased gradually from 40 to 44 magnets per week and now it appears to be steadily set at more than 50.

Sixty-two men are joined in the continuing effort at Industrial Building Number One on the Main Site. The magnet assembly team includes Will Hanson, Factory Manager; Chuck Schmidt, in charge of Magnetic Measurements, and Jack Jagger, in charge of Quality Control.

During the same week, 54 magnets were sent to the Main Ring in four days for installation -- another record! Up to about 15 magnets can be installed daily in the 1.25-mile diameter Main Ring by the present crew.



....Daniel Thompson (L) and Phillip Fitzgerald in front of completed Main Ring magnets in Industrial Building No. 1....



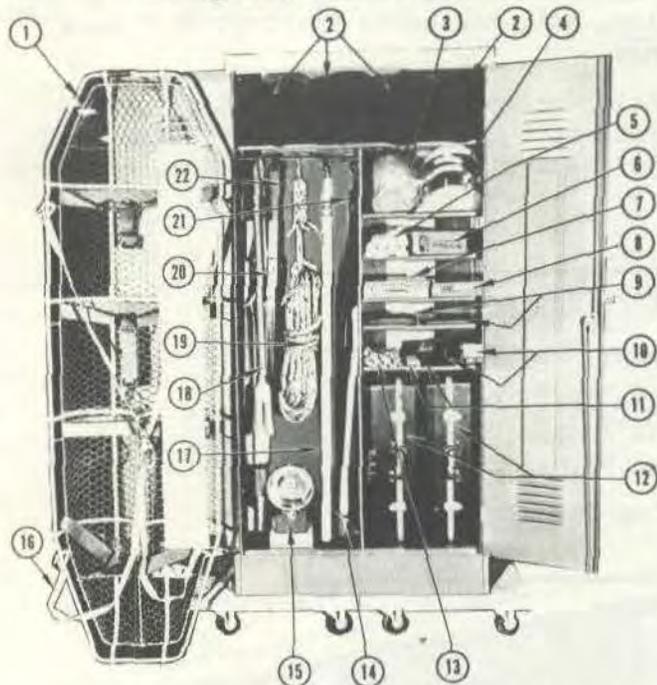
....(L to R) George Petihicks, Ken Fleischer, and Freddie McIntosh work in Magnet Measurements in the Industrial Building No. 1....

Photos by Fran Pisarek, NAL

EMERGENCY CABINETS INSTALLED AT MAIN SITE

Special devices and equipment for coping with emergency situations are contained in bright yellow cabinets recently installed by the NAL Safety Department at strategic locations in the Linac, Cross Gallery, Beam Transfer Gallery, and the Central Utility Building at the Main Site. As shown in the diagram (below) the contents of each cabinet include:

Emergency Cabinet Contents



- (1) 1 Stokes stretcher
- (2) 4 wool blankets
- (3) 2 hard hats
- (4) 1 face shield
- (5) 2 pairs heat gloves (800° F)
- (6) 1 pair lineman's gloves (20,000 v.)
- (7) 1 24-unit first aid kit
- (8) 1 first aid kit (general)
- (9) 2 chemical hot pads
- (10) 2 pairs chipper's goggles
- (11) 2 pairs safety glasses
- (12) 2 Scott air pak II (self-contained breathing apparatus)
- (13) 2 pairs work gloves
- (14) 1 fire axe
- (15) all-purpose battery searchlight
- (16) 1 lifting bridle (for Stokes stretcher)
- (17) "hot-stik" (telescopic - 10 foot)
- (18) 1 lock breaker
- (19) 50' manila rope (with 2 snap hooks)
- (20) 1 folding stretcher
- (21) 1 bolt cutter
- (22) 1 crow bar

The cabinets are kept sealed, but may be opened by a simple twist of the handle at the time of an emergency. However, Ray Brown, NAL Safety Engineer, stresses that the equipment is provided for emergency use only. "After a cabinet has been entered and equipment used, the user should notify the Safety Office, so that it can be restocked and re-sealed," Brown says.

Ed Brezina, NAL Safety Inspector, is in charge of the assembly, maintenance, and placing of the cabinets. Potential users may learn how to utilize the equipment by calling Brezina on Ext. 580 in the NAL Village.

....In the photo at right, Don Young (L), NAL Operations Manager, and Ray Brown, Safety Engineer, at Emergency Station No. 1 in the Linac Building.

Photo by Tony Frello, NAL



CONGRATULATIONS to Mr. and Mrs. Richard Smith, Beam Transfer, on the birth of their daughter Julie, at the Joliet St. Joseph's Hospital on Saturday, February 20, 1971.

CREDIT UNION ANNUAL MEETING MARCH 17

NAL employees are invited to attend the twenty-first annual meeting of members of the Argonne Credit Union to be held Wednesday, March 17, 1971 at the recreation building in Argonne park at 6:00 p.m. A social hour with refreshments will precede the meeting. All members are invited to attend.

The annual election of directors will be held at this meeting; 15 directors are to be elected from the membership. A meeting notice and details of the voting procedure will be mailed to all members on March 1st. Miguel Awschalom, NAL, Radiation Physics, will seek re-election for the office he has held since last May.

In other actions, the Board of Directors recently declared that the quarterly share dividend of February 28, 1971 will be paid at the rate of 5½% per annum. Share dividends are added to the individual member's savings (shares) account each quarter. These dividends are identified on the statement with a code number 9.

NAL MARCH SOCIAL CALENDAR

Wednesday, March 17	Village Barn. Happy Hour.
Saturday, March 20	"Discotheque 1971: Under the Sign of the Zodiac," in the NAL Village Barn.
Wednesday, March 31	NALWO Spring Tea at the White Farm.

PING-PONG WINNERS CONTINUE MATCHES

The NAL employees' Ping-Pong tournament is in full swing. On Monday, March 1, Clarence Bowling, Main Ring, played Lee Brown, Machine Shop; on Tuesday, March 2, Roy Justice, Physics Research, played Melvin Storm, Accelerator Theory; on Wednesday, March 3, Jeff Ruffin, Booster, played George Eastland, Machine Shop; and on Thursday, the 4th, Leo Ray, Booster, will play James Walker, Linac. The winners of these will play the next round. Sixteen employees started the tournament on February 8. The games are at 12:00 noon. They are played at 21 Sauk, in the recreational center. Bobby McNeal, Booster, and Charles Marofske, NAL Personnel Manager, are judges of the tournament.

CLASSIFIED ADS

TO BE GIVEN AWAY - Five kittens - box trained
Call Gloria Beck, Ext. 346.

FOR SALE - One Firestone Champion Delux thin stripe white side wall snow tire mounted on rim. Size 8.25 x 14. See or call Ernie at Ext. 210.

FOR SALE - 1970 Mach I Mustang, 351 cu., 4 speed, 9,100 miles. Excellent condition. \$2300.00. Contact Bud Hamm at Ext. 307.

FOR SALE - Movie Camera - M5 Kodak Super-8, electric eye with zoom lens. Asking \$50.00. Contact Geno Loro at 879-2900, Ext. 262.

GIVE AWAY - 3 gray Persians and 2 Siamese.
Call Dottie on Ext. 307.

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

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