

### PHYSICAL FITNESS

There have been several requests from employees to start a Physical Fitness Group in the evenings at the Laboratory, which would meet once a week at the gymnasium.

**PURPOSE:** To offer an opportunity to participate in a scheduled activity under the guidance of a trained instructor in order to get some exercise in the form of calisthenics, group and individual games or athletic skills. Arrangements will be made for informal classes for both men and women. The desires of those attending the sessions will determine the selection of activities; there's your chance to get that exercise you have been promising yourself!

Come to the Gymnasium with gym clothes and sneakers next week. There will be a meeting of those interested (men and women) Thursday, December 3, at 7:30 p.m. If you cannot attend but would like to join the group, call G. Sabine, Ext. 391.

### SKIN DIVERS TO MEET WITH CIVIL DEFENSE OFFICIAL

At the next meeting of the Brookhaven Divers Club on December 7, a member of the Suffolk County Civil Defense Rescue Unit will speak on Civil Defense's need for divers. Mr. C.J. DeVito will be present to outline Suffolk County's need for skin divers.

Along with the regular order of business, a 27 minute color film, "Camera on the Ocean Floor," will be shown. This exciting film gives an excellent description of wreck diving and exploration. Don't miss it!

Remember Monday, November 7 at 8 p.m. in the Recreation Building. New members are welcome. The meeting is open to all who would care to come for the meeting or the film.

### THEATRE GROUP MEETING

Don't forget the Theatre Group meeting at 8 p.m. Wednesday, December 2. The prepared reading of the "Good Women of Setzuan" by Bertold Brecht will start about 8:30 p.m. This play is of great interest to all those concerned about the materialistic tendency of our society.

### SET SHOTS

The second week of play was marked by a one-sided and a sloppy game. At 6:15 the Oldtimers really had the big guns hitting as they swamped Chemistry 54-20. As if to wearime Willy Johnson home, Walt Reams poured in nine field goals and wound up the night as high scorer with 21 points. Tom Prach and Johnson were both in double figures. Chemistry never got going and had no one in double figures.

In the second game with Red Carstens playing his first game, the Thumpers made it two in a row over winless Biology. In a sloppy game with both teams repeatedly giving up the ball without a shot, Sabine was a second-half standout. His shot making, with 16 of his 17 coming in the last half, kept Biology within 5 points of the Thumpers all the way.

Games this coming Tuesday are Biology vs. Chemistry and Metallurgy vs. Thumpers. New starting times are 6:15 and 7:30.

### CAMERA CLUB

All those who are interested in "close up" photography and in the wild flowers of Long Island are invited to attend the next meeting of the Brookhaven Camera Club on Wednesday, December 9, at 7:45 p.m. in the Recreation Hall. At this time Mr. Oren Ryker of Riverhead will talk on his techniques of making large scale photographs of flowers, illustrating his talk with slides. A discussion period will follow.

### CAR POOLS

Ride wanted - Tuesday and Thursday evenings from BNL to North Babylon, area Deer Park Ave. and Southern State Parkway. Phone Lorraine Heylmann, Ext. 2390.

Wanted - 2 drivers to join existing car pool from Bayport to Lab. 8:30-5 p.m. Call 301-35.

Wanted - ride from Selden, Marshall Drive and Middle Country Road is needed desperately. Please call Eleanor Alacca, Ext. 2409.

### CLASSIFIED ADS

#### FOR SALE

1952 FORD - 4 door sedan, customline, 8 cyls., radio and heater. Good running condition, with new battery and snow tires. Owner leaving this country. Price \$230. Call R. Ueda, Ext. 402.

ROCKING HORSE - If your wackin' horse has run away, or if the young rustler is ready for his first mount, try this almost-new, spring-mounted, safe and bouncy model, only \$6. Call Ext. 396.

PIANO - excellent condition. 2 years old. Baldwin, upright - ebony finish. Call SElden 2-5271 anytime.

1951 PACKARD - automatic transmission. Call De Meutter, Ext. 301 or 514.

17 INCH CONSOLE TV - General Electric model 16T5. \$25. Call Ext. 781.

GIRL S BICYCLE - full size with balloon tires, wide chrome luggage rack and side baskets suitable for carrying young children. \$10. Call Atlantic 6-8807.

HAND LAWN MOWER - Clemson. Needs sharpening. \$5. Twin size Holly wood bed set complete with mattresses (fair). Inner spring (fair), metal frame (good). \$10. Sturdy bunk bed. Atlantic 6-8807.

ENRICO ACCORDION - 3 stops. 3 months old. Cost \$470, will sell for \$200. Call Yaphank 4-3288, before 2 p.m.

UNIVERSITY SPEAKER - 2 way system. C12W Woofer, 4408 Tweeter, N2A Crossover, AP8 Presence Control, installed in a folded Horn enclosure designed for this system. \$60. Call Ext. 423.

ICE SKATES - Ladies' white figure. Almost new, size 9. \$5. Ext. 363.

ICE SKATES - Girls' white figure. Size 5. Worn twice. \$7. Call Lloyd, Ext. 2196.

1955 RAMBLER - 4 door, two-tone, blue, automatic transmission, radio & heater, continental kit, good condition. \$700. Call SAYville 4-5338 anytime after 4:30.

1950 MORRIS MINOR - Convertible. Good running condition. Good tires. Ext. 678.

# the Bulletin Board

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## SAFETY AWARENESS ISSUE

### SAFETY IS THEIR BUSINESS

That safety is of first importance to each of us is self-evident. Conversely, the fact that each of us needs to be continually reminded of safety is evident from the accidents which have occurred. This issue of the BULLETIN BOARD, devoted to BNL Safety activities, is aimed at being such a reminder.

Brookhaven's record of preventing major accidents has been a good one. This is not easily achieved in a research laboratory where many uncertainties exist. Success in avoiding uncontrolled chemical reactions, explosions and radiation exposure can be attributed to the awareness of those involved that such dangers do exist. Our failure to reduce the less glamorous type of accident - the fall from a ladder, the strain or sprain while moving equipment - can be attributed to a lack of awareness that the everyday objects around us can be dangerous too.

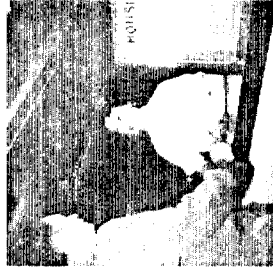
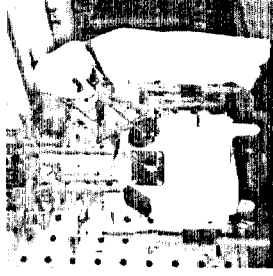
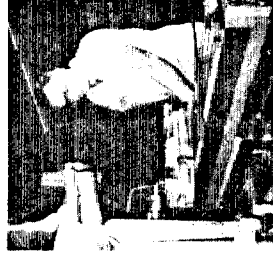
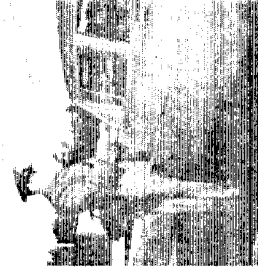
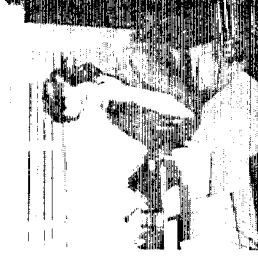
It is impossible to overstress the importance of injury prevention - whatever the nature of the potential cause. Thus far, practically all of the accidents to BNL people have been entirely within the control of the person injured. In other words, our personal safety is largely up to us.

—L.J. HAWORTH

THIS ISSUE HAS BEEN  
PRINTED IN GREEN INK



THE COLOR WHICH  
TRADITIONALLY  
SYMBOLIZES SAFETY



### IS IT YOURS ?

## THE BNL SAFETY PROGRAM

Ask the question, "Who is responsible for safety at BNL?" and you'll get many different answers - "The Director", "The Safety Office", "The Supervisors", etc. These are all partially correct, for the right answer is "Everyone". Safety is indeed an intrinsic part of everyone's job, but this is supported by a staff organization and program.

The Laboratory's Safety Program is unlike the so-called "police type program" found in many industries where staff safety personnel have absolute authority over every operation. This is neither desirable nor could it work among our infinite variety of activities unless it were staffed by a small army. The BNL program is predicated upon the "everyone" philosophy, with each individual being responsible for his own and his subordinates' safety and for fully utilizing the specialized services available from the staff safety personnel.

The BNL Safety Services Office, which provides this specialized assistance, is organized as a part of the Health Physics Division. Its function is to serve as a consultant to all departments in the areas of General (non-radiation) Safety, Fire Protection Engineering, Motor Vehicle Safety and Industrial Hygiene. The Safety Office also administers the Workmen's Compensation and Public Liability Insurance programs. The staff of the Safety Office is supplemented by Health Physicists appointed as Safety Representatives to a specific department (usually the one they also serve in a Health Physics capacity). Additional help is obtained through the Department Safety Coordinators to whom Department Chairmen have delegated some of their own safety responsibilities. (Continued on Page 2)

## SAFETY PROGRAM (Cont'd)

While there are some routine duties, such as review of drawings, investigation of accidents, and preparation of safety promotions, most of the work of this unit is on an "as requested" basis. Requests received vary from information on the hazards of a specific chemical to detailed consultation on entire experiments in the proposal stage. Staff safety personnel also are assigned to accompany departmental personnel where self-inspections are being made. In placing such reliance for safety upon every member of the staff, considerable latitude is allowed, with most safety regulations being those established by the departments themselves. The few existing laboratory-wide regulations are all in the BNL Safety Manual which is issued under Director's Office approval—and that only after consultation with operating and research personnel.

This type of program is designed to allow scientific freedoms, unhampered by arbitrary rules, while at the same time making special safety services available when and where they are needed.

## BUILT-IN SAFETY AT PHYSICS

Current practice at BNL calls for Safety Office review of all drawings and specifications for new facilities (or for major alterations). The new Physics Building which is to be erected south of the Cyclotron provides a good illustration of the results of this cooperation between our design engineers and our safety engineers. It incorporates many fire protection and safety features.

This 105,000 square foot building will be composed entirely of materials which are non-combustible or which are labelled by the Underwriters' Laboratory for a satisfactorily slow rate of flame spread. In addition, a fire detection system throughout the building will automatically sound an alarm—both locally and at the Fire House—should a fire break out. As a further precaution the office area and various laboratory areas are separated by fire walls equipped with automatic closing doors. Fire extinguishers will be of the latest type, including 2½ gallon pressurized water extinguishers in lieu of the old cumbersome soda and acid type.

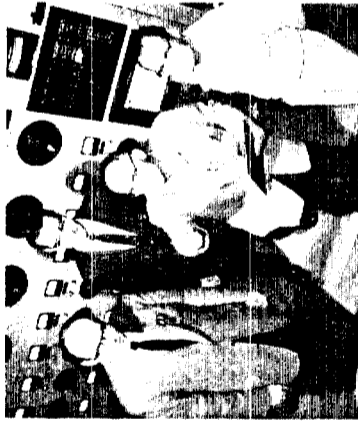
Exits have been carefully checked from a capacity and distance travel standpoint, and exits from the upper floor are protected by a fire enclosure. Stairs are laid out at the safest slope, and equipped with non-slip treads or nosings. Slip resistance of the various flooring materials has also been reviewed.

For convenience, as well as safety, special enclosures are being provided

The Nuclear Engineering Department has now passed the half million mark, and is working toward completion of a million manhours without a disabling injury. Other departments may have exceeded this in the past, but few have worked quite as hard at achieving it.

Under the direction of Vince O'Leary, Department Safety Coordinator, together with Jere Austin and Carl Klamut, Division Safety Coordinators, this department has developed an outstanding program of accident prevention activities. One of the more noteworthy efforts is the monthly self-inspection. The Safety Coordinator appoints two different members of the department each month, and accompanied by Ray Stong, the Health Physicist-Safety Representative, they make a fire and safety inspection of the entire department. Their findings are reported back to the Safety Coordinator who checks them for validity of hazard and follows up for remedial action. Once again, the safety awareness created in the department by this system at least equals in value the hazards which are discovered and eliminated.

Other safety activities in Nuclear Engineering include department-wide surveys of the need for protective equipment, group meetings and film showings on specific safety needs, creation of ad hoc committees for review of proposed experiments with the staff safety people, training of personnel for emergencies, investigation of accident causes, etc. Most people at BNL are working hard at accident prevention, but special credit should go to this department for an outstanding effort.



## HALF A MILLION RESEARCH HOURS WITHOUT INJURY!

## NEW ART WIND QUINTET TUESDAY, DECEMBER 1

The New Art Wind Quintet will present the following program at their concert: Bleserquintett, Opus 88, No. 2, - ANTON REICHA; Kleine Kammermusik, Opus 24, No. 2, - HINDEMITH; Quintet in E flat major, Opus 71, - BEETHOVEN; and Trois Pieces Breves - IBERT.

The concert will be given at 8:30 p.m. in the Research Staff Lounge. All laboratory employees and their friends are invited. Single admission to the concert is \$2.00 for adults and 75 cents for children.

Definition of a Careless Driver: "An accident on the way to happen".

## Fringe Patter

### In-Hospital Medical Allowances

When you or your dependent are confined to the hospital, payment up to \$14 a day (maximum payment \$434) will be made for hospital charges for bed and board. In addition, payment up to \$280 will be made for hospital charges for necessary services and supplies. These maximums apply to hospital confinements for any reason other than pregnancy.

When hospital confinement is due to pregnancy, payment up to \$140 will be made for hospital charges for bed and board and necessary services and supplies incurred during all confinements due to any one pregnancy.

Maximum benefits will be paid to an EMPLOYEE for each separate period of disability. Periods of disability are considered to be separate if the employee returns to work for at least one day between them. Maximum surgical benefits are also available to employees for separate periods of disability.

Maximum benefits for dependents are available for each confinement (or operation) if the causes are different. If the confinements (or operations) are due to the same cause, separate maximum benefits are available when they are at least six months apart if a complete recovery has taken place between them.

## AEC HOLDS HIGH ENERGY PHYSICS MEETING AT BNL

On Monday, November 30, 1959, the AEC held a meeting at BNL to discuss long-range plans for high energy accelerators and the experimental programs associated with these machines. Among those attending the meeting were the following: Mr. John A. McCone, Chairman, AEC; Mr. John F. Floberg, Commissioner, AEC; Mr. Alvin R. Ludecke, General Manager, AEC; Mr. A. Tammaro, Assistant General Manager for Research and Industrial Development, AEC; Dr. Paul W. McDaniel, Acting Director, Division of Research, AEC; Mr. Don S. Burrows, Controller, AEC; Dr. Norman Hilberry, Director, Argonne National Laboratory; Dr. Edwin M. McMillan, Director, E.O. Lawrence Radiation Laboratory; Dr. Arthur H. Snell, Assistant Director, Oak Ridge National Laboratory; Dr. George B. Kistiakowsky, Scientific Advisor to the President; and about 20 other scientists and administrators representing high energy physics laboratories, including BNL, in the United States.

## SQUARE DANCE

Mark it!! Wednesday, December 9, 8:30 p.m. - Recreation Building, York Lane. Square dancing to the music provided by our own "FEARSOME FOUR-SOME".



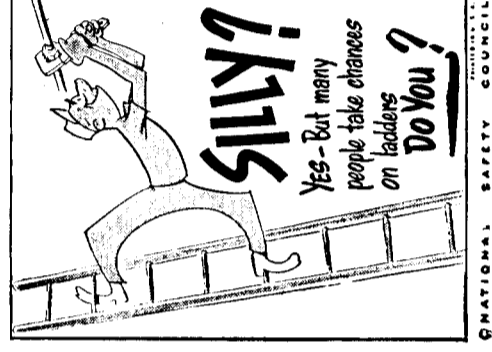
Bring your wife, husband, girl or boy-friend or come alone. You are sure to enjoy yourself at this, one of our most informal social affairs. Ice cold liquid refreshments will be plentiful and to add more frosting to the cake it will be: **Admission Free**

## KEEPING THE NEW EMPLOYEE SAFE

Every new employee coming to Brookhaven receives an indoctrination in both Health Physics and General Safety. For those assigned to the scientific departments, the indoctrination is accomplished through personal interview with the Health Physicist - Safety Representative assigned to that department. Individuals working in other departments are indoctrinated by members of the Health Physics Division staff in small groups each week.

The theme of this safety issue of the BULLETIN BOARD is "awareness", and that is the primary purpose of these indoctrinations. If we can demonstrate the importance which Brookhaven places on the safety of its people right at the outset, we have established a solid foundation on which the new employee's safety awareness can be built by his supervisor and fellow co-workers. The indoctrination covers the Laboratory's safety regulations and procedures, references such as the BNL Safety Manual, clears up possible misconceptions about radiation hazards, etc. The most important thing, however, is to send each newly hired or appointed person out to his new job in a frame of mind where he will recognize and avoid accident-producing situations.

## BNL SAFETY RECORD



**9 Days Since Last Disabling Injury (Nov. 21, 1959 - Nov. 29, 1959)**