

the Bulletin Board

VOLUME 13 - NUMBER 41

Published by BNL Personnel Office

JUNE 14, 1960

EURATOM COMMISSIONERS VISIT BNL

Commissioners Heinz Krekeler and Emanuel M.J.A. Sassen of Euratom and several members of their technical and administrative staff visited Brookhaven on Friday, June 10. Euratom, the European Atomic Energy Community, is an international group composed of six western European countries: Belgium, France, West Germany, Italy, Luxembourg, and the Netherlands. Commissioner Krekeler is German; Commissioner Sassen is Dutch. Herr Krekeler is a former Ambassador to the United States from West Germany.

Euratom's principal interest is the construction of large scale nuclear power facilities to meet the increasing needs of Western Europe.

While in the United States the group has visited a number of atomic research centers to discuss the problems of administration and organization of nuclear research centers, the technical and economic aspects of large scale power reactors, and the general problems attendant upon the growth and development of an atomic energy industry. Of particular interest at BNL was the subject of applications of radioisotopes.

OTHER VISITORS

Twenty seven people attending the course offered by the International Institute of Nuclear Science and Engineering at Argonne National Laboratory visited BNL on Thursday, June 9. The visitors represented many countries, including Israel, Japan, India, Brazil, Korea, Germany, Burma, China (Taiwan), and Denmark.

On Thursday, June 16, a group of officers and technical personnel from Suffolk Air Force Base will tour our major facilities.

PORTION OF FILM TO BE SHOT HERE

Camermen from the Francis Thompson film company will be at BNL this week to shoot footage for a film which is being made for the United States Atomic Energy Commission. This short film will be concerned with the peaceful uses of atomic energy and will show other research installations in addition to BNL. It is being prepared primarily for showing in the Latin American countries.

BROOKHAVEN AND THE FOURTH "R"



Personnel monitoring supervisor and assistant demonstrate film badge techniques for A.E.C. Health Physics Fellows.

In recent years, students throughout the world have been learning a fourth "R" in addition to the familiar "reading, 'riting, and 'rithmetic". The fourth "R" is radioactivity. The need for training individuals in the use and hazards of radiation was apparent immediately after Becquerel's discovery of radioactivity in 1896 and is becoming more important with each passing year.

At present, Brookhaven is actively engaged in teaching the fourth "R" at all educational levels from grade school to graduate school. Among these educational programs, one of the most interesting and well defined is the graduate training program in health physics. Each summer a class of approximately twenty graduate students from the University of Rochester and Harvard University spend a ten-week training period in the Health Physics Division at BNL. These individuals are members of a select group of graduate students whose studies are sponsored by Atomic Energy Commission fellowships in health physics. The purpose of these fellowships is to make available to atomic energy programs individuals well trained in both the theoretical and practical aspects of radiation protection. Brookhaven's role in this program is to educate in the practical aspects of health physics operations. (Continued on Page 2)

FOURTH "R" (Cont.)

During the summer you will find small groups of students in most departments at the Laboratory, monitoring operations involving radioactive materials and evaluating the hazard associated with each operation. Brookhaven, with its many varied activities, is ideally suited to furnish the diversified training necessary to a present-day health physicist. In addition to the field work, one day a week is devoted to a series of lectures on the theoretical aspects of health physics and related research problems. With the wealth of scientific talent at Brookhaven, it is not difficult to organize an excellent lecture program of this type.

Since the start of this program in 1948, the health physics division has trained 178 A.E.C. fellows. In addition, approximately five foreign students, studying on International Atomic Agency or International Cooperative Agency fellowships, receive similar training each year.

An important limitation on the degree to which man may gainfully utilize atomic energy is the extent to which he can use it without injury to himself or his environment. By helping to supply the United States and the rest of the world with individuals capable of evaluating and controlling radiation hazards, Brookhaven is actively working toward minimizing this limitation.

NO MORE PENCILS, NO MORE BOOKS. . .



This will soon be the cry of school children of on-site residents. Shown above is the Lollypop House, constructed this spring by the Plant Maintenance Division. This is the on-site school bus stop.

FIRE EXTINGUISHER INSTRUCTION SHEETS

To those who have already picked up their Kidde 2½ pound Dry Chemical Fire Extinguishers at Personnel Services - the instruction sheets for each have now arrived. To those who ordered fire extinguishers and who have not yet picked them up - please do so promptly.

GYMNASIUM SCHEDULE

The gym will open for miscellaneous activities in the evenings beginning June 27th and will be on the following schedule until the end of August:

EVENINGS: Monday through Thursday until 9:00 p.m. Equipment is available for badminton, basketball, table tennis, volleyball, exercise, etc.

WESTBURY MUSIC FAIR DISCOUNT TICKETS

Twenty percent discount tickets to the Westbury Music Fair are available at Personnel Services, 58 Brookhaven Avenue. The current attraction is SOUTH PACIFIC (June 14-19). The next production will be GIRL CRAZY (June 21 - July 3).

Seat reservations and payment are made directly through Personnel Services. Payment must be by check made payable to Westbury Music Fair. Reservations may be made now for all performances this season. The complete schedule may be seen at Personnel Services.

UPTON RIFLE - PISTOL CLUB

The June 19 match with the Southampton Rifle and Pistol Club has been cancelled.

Free ammo and targets? That's right. On Tuesday evening, 5 p.m., June 21, the U.R.P.C. Pistol Shooters can shoot away on a D.C.M. pistol course for free. There will be more of these matches throughout the summer, so watch for the dates and come out and join the fun.

ON-SITE PLAY SESSION

A summer athletic-play session program will be conducted for children of on-site residents beginning July 11. Sessions will be held at the Recreation Building in the apartment area each morning from 9:00 a.m. to 11:30 a.m. Children can participate in any or all sessions. Registration forms for youngsters 5 YEARS OF AGE OR OLDER are available at the Recreation Office and will be sent to each resident.

ORDERS FOR DUBRIDGE BOOK REOPENED

Due to popular demand, orders for "Introduction to Space," by Dr. Lee A. DuBridge, have been reopened until Friday, June 17. You may place your order at the Personnel Services Office, 58 Brookhaven Avenue or by phone, at Ext. 2107.

"Introduction to Space" contains the first George B. Pegram Lectures, delivered by Dr. DuBridge at BNL in September, 1959. The ninety-three page volume, handsomely printed, contains 24 photographs and diagrams. The book is written in layman's language and is an informative primer in space science. Because of the large number of books ordered, a group purchase price is possible.

If you ordered your book before May 20, please pick it up at Personnel Services.

SOFTBALL BASE-PATHS ALIVE**Games this week:**

TUESDAY: Plant Maintenance vs. Medical; Thumpers vs. Potsareebies

WEDNESDAY: Old Timers vs. Cosmotron; Phoubars vs. Health Physics.

THURSDAY: Metallurgy vs. Gnats; Dirty Sox vs. Derelicts.

NATIONAL LEAGUE

On Tuesday the Phoubars combined two six-run innings to wallop the Potsareebies 12 to 8. For the winners Marshak had three hits and for the losers Black had three including a double and a homer.

Wednesday's game between Health Physics and the Dirty Sox was taken by H.P. 14-7. Both teams each had a 5-run first and single-run second but Health Physics picked up three more in the third and remained ahead the rest of the game.

After starting out Thursday's game with a slamming six run first inning, the Derelicts were made to look as such as Plant Maintenance combined seven runs in the first, six in the third, nine in the fourth and two in the sixth to win by a lopsided 24-6 score. D. Oldham's four hits paced Maintenance to their victory.

BROOKHAVEN LEAGUE

For the first four weeks of play the Brookhaven League's season seemed headed for duplication of last year's results. The Gnats were riding high with a 3-0 record with the rest of the league's first division made up of Cosmotron and Pots. The second division was held down by the Derelicts, Medical, and H.P.

At their first meeting the Gnats were swatted by the Cosmotron to the tune of 5-3. The Gnats were then edged by the Thumpers 16-4. During the interval, the Cosmotron was losing to Metallurgy 6-3. This loss coupled with their previous defeat by the Pots gave them a tie for the league lead with the Gnats. Medical, meanwhile, was pushing hard by giving the Old Timers a play for their money losing only 11-9.

It may well be that the second round of games with the National League will prove to be the leveler in the Brookhaven League, and the final results could see almost any team taking the championship.

BNL SAFETY RECORD

9 DISABLING INJURIES at BNL thus far in 1960 (for a rate of 4.48 injuries per 1,000,000 manhours - compared to the All AEC Research Contractor rate of 1.77).

CHILDREN'S SWIMMING INSTRUCTION

APPLICATION: Swimming Classes Date:
Name Son/Daughter Age* Classification

1.

2.

3.

4.

5.

*If under eight years old, state height.

I wish to register the above children in the Swimming Classes. I understand that he or she is not permitted to leave the SWIMMING POOL AREA. I agree that he or she may be denied participation in the program for failure to observe the rules.

(Employee's Signature)

(Life No.)

(Extension)

Forward this application with registration fee to the Recreation Office, 3 Center Street, on or before July 1.

REGISTRATION DEADLINE - JUNE 30

Starting the week of July 11 swimming classes for all Laboratory employees' children will be conducted afternoons under the direction of two instructors (Gene Collins and Beverly Wellings)

with the assistance of our two BERA lifeguards. During the scheduled class periods the pool will be open **only** to the children who are registered for instruction.

Please register early! A program will be arranged based on the returned applications. The BULLETIN BOARD will announce the time and schedule of classes.

Important: If there are days your child can NOT attend classes, indicate this on application. NO registration fees will be refunded.

SWIMMING CLASSES: 1:00 - 2:30 p.m.

1. These classes are for all Laboratory employees' children.

2. Children must be eight years of age or four feet in height.

3. Each child will be scheduled for a specific period, probably once a week depending on response.

4. A fee of \$2.00 per child must accompany application. (Make checks payable to BERA).

5. Children will report at the Swimming Pool not earlier than 12:50 p.m.

6. Classes will end at 2:30 p.m. Off-site children must remain in the pool area until picked up by parents. On-site children must remain in the pool or proceed directly to apartment area.

7. Children will pay daily admission fee (.35) or present season ticket to enter swimming pool.

8. To the best of your knowledge, select and write in on application the group your child qualifies for: **Beginner**, Non-swimmer or NOT able to swim 40 feet. **Intermediate**, Can swim at least 40 feet. **Swimmer**, Can swim 100 yards.

TAKE SAFETY HOME WITH YOU!

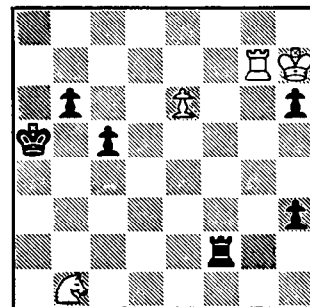
DON'T WAIT 'TIL IT'S TOO LATE!



You can't keep on your toes if you don't keep your toes on! Safety shoes stocked in Safety Stores, Building 100, may be purchased at cost by BNL personnel for use at home when operating power mowers or doing other jobs involving the possibility of injury to the feet.

CHESS PROBLEM

This week's problem is of a different nature. Both white and black have an advanced pawn. It is white's move. He'll queen his pawn and win. How?



White Wins

The answer to last week's problem is as follows:

WHITE

1. ---

2. K - R 2

3. P x Q

4. K - R 1

BLACK

N - B 7 check

Q - R 6 check

N - N 5 double check

R - R 7 mate

CLASSIFIED ADS

Deadline each week for BULLETIN BOARD Classified Ads is Friday afternoon at 3. Send ads to BULLETIN BOARD, 58 Brookhaven Avenue, or bring them to the Personnel Office, same address.

If your ad was omitted due to lack of space, it will appear in next week's BULLETIN BOARD.

FOR SALE

1953 CHEVROLET - 4 door sedan, standard shift. Heater, good tires, two new. Very good condition. \$300. M. Collins, Ext. 2265 or ATLantic 1-9455.

1954 FORD CUSTOMLINE - 4 dr. V-8. Std. trans., new brakes, tires, seat covers, clean, asking \$475. C. Barber, Ext. 2304, or GROver 5-4728 after 6 p.m.

1957 PLYMOUTH - 2 door sedan, gray with white trim, all accessories, excellent condition. Ext. 301-37 or WAding River 9-4284.

1958 VOLKSWAGEN - de luxe sedan. Excellent cond. Ext. 301-70 or Ext. 514 evenings.

1951 DODGE - Coronet Club Coupe. As is. Best offer. Ext. 301-70 or Ext. 514 evenings.

1950 CHEVROLET - 4 dr. sedan, new battery and newly relined brakes, very good running condition. \$75. Ext. 491, W. Ando.

1959 RENAULT DAUPHINE - heater, windshield washers, low mileage, excellent cond. Blue. No electric clutch. \$1,300. 3 deuces for a 1954 through 1957 Ford. \$80 includes manifold and linkage. J. Backes, Ext. 2341. After 5:30 GROver 5-3918.

1956 CHEVROLET - Bel Air. 2 dr. sedan. Auto. trans., power steering and brakes. R&h. Clean condition. \$950. SHoreham 4-3335.

1951 CHEVROLET - grey 2 dr. sedan. Power glide. Good tires and finish. 63,000 mi. \$200. Ext. 789.

HOUSE - 3 bedroom ranch, attached garage. Complete with storms, screens and blinds. Full basement and playroom. Fully landscaped. Walking distance to elementary school, new parochial school (under construction) and shopping. Only 12 miles from Lab. ATLantic 6-9246 after 5:30 weekdays, all day Sat. and Sunday.

16 FT. MOULDED MAHOGANY RUNABOUT - controls, steering & running lights. 25 h.p. Johnson electric starting. Fine condition, ready for the water. \$595. GROver 5-0813.

CRUISER - want a good seaworthy boat which is cheap to maintain and operate? Have 18 ft. by 7½ ft. fast outboard boat complete with almost new (6 hrs.) 35 h.p. Evinrude. 2 six ft. bunks, galley, head stowage cabinets, canvas cockpit enclosure, compass, etc. No pump, never needed one. Will demonstrate. \$1500. J.R. Hare, Ext. 2165 or GROver 5-2888.

PRAM - 8 ft. plywood pram w/oars & rowlocks, excellent condition. \$50. J.R. Hare, Ext. 2165.

1958 FIBREGLASS RUNABOUT - with electric starting, forward-steering, Johnson 35 h.p. outboard motor. Also includes 6 gal. fuel tank, full canvas cover, waterproof upholstered seats, lines, ladder, front and rear lights. Our total cost was over \$2300. Will sell complete for \$1050. ATLantic 6-8744 evenings.

FAMILY VACATION TOO EXPENSIVE? - try kamping kum komfort, from Mexico to Canada. With birch paneled 15 ft. travel trailer complete with 2 beds, stove, icebox, heater and many extras. Automatic brakes. Almost new. \$1125. S. Cohn, Ext. 301.

OUTBOARD MOTOR - 3½ h.p. Perfect condition. \$35. R.C. Roth, GROver 5-1285.

10 H.P. JOHNSON - perfect running condition, a few scratches on cover, one owner, all ready to go, go, go. \$135. Book price \$147.50. Ext. 482 or BELLport 7-1092 after 5:30 Sat. or Sun. W.T. Domy.

CHROME KITCHEN TABLE - with 4 chairs, round oak coffee table, and 9 cu. ft. refrigerator with freezer chest across top. BELLport 7-1482-R.

FREE - have 4 kittens, 8 wks. old, all with tiger markings, all female. Will gladly part with any or all of them. Joseph Vise, Ext. 467.

PUPPIES - Irish Setters. A.K.C. bred from Show and Field Trial Champions. 6 wks. old, wormed and temporary inoculations. Call after 6 p.m., Yaphank 4-6434.

CAMERA - Argus C-4, slightly used, Ext. 417.

FURNITURE - cocktail table, end tables, bedroom chair, TV-Magnavox, sofa (newly-covered), Ext. 702.

METAL CUTTING - compound slide rest, No. 46-961 to fit 12 in. Delta wood turning lathe. Brand new condition. \$22. C. Porter, Ext. 2373.

AQUARIUMS - 2 small, 3 gal., both for \$5. Gas range ¾ size suitable for summer cottage, good condition, \$15. 2 tennis rackets (Bancroft), \$8 each. Hi Fi speaker and equipment cabinets both 27 in. by 15 in. by 21 in., both \$25. Call J. Faust, Ext. 2255.

AQUA-LUNG - twin 38 cu. ft. bottles complete with DY regulator \$100. Under-water diving light. 40,000 candle power. With battery \$6. D. Langdon, Ext. 643.

GE AUTOMATIC WASHER - 5 yrs. old, good condition. \$35. H. Schwarz, Ext. 628.

ELECTRIC SHAVER - Remington Rollamatic. Cost \$30 new. Will sell for best offer over \$13. Only 2 months old. Geo. Dioguardo, Ext. 553.

PROJECTOR - Bell & Howell super Monterey 8 mm. projector. F/1.6 lens. Brand new \$65. G. Rackett, Ext. 2416.

ARGUS 3 CAMERA - like new, with German light meter and flash attachments. Best offer. GROver 5-4748 after 6 p.m.

GIRL'S BICYCLES - Sterling 24 in., good running condition, \$16. Columbia 26 in., needs a tire, \$12. BELLport 7-1232-M.

WASHING MACHINE - Hot Point. Complete new clutch assembly. \$35. Ext. 301-45 or ATLantic 1-7893.

ELECTRIC RANGE - 1958 G.E. Model. 40 inch double oven. Timer, etc. Like new. Bargain. M. Hillman, Ext. 779, or EMerson 3-6787.

2 SNOW TIRES - 710x15. Wheels and tubes complete. 2 seasons old. \$15 cash or will swap for two 14 inch Pontiac wheels. ATLantic 6-9743, R. Glasman.

TV - 17 in. table model, \$40. 7 cu. ft. refrigerator, \$35. Large oak flat top desk, light finish, \$15. Studio couch, \$10. All in fine condition. Also dining room table, chairs and 9x12 rug free for the asking. H.A. Johnson, Yaphank 4-6477.

2 MODEL AIRPLANES - all assembled and doped. Never used. One is Ringmaster Jr. 30 in. stunt control line, with Fox .09 engine (brand new). Other is Top Flite Piper Cub 26½ in. wing span with .099 engine. Complete with fuel pump, extra tanks, battery and clips, control handle, etc. \$27. GROver 5-1285.

AUTOMATIC WASHER - electric clothes dryer, and chests of drawers of various sizes. BELLport 7-1482-R.

REFRIGERATOR - Frigidaire, 8 cu. ft., in good condition. Also studio bed, with large cushions, can sleep two. Best reasonable offer. S. Katcoff, Ext. 621 or 2458 or GROver 5-8635.

WANTED

S.P.E.B.S.Q.S.A. MEMBERS - employed on site. Please contact Bill Adams, Ext. 791 or G. Rackett, Ext. 2416.

BOAT TRAILER - for 14 ft. or 16 ft. boat. Must be in good condition. C. Bennett, Ext. 411.

HOUSE OR APARTMENT - for rent until Nov. 1960. Foreign scientist, two children. Up to \$120 per month, incl. utilities. Ext. 726.

CAR - excellent running condition. 1952-55. T.M. Flidner, Ext. 301.

HOME FOR 4 KITTENS - 10 wks. old, all with tiger markings, all female. Will gladly part with any or all of them. J. Vise, Ext. 467 or BELLport 7-0349-J.

HOME FOR 2 KITTENS - black-grey tiger markings. 7 wks. old., Ext. 2259.

SHARE HOUSE - bachelor wanted to share 2 bedroom house in Patchogue with another single male. Contact P. Tichler, Ext. 593 or J. Powell, Ext. 789.

BICYCLE - boy's or girl's. 24 in. or smaller. Contact E. Fowler, Ext. 787.

CAMPING EQUIPMENT - interested in obtaining tents and miscellaneous camp equipment. Call Judy Ridgeway, Ext. 660.

FOR RENT

APARTMENT - 4 bedrooms, furnished, all utilities. 1 mile to Fire Island. In Mastic Beach. Mike Koson, Ext. 323.

CAR POOLS

Want 2 drivers to join existing car pool from Bayport to Lab. E. Cox, Ext. 301-35.

Want to join car pool from Port Jefferson. D. Cornish, Ext. 460.

Would like information on car pools from L.I. Expressway and Northern State Pkwy., west of Hicksville. R. Lea, Ext. 2336.

Wish to join car pool from area of Babylon Town Hall, Sunrise Hwy., North Lindenhurst. R. Dagradi, Ext. 791.

Want drivers to join existing car pool from Blue Point. M. Hillman, Ext. 779.

Riders wanted from Massapequa, Wantagh, Hicksville. Ext. 301-78. M.J. Stravino.