



BROOKHAVEN BULLETIN

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Seaborg Commemorates AEC's 25th Anniversary

"The primary mission of the Atomic Energy Commission to develop and use atomic energy to improve the public welfare, to promote world peace and to secure the common defense and security has been a success," Chairman Glenn T. Seaborg said today in a statement noting the 25th anniversary of the creation of the agency.

President Harry S. Truman signed the act creating the Commission on August 1, 1946. Dr. Seaborg has been chairman of the AEC since 1961.

"In everyday life there are direct and practical applications and benefits of atomic energy. It has become indispensable to medical research, to cancer research in particular. Its contributions to new techniques and the alleviation of suffering have been immeasurable.

"There is no question but the AEC has fulfilled its obligation to provide our nation's military forces with the nuclear armaments needed to assure the common defense and security.

"One of the most significant developments in the 25-year history of the Commission is using the enormous energy in the nucleus of the atom for heat to produce electricity to help meet the rapidly growing needs of all peoples of the world. Nuclear power reactors, which were only laboratory experiments 25 years ago, are today producing nine million kilowatts of economical, clean electrical power in our country," Dr. Seaborg said.

"In the next quarter century, nuclear power will make up 50 percent of the country's total generating capacity. In a world where power needs increase at an astonishing rate and where fuel resources, uranium included, are dwindling rapidly, the AEC is developing breeder reactors that will actually produce more fuel than they consume. On a longer range basis, we are working on fusion reactors that will burn sea water for fuel. Both concepts combine to assure that power needs will be met for thousands of years to come."

Past and present AEC and other federal officials, nuclear scientists, and special guests will gather at the U.S. State Department on Sunday, August 1, for an anniversary program and reception. A special medal commemorating the anniversary will be presented to President Truman at Independence, Missouri.

Participants in the State Department program will include Dr. Edward David, Jr., Science Advisor to the President; Senator John O. Pastore, Chairman of the Joint Committee on Atomic Energy; and former AEC Chairman David E. Lillenthal and Lewis L. Strauss. Attending from Brookhaven will be Laboratory Director Maurice Goldhaber, and Special Consultant, Dr. Leland Haworth, former Commissioner of the AEC and former Director of the National Science Foundation.

Also participating will be current AEC Commissioners James T. Ramey, Wilfrid E. Johnson and Clarence E. Larson.

Library Notice

Lens number 7 and 19 were removed from the 3M reader-printer in the Research Library. The Librarian requests that these lenses be returned as soon as possible.

No End In Sight For IBEW Strike

At the end of almost a month of the strike by members of the IBEW, there was no indication of an early settlement.

The third meeting between the Laboratory and Union negotiating committees since the strike started was recessed by Commissioner Bottone of the Federal Mediation and Conciliation Service because, in his opinion, there was no prospect of a settlement at this time. No date was set for a continuation of the negotiations.

According to Laboratory Director Maurice Goldhaber, the major factor contributing to the continuation of the strike by the IBEW continues to be the Union's excessive wage demand of a potential 18 percent increase.

"Earlier this year," said Dr. Goldhaber, "faced with increasing costs in all areas and in anticipation of a budget for FY 1972 that would not match increased costs, the Laboratory reduced its staff by approximately 250 employees. In an attempt to minimize the impact of the layoff and its effect on the Laboratory's research capability, I announced at that time that

the Laboratory would restrict salary and wage increases for the fiscal year starting July 1, 1971 and would defer increases for many of its staff members until January 1, 1972.

"If now we were to accede to the Union's wage demands, we would face an additional reduction in force of more than 60 employees to accommodate the difference between the demanded increase and the amount budgeted for the 550 bargaining unit employees.

"We sincerely regret that our employees who are IBEW members choose to continue to stay out and lose wages that will be difficult to make up.

"We wish to express our sincere appreciation to all those loyal employees who have continued to report to work. The spirit in which they continue to accept their regular, as well as their temporary work assignments, is deeply appreciated and enables us to continue our research mission even under these current circumstances."

Seaborg Resigns As AEC Chairman

After a decade of heading the AEC, Glenn T. Seaborg tendered his resignation from the Commission last Thursday.

In accepting Dr. Seaborg's resignation, President Nixon commented: "For ten years three Presidents have had the benefit of your wisdom and counsel in making decisions which increasingly affect the daily lives and well-being of our fellow citizens. Thanks in large measure to your outstanding leadership during this time, the United States has maintained its position of pre-eminence in the field of atomic energy."

Dr. Seaborg, who is 59 years old, has set no date for leaving the AEC, but is expected to return to Berkeley in November to continue his research on the transuranium elements.

Named as replacement to Dr. Seaborg is James R. Schlessinger, assistant director of the White House Office of Management and Budget. Mr. Schlessinger is a 42 year old New Yorker who joined the White House budget staff in 1969. He has been increasingly involved in Administration efforts to reorganize Federal environmental agencies.

James Rodney Schlessinger was born in New York City on February 15, 1929. He attended Horace Mann School and Harvard. At Harvard he was elected to Phi Beta Kappa and graduated *summa cum laude* in 1950 with an A.B. in economics. After a years travel in Europe on a fellowship, he returned to Harvard, got his masters and doctors' degrees and married a Radcliffe girl, Rachel Mellinger. The couple have eight children; four boys and four girls.

After leaving Harvard, Mr. Schlessinger joined the faculty of the University of Virginia where he taught economics and wrote a book, "The Political Economy of National Security." Before joining the White House Staff in 1969, he was at the Rand Corporation.

In addition to Schlessinger, Mr. Nixon also named William O. Doub to the vacancy on the AEC created by the death of Theos Thompson.

Mr. Doub is a 39 year old Baltimore lawyer who has served since 1968 as chairman of the Public Service Commission. Last year he was named by the President to the Air Quality Advisory Board.

Dr. Seaborg was born in Ishpeming, Michigan in 1912 and received his B.A. degree in 1934 from the University of California at Los Angeles where he was elected to Phi Beta Kappa. He received his Ph.D. in 1937 from the University of California at Berkeley.

From 1937-39 Dr. Seaborg was a research associate in chemistry on the Berkeley campus and in 1939 was appointed an instructor in chemistry. While serving in this post, he became co-discoverer, in 1940, of plutonium, the first of a number of transuranium elements which he was to help discover during the next 18 years. He was promoted to assistant professor of chemistry in 1941 and in that year became co-discoverer of plutonium 239.

In 1942 Dr. Seaborg took a leave of absence from the University of California to

On Display Again



BNL's moon rock (of course) will be the central feature of an Apollo 15 Special this Friday at Berkner Hall. Three shows will be presented starting at noon, 12:30 and 1 p.m. At each show there will be a display of the large lunar sample, miscellaneous samples from other missions, stereo slides of the lunar surface, Apollo pictures, and a mini-discussion of the lunar exploration program led by Dr. Ray Davis of BNL's Chemistry Department. Assisting Dr. Davis will be Dr. Ray (Dutch) Stoenner, John Evans, Richard Lindstrom and Alf Christoffersen. The show is being presented for summer visitors and regular staff in an effort to refresh memories and up-date information about the lunar program a few hours before Apollo 15 Astronauts make their lunar landing at 6:15 p.m. on Friday.

(Continued on page 4)

Sandy The Scientist?



Sandy Propst places an *Arabidopsis* specimen in a plastic vial.

IF PROBLEMS SHOULD ARISE AFTER WORKING HOURS PLEASE CONTACT SANDY AT X2832, OR CONTACT SECURITY. THANK YOU.

The "Sandy" of this mysterious sign on one of the Physics Department doors is Sandra Propst, a summer student with Dr. Myron Ledbetter of the Biology Department. The "problems" refers to a large magnet with which Sandy is trying to determine the ultrastructural effects of growing plants in a magnetic field. The "X2832" is her dorm telephone number, just in case you were wondering.

Sandy places small green plants, family *Arabidopsis*, in plastic vials containing a very controlled agar medium. These remain in the magnetic field of 5,000 gauss (as compared to an average of 0.5 gauss for the earth) for a maximum of two weeks. Samples are taken every day and submitted to a series of treatments, including fixing, washing, dehydration, embedding, sectioning, staining, and observation by light microscopy and electron microscopy.

A control group duplicates the experimental conditions except that the magnetic field is much less.

In the literature to date on this subject, there are a few references that mitosis is affected by magnetism and only casual notes on its effect on cell walls. Yet nothing to date has been done at the electron microscopy level. With this instrument it is possible to see the ultrastructural components, especially the microtubules which Sandy is interested in. These are cylindrical

tubes measuring 250 angstroms and made of globular sub-units in the cell. She is currently only looking at the meristematic region of the root tip.

If an effect due to the magnetic field is found, more extensive experiments in a controlled growth chamber would be made. This research will supply yet more information to ultimately understand mitosis and microtubules.

Working under Dr. Lynn Margulis at Boston University, Sandy's research in-



Richard Ruffing (far left) and Walter Geisbusch (far right) are technicians in Dr. Myron Ledbetter's lab who operate the electron microscope, stain specimens, do cross sections among other things. Debbie Corwin (center left) is a lab technician trainee for the summer under the Youth on Campus Program. A graduate of Bellport High School, Debbie acts as technician and confidante for Sandy.



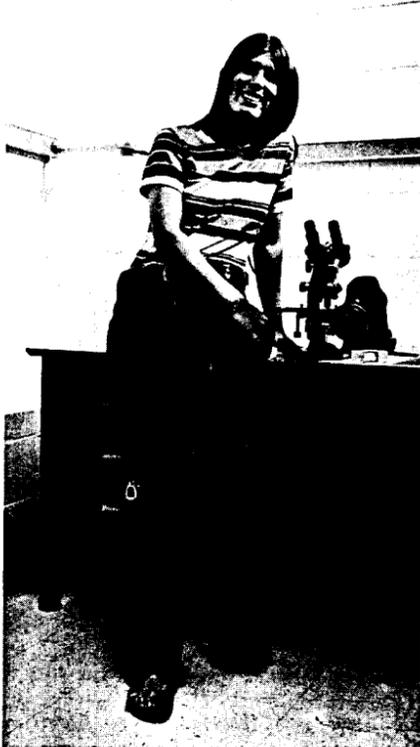
Dr. Myron Ledbetter shows Sandy the fine techniques of the electron microscope.

terest last summer began to focus on microtubules. "This is my passion," she explained. "I'm in this field because biology is life. Everybody wants to understand life, I believe, and in biology I come closest to doing that, as compared to physics and chemistry that are so terribly dry. It's an emotional thing - I feel more for my plants than I can for my magnet."

Not wanting to be characterized as "Sandy Scientist," she nevertheless is considered by others to be serious. She studies a lot at school, usually between three and eight hours a day; at BNL she attacks her work with zeal. "I enjoy my courses and my research. I dated at school and such, but on weekends I would enjoy going to the library as well."

However, she earnestly wants to do something other than just study. Planning to attend medical school after graduation, Sandy hopes to eventually do clinical research and in later years practice medicine.

"I have great fears of turning into a technician," she admitted. "In the lab,



Sandy

Photos by Humphrey

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Letters To The Editor

Dear Sir:

I am an I.B.E.W. member on strike against the Lab. I would like to address a query to the 2,000 Lab employees not on strike. Do any of you have an opinion you would care to express about this strike?

We on the outside will be looking for such an expression of what some of you think. I am sure the editor of the *Brookhaven Bulletin* will be gracious enough to publish your views in the Letters column.

James A. McGrath, P E & P

Service Awards - July

Ten Year

Baldwin, Robert A. Director's
Bunicci, John Accelerator
Commerford, Spencer Medical
Diebel, Virginia E. Physics
Gorcycya, Henry Accelerator
Kohler, Karl M. Accelerator
Krieger, Theodore Applied Science
Leitl, George J. Medical
Petersen, Bernice Director's

Twenty Year

Christman, David R. Chemistry
Mullany, Thomas A., Jr. Mech. Eng'g
Munkelwitz, Harry R. Applied Science
Rappe, Edwin F. Physics

Arrivals & Departures

Arrivals

Juanita M. Ellis Physics
Fredrick T. Horn Biology
Michael S. Isaacson Biology
Juliet Mercer Medical
Paul J. Nicklaus Medical

Departures

John A. Frizzola I & HP
James Louie Physics
Flynn B. McLean Physics
Kathleen Murray Physics
Stephen D. Schumajda Accelerator

I'm a real klutz; but in pure theoretical research, you use your mind. And there is always the idea of doing something nobody else has done."

Sandy's an activist in more ways than one, and she is a fighter for her beliefs. Yet underneath that scientific, seemingly aloof exterior is a real personality. Often she holds the unofficial title of "Social Chairman for the Summer Students" as when she arranged an informal mixer (with wine!) their first night at BNL, and when she donated food for a weekend keg party. Her high cheek-boned attractive face belies her intellectual intensity - until you get to know her.

—Johnson

Students Exchange Information



Dr. Simon Freed of Chemistry explained to the Cornell group the newly-developed cryoextraction-reconstitution method, the only known way to separate the fatty and protein components of enzyme molecules without destroying the enzymatic viability.



At the informal round table discussion Thursday morning Emma Davis (left) described her summer's work of discovering the effects of mercury on brook trout. Pictured also are Richard Guillory (center) of Cornell's Biochemistry and Molecular Biology Department and Ronald Tung (right), a senior biochemistry major at Cornell.

Cornell Undergrads On NSF Science Kick

On July 21 and 22, a delegation of 10 students and two faculty members participating in a Cornell University summer program visited BNL. Sponsored by the National Science Foundation, the 10-week program is similar to the Lab's though on a smaller scale and involving primarily only the biochemistry department.

Half of the students are Cornell undergraduates; and the other five attend Jackson State College, Lincoln University, Morgan State College, and the Atlanta Conference University. Professors Walter Nelson and Richard Guillory of Cornell's Biochemistry and Molecular Biology Department accompanied them.

Soon after their arrival, the Lab was host to all BNL summer students and the Cornell guests at a barbecue with volleyball, hot dogs, and beer. Informal meetings with the biology and chemistry students were held throughout the following day when three of the Cornell undergraduates gave short talks on their summer projects.

Lon Ross of the Department of Applied Science, Emma Davis of Instrumentation, and Howard Fraenkel and Paula Whitlock of Chemistry reciprocated with impromptu presentations. Tours of the biology and chemistry labs concluded the Cornellians' tightly scheduled visit.



Here Dr. Freed holds a product of the BNL glassblower's art which is essential to his experiments and operates somewhat like a thermos jug.

Summer Movies Back By Popular Demand

In response to the requests of a large number of Lab employees, the Recreation Office has revived the Summer Movie Program on a trial basis.

Starting on Friday, July 30, and continuing each Friday through August 20, a feature movie will be shown at Berkner Hall starting at 8:30 p.m. Admission for adults will be \$1.50, and for those under 18, \$.75.

If interest in the film series is maintained, other films will be scheduled for the balance of the summer.

For the first selection, a film from Great Britain will be shown. **The Wrong Box**, a color movie, is based on a story by Robert Louis Stevenson. Produced and directed by Byran Forbes, the movie is a farce that has one sure-fire ingredient - Peter Sellers.

The story concerns two aging brothers who are joined not so much by blood as by a trust fund lottery in which the last sur-

viving member of the family falls heir to a sizable fortune.

The Finsbury brothers and their devious relatives begin planning screwball assassination plots to insure that the money is left in the greediest hands.

The second film in the series, to be shown on August 6, is a different cup of tea. **The Servant**, with Dirk Bogarde and Sarah Miles, was described in a review in the Village Voice as "undeniably the most exciting movie of the year."

On August 13, **Cat Ballou** will be screened. Jane Fonda and Lee Marvin make this all-time classic the laugh hit of the century. If you missed this one in the local theaters, see it now. If you saw it before, you won't need to be persuaded to come and see it again!

The final scheduled film on August 20, is **Bunny Lake is Missing**. A chilling mystery - Otto Preminger's best work.

Soccer

K. Batchelor

BNL 0 vs. H.M.S. Jupiter 3

On Sunday, July 18th BNL played their first international game when the entertained a team from the British Naval Ship H.M.S. Jupiter. The visiting team was victorious by a score of three goals to nil.

The first half started at a fast pace and a move on the BNL right brought forth a good save by Jupiter's goalkeeper. The navy side was soon on the attack and Chen in the BNL goal was forced to make a number of good saves before being injured when diving to his right to make another fine stop. After this injury BNL was forced to use an inexperienced goalkeeper for the remainder of the first half and HMS Jupiter soon scored when Van Baaren hooked the ball over the advancing goalkeeper's head from a cross from the right wing. Shortly afterwards H.M.S. Jupiter went further ahead with a short shot from close range by McGannity. BNL then mounted an attack and Sparrow shot just over the bar. H.M.S. Jupiter combined well in another move down the right and Lightbody headed the ball past a lunging BNL goalkeeper from close range.

In the second half with Chen back in the BNL goal the Navy team appeared to ease up a little and there was no further scoring though the BNL defense was tested several times once forcing Pfister to kick the ball away from the goal line.

At the picnic after the game we discovered that H.M.S. Jupiter are champions of the league made up from teams representing ships of the NATO fleet so the spectators were fortunate in being entertained by a display of soccer as it should be played by a skillful and sportsmanlike team. Meanwhile we look forward to a game when the fleet docks in New York next year.

BNL Bowls Soon! Organize Your Team Now!

The outside temperature may be 100° when you read this article and you might say "It's too hot for bowling." You're probably right. However, weather aside, it's time for you to start rounding up last year's team or organizing a new one. If you can't do either, call the Recreation Office and sign up in the Players Pool and you'll be assigned to a team.

The bowling team applications are now at the Recreation Office, 3 Center Street, for you to pick up.

If you don't already know, our leagues are handicapped so that the new bowler can compete with the more experienced kegler. The leagues are fashioned for fun. We bowl shortly after work at the community alleys on the North and South Shores. Last year our Men's, Ladies' and Mixed Leagues bowled at Port Jeff Bowl and Patchogue Recreation on Tuesday, Wednesday and Thursday evenings. We have reserved the same lanes again and expect to have about the same format this season. However, it's up to you. On the application, you are permitted to list any choice of alleys or nights. If sufficient interest is indicated, we will attempt to arrange the details with the proprietors to make it happen.

Don't wait! Make your plans now.

Last year's teams have until August 13 to establish their priority to return to the same league. The deadline for all applications is August 20. Teams will be placed in leagues in the order of the earliest entries.

This year, your entry fee has been greatly reduced. It is being collected by the Bowling Officers to defray the expenses of sanction fees and special Club awards. BERA provides funds for awards, secretary fees and the expenses of the Bowling Championship.

Tennis News

Results of the first round competition in the 1971 BERA Tennis Tournament are starting to come in. The results are posted in the Gymnasium. Contestants are reminded that it is the winner's responsibility to report the results of each match so that the results may be posted promptly.

In some cases, winners have exhibited undo modesty by failure to indicate the game scores. Your future opponent isn't interested in your modesty, he wants to

know the score so that he can start worrying if it was 6-0, 6-0; and relax if it was 6-4, 4-6, 9-7 - because he recognized the loser's name and knows he could beat him 6-0, 6-0.

Starting next week, the posted results, complete with scores, will be printed in this column.

Contestants are urged to make every effort to stay on schedule. Please, play your matches within the scheduled periods so that the tournament may be finished before Labor Day.

Classified Advertisements

Autos & Auto Supplies

70 BRIDGESTONE MOTORCYCLE - 175 cc, excel cond, only 3600 mi. \$450 firm. T. Sweda, 475-7227.
68 PONTIAC GRAND PRIX - Green/blk vinyl top, air, r/h, new batt, 44,000 mi. \$1795. G. Hughes, Ext. 598, 727-6676.

VW - Wheels & snow tires (2 ea) mounted & balanced, for Squareback or Fastback, 4000 mi. \$30. Ext. 2298, 286-0783 eves & weekends.

69 VW SQUAREBACK - 20,000 mi, r/h, rear window defroster, bumper trailer hitch, 2 extra wheels w/ snows, excel cond. \$1850. Ext. 2298, 286-0783.

66 MUSTANG H.T. - 6 cyl, straight shift, good cond, very clean, the original "simple machine." \$775. Marty, Ext. 366.

65 DODGE STATION WAGON - 9 psgr, ps/pb, auto trans, good tires. \$600. 286-3419 eves.

66 CHEVY IMPALA - 2 dr hdtp, 6 cyl stick, best offer, must sell. Ken, Ext. 7638.

70 FORD LTD - 2 dr sedan, a/c, auto trans, ps/pb. \$2495. AN1-0107 after 5.

71 YAMAHA MOTORCYCLE - 350 cc, windscreen, crash bars, rack, saddle bags & backrest. Esper, 732-8171.

63 MERCURY METEOR - Transportation. \$200. Mike, Ext. 2314.

63 VW - Sunroof, r/h, rebuilt motor w/8000 mi. Best offer over \$275, avail mid-Aug. W.S. Hillman, Ext. 2962, HR2-1397.

67 FORD GALAXIE 500 - 2 dr hdtp, auto trans, ps, air cond, good cond. Mac, 281-2830, 281-9559.

71 VW SUPEREETLE - Auto stick shift, r/h, perf cond, 6000 mi, avail late Aug. Best offer over \$1900. W.S. Hillman, Ext. 2962, HR2-1397.

66 YAMAHA MOTORCYCLE - 300 cc, custom paint, high bar, sissy bar, 11,000 mi w/new equipment-tires, brakes, chain, ignition. 588-5586.

62 RAMBLER CLASSIC - 4 dr, 6 cyl, manual trans, new tires, runs well, needs paint. Ext. 7353, 587-9372.

MUSTANG PARTS - Grille, hood, tail light, radio, heater, doors, windows. Ext. 2814.

68 PLYMOUTH SATELLITE - 9 seat wagon, auto trans, V8, radio, ps, h.d. brakes & susp, avail 8/12. \$1500. Ext. 2834, 744-5079.

61 COMET - 63 eng, auto trans, r/h, good mech cond. \$125. Bob, Ext. 2450, 289-0357.

13" WHEELS - 4 lug, fit Corvair, Comet, Falcon, \$5/pr; GM generators, 12v, \$5 ea. Bob, Ext. 2450, 289-0357.

Boats & Marine Supplies

26' WHEELER CRUISER - All white cedar skiff, 115 hp Chrysler rebuilt F.W.C. 1 1/2:1 reduction, new gas system, copper gas tanks. reasonable. 924-8462 eves.

18' THUNDERBIRD - 75 hp Evinrude, excel cond. \$1700. G. Kinne, Ext. 7115.

YACHT CHAIRS - 2 ea blue canvas back & seat, new cond. \$10 ea. Jack, Ext. 684.

12' FIBERGLASS "GAMEFISHER" - By Sears, 7 hp Eska outboard, less than 6 hrs running time; both 1970 models. \$325. Ext. 2411, 581-0950.

OUTBOARDS - 7 1/2 Evinrude, \$50; 7 1/2 Evinrude fleet-twin w/tank, \$125. Mrs. Heinrich, 744-6211.

15' THOMPSON LAPSTRAKE - Good cond, ready for water. \$250. 924-3170.

16' LARSON FIBERGLASS BOAT - W/Tee Nee trailer. \$200. 281-9504.

26' OWENS CABIN CRUISER - Excel cond, must sell. 289-1568 after 6.

DIAMOND 17 - Fiberglass sloop, dacron sails, CB, extras. Under \$1000. 286-1205.

15' RUNABOUT - Plywood w/fiberglass outside, 22 hp Mercury, needs remote throttle cable, very good cond. \$225. Irene, Ext. 574.

17' FIBERGLASS SLOOP - 3 hp Johnson, al mast, ss rigging, dacron sails, self bailing, planing hull, cuddy cabin. \$1200. 878-2067

45 HP OUTBOARD - Scott/McCulloch, starter needs repair. \$20. Ext. 2109.

Ads left out of this issue because of lack of space need not be re-submitted in order to run in next week's issue

Miscellaneous

LIV RM FURN - Contour chair, 3 pc sectional sofa, like new & traditional chair, reasonable. Ext. 420, 924-3761 after 5:15.

MACY'S PLAYGYM - & monkey climbing bars for children, almost new, reasonable. 924-8462 eves.

WEBCOR TAPE RECORDER - 4 track, 7" reel, w/stereo playback, 3 spd, \$175; 3" reflector telescope, \$20; Jelco 3 turret, 8 mm movie camera, \$40. 924-3554 eves.

14' TAG-A-LONG TRAILER - Self contained, plenty extras. Asking \$1500. 281-6929 eves.

DRIFTWOOD LUMBER - Oak, mahog, fir, 3'-6' long, 4x4's to 1x5's, approx 300 lb total. \$25. 924-4879.

TENT - 9x11 Morsan, excel cond. \$35. Manny, Ext. 2378, 363-6787.

KITCHEN CABINET - New cabinet for installation under soffet, 36" w x 15" h x 12" d. Les, Ext. 7762.

24 SARDINE CAN KEYS - For sale or rent. Ext. 423.

BEFORE YOU GO ON VACATION - Have your car tuned up. Richie, Ext. 7228, 665-7651 after 6.

SPREADER - Scotts 35-3, used only a few times, like new. Sell for \$9.50 (Orig \$18). Ext. 2403, 744-8246.

CHILD'S TABLE & CHAIRS - Record player w/records, \$5 ea; misc toys cheap. 286-8062.

WASHING MACHINE - GE filter flow, \$25; studio couch w/slip covers, \$10. 878-1859.

WASHING MACHINE - GE, working cond, \$25. 286-3419 eves.

KITCHEN TABLE SET - 4 chairs, formica top, very sturdy cond, needs refinishing-birch. \$15. 878-1859.

KITCHEN TABLE SET - Marble formica top, extension leaf, 4 molded swivel chairs. New \$159, selling \$45. 878-1859

2 COLONIAL BRASS WALL PLATES - Lg size. \$2 ea. 878-1859.

SEARS RM AIR COND - 6000 BTU, 7 1/2 amp, like new cond. New \$159, asking \$90. Bob, Ext. 7203, 281-4371.

AURORA HO RACING SET - Over 40' of track, 7 cars, transformer, controls, accessories. 286-0783.

TV - GE 21" console, excel cond. \$50 firm. 281-5569.

PROJECTOR - Viewlex, 35 mm, 300 w, w/beaded screen. \$35. Ext. 2298, 286-0783.

TOY POODLES - 1 blk, 1 silver, AKC reg, shots, etc., female. F. Merkert, 732-3003.

STEREO RECORD PLAYER - W/2 speakers, \$65; TV, \$65; portable radio, \$20; iron, \$3.50; bottle warmer, \$1; baby bath, \$1; visitor leaving. Engelbertink, Ext. 2218.

HIDE-A-BED SOFA - Needs slipcovers. \$35. Ext. 7372, 286-3462.

PANASONIC AM/FM STEREO - W/Garrard changer, good cond. R. Goldberg, Ext. 7243, 9-5; Ext. 2377 eves.

CIRCULAR SAW - Skil 7 1/4", hand held, w/3 extra blades. \$30. Ext. 2298, 286-0783.

SKIS - Men's 7', laminated, metal edged plus steel poles. \$25. Ext. Ext. 2298, 286-0783.

PERSIAN KITTENS - CFA reg, 2 white, 1 cream, 1 tortie, champion sire. 929-4631.

MEN'S GOLF CLUBS - Nicklaus alum shaft, full set incl putter. Orig \$250, now \$135 (6 mos old). 286-9477.

RECORD PLAYER - Philco mono-portable w/auto changer, good cond. \$20. Ext. 603.

CUSTOM TAILORING & ALTERATIONS - Men's & women's clothing. 286-3454 after 7.

DRYER - Frigidaire, pink, spare motor, 110 or 220 V, \$45. Whitey, Ext. 2179.

\$3 GOLD PIECE - 1854, cond fine. Asking \$75. 924-4063, 281-3299.

Real Estate

Real Estate advertised for sale or rent is available without regard for the race, color, creed or national origin of the applicant.

For Sale

CAPE COD HOUSE - On 1/2 acre, 4 bedrms, 2 baths, w/w, new furnace, 2 wells, many extras. 281-8579.

MEDFORD - Custom colonial, lg liv rm w/fireplace, formal din rm, 32' country kitchen, paneled den, 4 bedrms, 1 1/2 baths, rec rm, att 2-car garage, 1 1/4 treed acre w/playhouse. 289-1614.

WADING RIVER - 7 rm ranch, 1 yr old, 3 bedrms, 2 baths, paneled fam rm w/fireplace, w/w, s/s, 2-car garage, full bsmt, oil baseboard heat, central air cond, 2 mi from beach, on 1 acre of woods. \$47,500. Ext. 2930, 929-6459.

PT JEFF-BELLE TERRE - Reduced for quick sale, 10 rm center hall colonial, 4 bedrms, 2 1/2 baths, on 2+ wooded acres. 473-8883.

MASTIC - 4 bedrm house, 1 acre land, kitchen, bath, din & liv rm, plus 3 rm apt, 1119 Mastic Rd, Mastic. J. Titmus, Ext. 2474.

SOUTHHAVEN - 2 story colonial, 3 bedrms, lg fam rm, liv rm w/fireplace, din rm, 2 garages, wooded lot, fully landscaped, near Lab. 286-8827.

WADING RIVER - 2 yr ranch, 3 bedrms, din rm, liv rm, kitchen, den, full bsmt, garage, w/w, s/s, all appliances, landscaped 1/2 acre, pvt lake rts, 10 min to Lab. 929-4388.

BELLPORT VILLAGE AREA - Charming 3 bedrm ranch, din rm, laundry rm, fireplace, 1 1/2 garage, fenced, landscaped, bsmt, expensive extras galore. \$27,990. 286-8526.

MILLER PLACE - Brand new 8 rm ranch, 3 bedrms, huge kitchen, fam rm w/fireplace, 2 full baths, 2 car garage, full bsmt. Ext. 566, HR3-5786.

For Rent

LG 2 1/2 RM APT - Separate kitchen, priv entrance, util incl. LT9-5951.

MASTIC BEACH - 5 bedrm cape cod, lg liv rm, lg eat-in kitchen, din rm or den, bath, laundry rm, lease starting 9/1/71. \$300/mo. 281-8076 after 6.

E. PATCHOGUE - 12/1/71-4/1/72, furn 4 bedrm house, very reasonable. 475-1844.

BAYPORT - Charming 1851, furn, 1 yr Sept, mod kitchen, 1 1/2 baths, fireplace, 6 rms incl lg studio (or storage), 3/4 acre, trees, barn, walk to village, bay, buses. Ext. 2962, HR2-1397.

Wanted

GIRL'S BICYCLE - 26" English racer in good cond, reasonable. John, Ext. 7157, 281-2623.

WHO CAN RENT OR SELL US A TENT? - D. Schwalm, Ext. 7581/518.

GOOD HOME - For 5 yr old Lab Ret, good w/children, bred well, papers, shots. Rizzo, Ext. 2717, 286-0716 eves.

HOMES FOR KITTENS - 2 tiger grey males, 1 blk female. Alina, 281-7547.

HOME - For 2 water turtles. 744-5079.

5 HP LAWN MOWER ENG - Bob, Ext. 2450, 289-0357.

REASONABLE ESTIMATES - For completion of an existing dormer, carpentry, elec work, plumbing, 289-5730 after 6.

USED SET BLUE JAY SAILS - Main & jib only, no spinaker. 286-1219 after 5:30.

OLD 40 HP JOHNSON OR EVINRUDE - For parts, full elec only. Joe, Ext. 7404, 281-7683.

Carpools

JOIN CARPOOL - Hauppauge area. Ext. 2153.

DRIVER - To compl old, estab carpool from Patchogue. Bob, Ext. 2265.

Cafeteria Menu

Week Ending August 5, 1971

Friday, July 30	
New England Clam Chowder	
Fried Scallops w/Tartar Sauce & French Fries	.95
Poached Filet of Sole w/Crabmeat Sauce & 1 Veg.	.95
Roast Beef & 1 Veg.	.85
Monday, August 2	
Cream of Mushroom Soup	
Western Omelet & 1 Veg.	.85
Baked Macaroni au Gratin w/Bacon Strips & 1 Veg.	.85
Boiled Beef w/Beetrelish & 1 Veg.	.85
Tuesday, August 3	
Vegetable Soup	
Manicotti w/Meat Sauce & Tossed Salad	.85
Braised Beef a la Mode & 1 Veg.	.95
Chicken Chow Mein on Crisp Noodles	.85
Wednesday, August 4	
Turkey Noodle Soup	
Corned Beef & Cabbage w/Boiled Potato	.95
Spaghetti w/Italian Sausage & Peppers	.90
Grilled Chopped Beefsteak & 1 Veg.	.80
Thursday, August 5	
Onion Soup w/CROUTONS	
Veal Parmigiana w/1 Veg.	.90
Braised Chicken Leg & 1 Veg.	.80
Baked Stuffed Green Peppers & 1 Veg.	.85

Seaborg Resigns (cont'd)

head the plutonium work of the Manhattan project at the University of Chicago Metallurgical Laboratory.

Dr. Seaborg was appointed by President Truman in 1946 to be a member of the Atomic Energy Commission's first General Advisory Committee, a post he held until 1950. Also in 1946, Dr. Seaborg returned to the Department of Chemistry at the University of California as a full professor and directed nuclear chemical research at the Lawrence Radiation Laboratory, operated for the Atomic Energy Commission by the University. In 1954 he was named Associate Director of the Lawrence Radiation Laboratory.

Dr. Seaborg received the Nobel Prize for Chemistry in 1951, in recognition of his discoveries in the field of nuclear chemistry. He also is the recipient of numerous other honors and honorary degrees. He is a member of many professional and honorary societies, and he has served on numerous professional advisory groups.

He is the author of approximately 200 scientific papers, including a number of comprehensive reviews and compilations in scientific publications. He is also author and co-author of several books on chemistry and the elements.

In August, 1958, Dr. Seaborg was appointed Chancellor of the University of the University of California at Berkeley and served in that capacity until his appointment by President Kennedy in 1961 as Chairman of the Atomic Energy Commission. He was reappointed to this position in 1963.

Dr. Seaborg is married and has six children. He resides with his family in Washington, D.C.

Classified Ad Policy

Deadline is 12 noon Friday for publication the following week.

1. The Brookhaven Bulletin's classified section may be used only by active and retired Laboratory employees.
2. All items for sale or rent must be the advertiser's property.
3. Ads for material acquired for resale in association with a full or part-time business cannot be accepted.
4. Firearms offered for sale or trade may not be brought on site.

5. Ads not carried because of space restrictions will be held for publication in the next issue.
6. Ads are run only once and must be resubmitted if they are to be repeated.
7. Ads should be restricted to 20 words or less and typed or printed on the form provided, and must bear the employees signature.

<input type="checkbox"/> For Sale: Auto & Auto Supplies	<input type="checkbox"/> Wanted Carpools	
<input type="checkbox"/> For Sale: Boats & Marine Supplies	<input type="checkbox"/> Lost & Found	Check <input checked="" type="checkbox"/> the heading applying to your ad.
<input type="checkbox"/> For Sale: Miscellaneous		Print or type your ad in 20 words or less.

Ads concerning property for sale or rent cannot be accepted on this form. Special Real Estate Ad forms are available at the Office of the Brookhaven Bulletin, Room 112, 40 Brookhaven Avenue.

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(Name & Phone No. To Call)

Employee's Signature Life No. Ext.

Send to: Brookhaven Bulletin, 40 Brookhaven Avenue