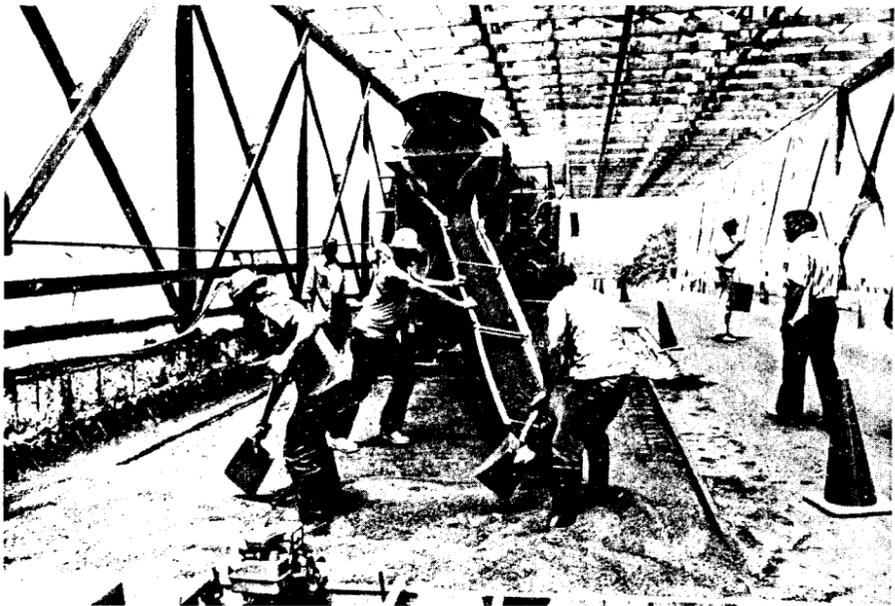


Cr 6-1686-78



After the impregnation of the bridge was completed, the westbound lane of the bridge was resurfaced with polymer concrete and the eastbound lane with asphalt. This was done to check the long term application of concrete polymer as a riding surface. Six cubic yards of the polymer material were mixed at one time, the largest batch mixed to date.

New Life For An Old Bridge

Brookhaven's concrete polymer process is moving on to bigger things. With very little in the flow of traffic, a badly deteriorated reinforced concrete bridge deck of the 50-year old Greenport bridge was recently restored by polymer impregnation. They literally "glued" the bridge back together.

The restoration followed three years of testing by DEE's Process Sciences Division and the New York State Department of Transportation on both the Greenport and the Sag Harbor bridges. Although such structural elements as curbs and building lintels have been produced abroad for a number of years, this project was the first full scale impregnation of a structure anywhere in the world.

It has been estimated that thousands of reinforced concrete bridges in the United States are in need of repair. To repair or replace them by traditional means is time consuming and very often means taking the bridge out of commission until the work is done. In urban areas, this results in a severe disruption in the flow of traffic which is costly and an aggravation to the community.

Since no major repairs had been made on the Greenport bridge since it was built, the decision had to be made to tear it down or reconstruct it. The New York State Department of Transportation elected to make a full scale demonstration project of the Brookhaven process and awarded a contract to a Denver, Colorado firm last year to reconstruct the bridge with the Laboratory's technical assistance. The project was successfully completed this fall.

At Greenport, the process consisted of first heating the underside of the deck with infrared electrically energized heaters. The concrete was dried to a moisture content of about one percent by weight. The cracks were then sealed and the underside coated with silicone rubber. Instead of cement as the bonding agent, the monomer, methyl methacrylate, a liquid petrochemical, was sprayed onto the surface of the deck soaking into the cracks and pores in the concrete. The surface was heated and the monomer converted into solid plastic, or polymer. The preparation and reconstruction took about one year.

The rehabilitated deck has a strength at least equal to its original strength. Because it will absorb much less water than normal concrete it is highly resistant to the damaging effects of freeze-thaw cycling and waterborne salts. When work began on the bridge, the portland cement in some parts had so degenerated that the concrete could be removed by hand.

The bridge is west of Greenport on 25A over the L.I. Rail Road. During the day when reconstruction was in progress, traffic flow was maintained by working on one lane at a time and by using a temporary

steel plate riding surface supported six inches above the top of the deck. The steel plates were made skid proof by bonding sand to the steel with another monomer, polyester-styrene resin. In most cases, after work ceased for the day, both lanes on the bridge could be used by traffic.

The one problem encountered during the reconstruction of the bridge was a fire on the deck caused by leaking monomer, after the first impregnation cycle. To eliminate the possibility of another such occurrence, they improved the system by flooding the impregnated area with CO₂ gas during the three or four days in each cycle when this problem is critical. The BNL Fire Department provided their equipment and services.

Although the initial cost of polymer impregnated concrete is considerably higher than portland cement, it is felt that the difference is offset by its greater durability, and savings in cost from not having to close off traffic, and build bypass bridges, or frames for new concrete structures. Old New York City bridges in high traffic areas are considered likely candidates for the polymer treatment.

Other experiments by the N.Y. Department of Transportation to evaluate the polymer materials include the installation of a 12 x 50 skid resistant surface panel on the Kosciusko Bridge in Queens and the polymer resurfacing of two sections of the Long Island Expressway bridge over the L.I. Rail Road in Manorville.

(continued on page 2)

NSF Compiling List Of Women In Science

Women scientists are being recruited for a National Science Foundation roster of individuals who would like to meet with students from junior and senior high schools or colleges.

The roster is an expanded version of an NSF supported project which last year provided the names of 40 women scientists who visited 110 high schools across the country. The success of the program prompted a number of schools to request a list of women who might be willing to visit their students. The NSF has contracted with the Research Triangle Institute to compile a "Women Scientists Roster" which will attempt to meet such requests.

Women who wish to be included in the roster should send their name, mailing address, telephone number, type of science, specific science field, highest degree earned, type of employment and race or ethnic background to Carol Place, Research Triangle Park, NC 27709, by January 31, 1979. Respondents should omit any information they do not wish to have released.

Deutch Named Head Of Energy Technology

Secretary of Energy James R. Schlesinger announced Monday that he has designated John M. Deutch as Acting Assistant Secretary for Energy Technology, effective January 1, 1979. The Secretary said that Deutch also will remain in his current capacity as Director of Energy Research.

He will succeed Robert D. Thorne, who submitted his resignation to the President Thursday. The President received Thorne's resignation "with regret" and commended him for his service in the department.

The Assistant Secretary for Energy Technology directs activities aimed primarily at making new energy technologies available for commercial application. This includes research, development and demonstration programs involving all developing energy sources.

Deutch, a former chairman of the chemistry department at MIT, has headed the Office of Energy Research since the creation of the Department of Energy in October 1977. Brookhaven is under the jurisdiction of the OER and Deutch made two visits to the Laboratory this year.

Thorne joined the former Atomic En-



John M. Deutch during a visit to Brookhaven in April.

ergy Commission (AEC) in 1955, rising to the position of acting general manager, a post he held when the AEC became part of the Energy Research and Development Administration (ERDA) in 1975. He served in several positions in ERDA. At the time of his appointment as assistant secretary, Thorne was manager of DOE's San Francisco Operations Office.

Inside Info

Veljko Radeka has been reappointed Head of the Instrumentation Division for another three-year term, to extend through December 1981.

In making the announcement, Laboratory Director George Vineyard said that "over the years the Division has made great contributions to our programs through instrumentation research and development. With the ISABELLE and Synchrotron Light Source projects now underway, the capabilities of the Division become all the more important to the Laboratory, and Dr. Radeka's continued leadership will help maintain its strength."

Three BNL'ers will take an active part in the 1979 Annual Meeting of the American Association for the Advancement of Science, to be held January 3 - 8 in Houston, Texas.

Seymour Holtzman of Medical is the organizer and moderator of a symposium on "Animal Models for the Study of Breast Cancer." Among the four speakers on the program will be Claire Shellabarger, also of Medical, who will discuss the advantages of using rats as models for breast cancer research.

Alfred Wolf of Chemistry will be a speaker in a symposium which he also organized and will moderate. The topic will be "Radiochemistry, Radiopharmaceuticals, Tomography, and New Aspects of Metabolism in Humans."

Power Loss Causes Brief Shutdown

There were no lights and very little action at the Lab on Wednesday, when a Lilco power outage cut off electricity to a large area of Central Suffolk County. About 13,000 Lilco customers were affected by the outage, which began a few minutes after 3 p.m.

The problem was caused by the failure of a transformer at a Lilco substation located on the south edge of the Lab site. As of yesterday, the cause was unknown.

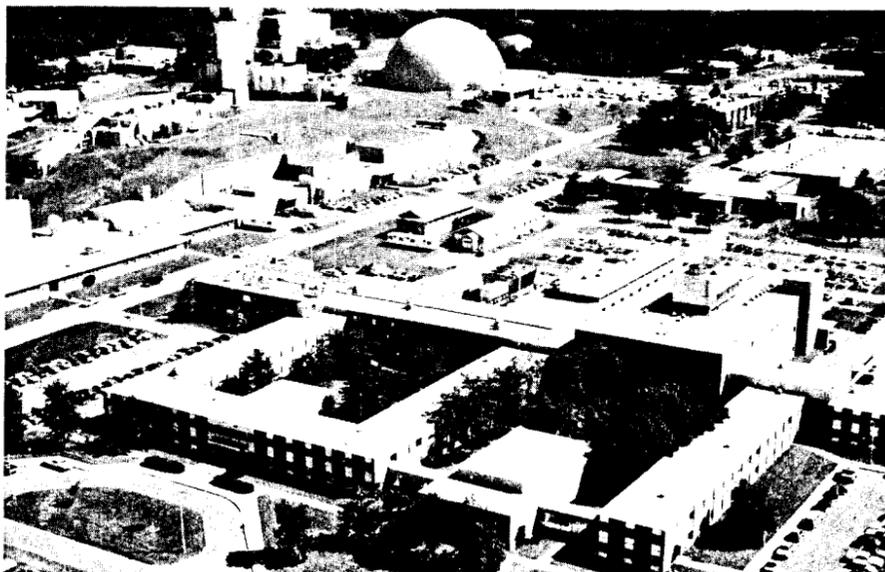
Brookhaven's reactors and accelerators were safely shut down according to standard procedures for such situations, and emergency generators in the Biology and Medical Departments operated without any problems. No serious damage was reported on site.

An administrative closing was announced at 4 p.m., and those people who could be spared were sent home at that time. Power returned at 4:39 p.m.

One of the casualties of the outage was the Brookhaven Lecture which was scheduled for 8 p.m. Because of uncertainty as to when the power would come on again, the lecture was cancelled. It will be rescheduled at a later date.

Coincidence department: Helen Cherubini (Secretary to the Director) was typing a revised version of the Safety Manual when the power went off, and so did her typewriter. She was stopped at a subsection on "Electrical Fault or Failure."

Birds-Eye View Of BNL



The Physics Department and points east.

—aerial photo by Walton

Campaign '78 Wraps Up

The 1978 United Way Campaign has been completed and the best results since the Laboratory began participating in the drive have been achieved. Six hundred eighty employees contributed or joined the payroll deduction plan so that a total of \$41,607.12 has been realized.

The break-down by department is as follows:

Department	Participants	%
Contracts & Procurement	44	100
Fiscal	31	100
AUI	6	67
Supply & Materiel	52	64
Personnel	18	58
Tech. Info. Div.	12	48
Director's Office	26	45
S&EP	41	28
Photog. & G.A.	14	25
Medical	51	25
DNE	59	24
ASDP	6	23
Staff Services	13	22
Reactor	11	20
Biology	21	18
AMD	20	16
Instrumentation	9	16
Chemistry	18	15
Physics	44	14
DEE	51	13
Accelerator	67	12
Central Shops	17	12
Plant Eng.	48	11
Non-BNL	1	
Total	680	20

In the near future, United Way stickers will be distributed to contributors. The Division of Contracts and Procurement and Fiscal are the first co-winners of the annual Director's Award for participation.

Chairman Mike Guacci and co-chairman Jim Vance wish to extend their appreciation to department coordinators, solicitors and all individuals whose hard work made this year's campaign a success. We wish to also thank the *Bulletin* staff for their assistance.

Cooking Exchange

The Cooking Exchange Holiday Party will be on Tuesday, December 19, from 5:00-7:00 at the Recreation Building. All Cooking Exchange members are invited and asked to bring their spouses. There is a \$1.00 admission per couple to cover the punch and babysitting. Each member is requested to bring a hot hors d'oeuvre sufficient for 8-12 people.

Please call Elaine Lowenstein, 286-2788, Sabena Pfeifer, 345-3118, Linda Humphrey 286-0925, Wendy Green 878-8952, or Julia Walenta 928-4926, to let us know you're coming.

Cafeteria Menu

Week Ending December 22, 1978

Monday, December 18

Potato leek soup	(cup)	.30
	(bowl)	.40
Ham à la king on toast points		1.30
Cheese omelette w/1 veg.		1.25
Hot Deli - Pastrami	(on bread)	1.15
	(on roll)	1.25

Tuesday, December 19

Split pea soup	(cup)	.30
	(bowl)	.40
Chinese pepper steak on rice		1.30
Barbequed spare ribs and black eyed peas		1.40
Hot Deli - Roast beef	(on bread)	1.25
	(on roll)	1.35

Wednesday December 20

Cream of cauliflower soup	(cup)	.40
	(bowl)	.50
Breaded flounder fillet w/fr. fr.		1.25
Spaghetti w/meat sauce		1.30
Hot Deli - Baked Virginia ham	(on bread)	1.25
	(on roll)	1.35

Thursday, December 21

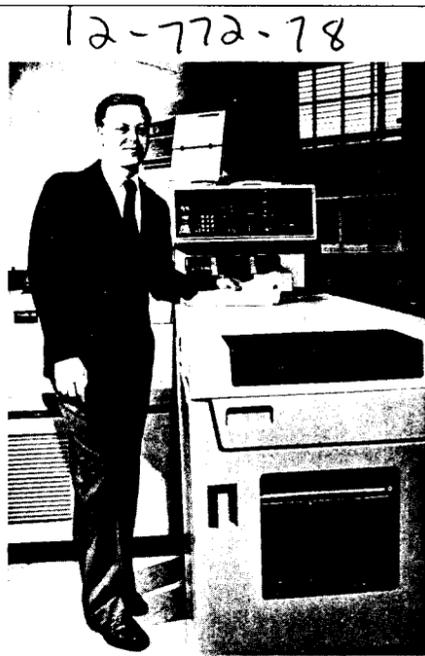
Christmas Special

Choice of:

Small juice or cup of beef vegetable soup		
Standing steamship round		
or		
One-quarter Long Island duck and stuffing		
Choice of:		
Baked potato with sour treat and string beans amandine		
or		
Buttered noodles and glazed carrots		
Small beverage	Holiday cake	
	\$2.25 plus tax	

Friday, December 22

Soup du jour	
Pot luck	



Joe Hanson

Staff Changes In P&GA

Jack Laurie has been promoted to the position of Assistant Manager of the Photography and Graphic Arts Division. As Assistant Manager, Jack has been given general Division responsibilities; however, his primary assignment is the responsibility for all personnel actions for the Division. This appointment will enable Bob Brown, Division Manager, to concentrate on current and future technological aspects of the Division's operations.

Jack joined the Laboratory in 1959. He has been Technical Supervisor of the Quick Copy Service Center since 1971. He is a graduate of Suffolk County Community College and is currently pursuing his Bachelor's degree at Dowling College.

Joe Hanson has been promoted to Technical Supervisor in Quick Copy Service Center to replace Jack. Joe has been with the Laboratory since 1964.



Jack Laurie

—photos by Reben

Holiday Food Service

The Vended Food Service in Building 912 will be open at all times and will be serviced regularly throughout the Christmas and New Year's holidays.

The Center Club snack and beverage bar will be closed on Friday, Saturday, Sunday and Monday, December 22nd through December 25th and will reopen at 5:00 p.m. on Tuesday, December 26th. The Center Club will also be closed on Saturday and Sunday, December 30th and 31st and will reopen at 5:00 p.m. on Monday, January 1st.

The Cafeteria will close at 2:00 p.m. on Friday, December 22nd. On Saturday and Sunday, December 23rd and 24th, and Saturday and Sunday, December 30th and 31st, Snack Bar Service will be available from 9:00 a.m. until 2:00 p.m. The Cafeteria will be closed on Monday, December 25th and Monday, January 1st.

The coffee truck will not make its rounds on Friday, December 22nd, due to the half holiday.

Seminar For Women

Employees are invited to attend an informal seminar given by Dr. Sbarra entitled "Pap Smears and Uterine Cancer" to be held in the large conference room of the medical building (490) on Wednesday, December 20, 1978. There will be a short talk starting at 11:15 followed by a question and answer period to extend through 12:30. Please feel free to bring your lunch. Appropriate arrangements should be made beforehand with supervisors as necessary.

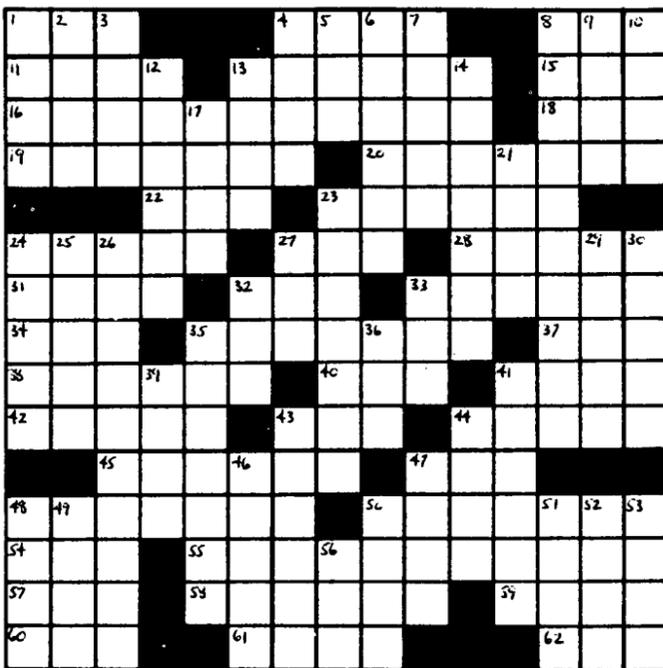
Bridge

(Cont'd)

In cooperation with the New York State DOT, Meyer Steinberg, Larry Kukacka, Jack Fontana and George Arnold were involved in the project from its conception through completion. BNL is preparing a report on the Greenport project, and the Federal Highway Administration is making a film for showing to state highway departments across the country.

CROSSWORD PUZZLE

The following puzzle has been prepared with several references to BNL activities. The answers will appear in next week's issue. We plan to offer other crosswords in the coming months and would appreciate your comments.



Across

- 1 Ovine utterance
- 4 BNL food service by
- 8 Item in our gym
- 11 Eight: Prefix
- 13 Lead ore
- 15 Bullring cheer
- 16 Team in our mixed softball league
- 18 de plume
- 19 Regular event at BNL
- 20 with (encounters)
- 22 Morning deposit
- 23 Lost-and-found item
- 24 Clubbed
- 27 Element used with niobium in superconducting cables
- 28 Bumbling
- 31 Word of woe
- 32 Actor Young
- 33 Rat on
- 34 Poppycock
- 35 Safety, DNE group
- 37 Watered down: Abbr.
- 38 Coco of "Coco"
- 40 Exclamation of discovery
- 41 Weather instrument or turbine part
- 42 Tasty
- 43 Opposite NNW
- 44 Word after sooth or nay
- 45 Progress report
- 47 Unit produced by steam plant
- 48 Cause for an infirmary visit
- 50 Graceful and slender
- 54 Slithery one
- 55 Part of NSLS
- 57 Wrath
- 58 Like some laboratory counters
- 59 gin fizz

Down

- 1 Curtises
- 2 Part of 48 Across
- 3 A basic concern at BNL
- 4 Johannesburg's land: Abbr.
- 5 Three-time heavy-weight champ
- 6 Mr. Fischer or Mr. Tropsch
- 7 Man's name, meaning "divine helmet"
- 8 Summer Recreation Program event
- 9 Felipe, Jesus or Matty
- 10 Thermometer meas.
- 12 Stage whispers
- 13 Nibble
- 14 Artist's studio
- 17 Unified
- 21 Tepee
- 23 Item sold in a Bulletin ad
- 24 Connelly and Chagall
- 25 Waikiki greeting
- 26 Part of BNL's reel-to-reel taping apparatus
- 27 Spanish aunt
- 29 Patriot Thomas
- 30 "Tippecanoe and Too"
- 32 Colloid
- 33 Featherly scarf
- 35 Blushing moderately
- 36 "..... Benefits Package," recent Bulletin article
- 39 Fruit-bearing palm
- 41 Subterranean chambers
- 43 BNL worker, for short
- 44 Normandy town
- 46 "..... Like It"
- 47 Feathered friend
- 48 Linac's neighbor
- 49 Of aviation
- 50 Fare for Miss Muffet
- 51 Heraldic border
- 52 Golf club
- 53 Hydrocarbon suffixes
- 56 Roman 450

Service Awards

The following employees will receive service awards during the month of December:

Thirty Years

Peter F. Kreh.....Plant Engineering

Twenty-Five Years

Stuart S. Rideout.....Applied Math.

Twenty Years

Harold Alexandersen.....Accelerator
William A. Fleischer.....Plant Engrg.
Henry J. Halama.....Accelerator
Roman Kuczynski.....Plant Engrg.
Gordon E. Rackett.....Accelerator

Ten Years

Lawrence T. Arnold.....Accelerator
Edmund E. Okula.....Plant Engrg.
Andrew Slavinsky.....Plant Engrg.

Theatre Group Tryouts

Cast call is next week for the Neil Simon play, "The Gingerbread Lady." Those interested in auditioning should come to Berkner Hall, Monday, December 18 or Wednesday, December 20 at 8 p.m.

Stony Brook Events

Friday, December 15

Speaker: Alex Doumourous, St. Vladimir's Seminary, Scarsdale, "Early Greek Immigration to the U.S. and the Development of the Greek Orthodox Church in America," 8:15 p.m., 236 Stony Brook Union.

Holiday Crafts Fair: Through Dec. 20, 10 a.m. - 6 p.m., Stony Brook Union Main Lobby and Lounge. Further information, 246-3657.

Recital: Cellist James Kohn, 8 p.m., Recital Hall, Fine Arts Center.

Speaker: Michal Simon, "The New Observatories," 7:30 p.m., 001 Earth and Space Sciences. Telescope viewing follows, weather permitting.

Art Exhibit: "The Sister Chapel," a group of paintings celebrating aspects of women, today only, Art Gallery, Fine Arts Center. Hours: 7 p.m. - 10 p.m.

Sunday, December 17

Messiah Sing-In: 3 p.m., Auditorium, Fine Arts Center. Bring your score, refreshments to share. Call 246-5678 for more information.

Recital: Cellist Pamela Frame, 8 p.m., Recital Hall, Fine Arts Center.

Monday, December 18

Recital: Cellist David Wishnia, 8 p.m., Recital Hall, Fine Arts Center.

Arrivals & Departures

Arrivals

Walter W. Annand.....Plant Engrg.
Raymond F. Blomberg.....Accelerator
Rozalia Kemeny.....Reactor
William V. Peterson.....Plant Engrg.
William W. Slavinsky.....Plant Engrg.
Karen P. Watts.....Medical

Departures

Glenn W. Boyce, Jr.....Energy & Env.
William S. Graves.....Plant Engrg.
Yasuaki Nakahara.....Nuclear Energy
Helma Scesny.....Accelerator

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BROOKHAVEN BULLETIN

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BERNICE PETERSEN, Editor
ANNE BAITTINGER, Staff Writer
ROSANNE PAGANO, Editorial Assistant

40 Brookhaven Ave., Upton, N.Y. 11973
Telephone (516) 345-2345

CARL R. THIEN, Public Relations Officer

Duplicate Bridge

The inaugural meeting of the Duplicate Bridge Group was held in the dining room of the Brookhaven Center on Thursday, December 7.

It was decided to meet regularly on Thursdays during the winter with a break for Christmas. The main game will start at 7:30 p.m. with an instructional period starting 30 minutes earlier. There will be a small charge of 50¢ per person to cover running expenses. At present the group is borrowing equipment, but if the current enthusiasm continues, we will acquire our own equipment. The next game after the appearance of this article will be on January 4.

Sixteen of the 30 interested players stayed behind for a three board demonstration of duplicate bridge.

Bowling

Pink League

The Lickety Splits relinquished their comfortable fourth place by taking 7 with the help of Helen Keeley's 174/168/497, Marie Grahn's 166/161/484 and M.G. Meier's 172.

High game for the night was bowled by Ellie Kristiansen 195. Other good bowlers were Renie Rosati 176, Pat Jencius 165, Fran Briening 161 and Carol Beckner 161.

Red League

The Old Timers retained their 1/2 point lead in the Red with great team bowling. They skunked This Isa Team 11-0, one game a 1049. R. Adams (214) had a 573-624 series, J. Roesler (213) a 565-637 and W. Reams a 548-608. N. Greenlaw won a triplicate patch with three games of 149.

The 76'ers also took 11 from the Sparks. J. Morris (213) had a 589-631 series and J. Connelly (209) had a 580-619. R. Larsen had a 130 (?) game.

The Freon Loaders also won 11 this week over the Blue Jays. L. Tempesta had a 647 gross and F. Powers 631. The Designers lost 4-7 to the Trouble Shooters... those scores shall be kept secret!

The Sandbaggers won 8 in a match with the Old Timers II. C. Bohnenblusch had a 200 and K. Riker a 626 gross. The Anachems only managed 3 in a close match with the Dyno-Mites. L. Newman had a 216 561-684 series and P. Klotz a 204.

Green League

The Sparks still hold a lead on first as they were downed by the 76'ers for eleven. W. Kristiansen had a 201. The Pinball Wizards moved into second as they took eight from the Cosmos. The Old Timers II, now in third, could only come up with three. The Dyno-Mites took eight while the Trouble Shooters took eight from the Designers. The Blue Jays were frozen out for eleven by the Freon Loaders.

Purple & White League

The Flounders remain in first with the Pen Mac's in second and the Good Times and Portsiders +1 tied for third.

High games and series for the men were rolled by Ed Spery 222/179/194-595 and for the ladies Caryl MacDougall 203/170/187-560. Other good games were Ken Riker 203/201-571 series, Jere Austin 175/190/179-544 series, Bob Jones 200/192, Carl Murray 211, Jeanne Penoyar 197, Nancy Erickson 186, Sharon Smith 177/174, Pat Manzella 170/166/157-493 series.

Gold League

The Swingers are in first by 17 points. High rollers for the evening were Marsha Kipperman 189, Dot Marelli 168, Kay Conkling 164, Marie Cooney 162 and Marie Susa 162 who also converted the 5-10 split.

Live, At The Brookhaven Center



Will Darth Vader have his way with Princess Leia? Will handsome Luke Skywalker and daring Hans Solo get there in time? Find the answers to these and other mysteries tonight at 8 p.m. when the Theatre Group presents "The Force and I," a "Star Wars" spoof. The production will be in the North Room of the Brookhaven Center. All are welcome to this free presentation.

Volleyball

Mixed League

Division A

On December 4, No Names swept the Popovers: 15-3, 15-5, 15-2. Lookin's Good looked good over Family Affair, 15-8, 7-15, 15-10 and Nuclods beat Nuts & Bolts: 14-16, 15-13, 15-8. Oceanography took all three games from the Diamonds: 15-1, 15-1, 15-6.

Standings	
Oceanography	18- 0
No Names	13- 5
Nuclods	11- 7
Diamonds	7-11
Family Affair	7-11
Lookin' Good	7-11
Nuts & Bolts	7-11
Popovers	2-16

Division B

Medical shone over the Nads: 15-10, 15-11, 11-15. LeMufs beat the Wisas: 9-15, 16-14, 15-5. Balls & Strikes over

Leftovers: 12-15, 15-7, 15-2.

Standings

Beginning of 2nd Quarter	
Balls & Strikes	2- 1
LeMufs	2- 1
Medical	2- 1
Leftovers	1- 2
Nads	1- 2
Wisas	1- 2

Employees' League

On December 6, the Bumps took all three games from Cool Tools: 21-2, 21-12, 21-13. Spikers shone over Phoenix: 21-16, 13-21, 21-2. Toga swept Atom Spikers: 21-19, 21-15, 21-16. On November 22, (make-up match) the Spikers over Bumps: 21-9, 21-15, 17-21.

Standings			
Spikers	13	2	.867
Bumps	14	4	.778
Toga	10	8	.556
Phoenix	7	11	.389
Atom Spikers	5	13	.278
Cool Tools	2	13	.133

Golf Champs



Exhibiting the form which put them at the top of BERA team league golfing are Joseph Mayeski (left), Accelerator, and his partner, Thomas Iarocci (center), Plant Engineering. Following through is Robert Mills (right), of S&EP who won the individual championship tournament. The league championships and individual tournament held in October mark the close of BERA golfing which ran from May through September. Each of the three winning golfers was awarded a dozen golf balls.

—photo by Reben

Classified Advertisements

Placement Notices

The Laboratory's placement policy is to select the best-qualified candidate for an available position, with consideration given to candidates in the following order of priority: (1) present employees within the department, with preference to those within the immediate work group; (2) present employees within the Laboratory as a whole; and (3) outside applicants.

Each week, the Personnel Office lists new personnel placement requisitions. The purpose of these listings is, first, to provide open placement information on all nonscientific staff positions; second, to give employees an opportunity to request consideration for themselves through Personnel; and, finally, for general recruiting purposes. Because of the priority preference policy stated above, each listing does not necessarily represent an opportunity for all candidates. As a guide to readers, the listings are grouped according to the anticipated area of recruitment, as indicated below. Except when operational needs require otherwise, positions will remain open for one week following publication date.

For further information regarding a placement listing, contact the Personnel Placement Supervisor, Ext. 2882.

LABORATORY RECRUITMENT: Opportunity for present Laboratory employees.

347. SECRETARY (two positions) - AAS or equivalent capabilities in secretarial science with demonstrated ability to take shorthand and prepare typewritten purchase orders and contracts. Requires excellent typing skills, filing and record-keeping ability. Contracts and Procurement Division.

848. STEAMFITTER A (Group Leader) - Plant Engineering Division.

849. RIGGER'S ASSISTANT (four positions) - Plant Engineering Division.

850. DRIVER (four positions) - Plant Engineering Division.

851. LABORER (three positions) - Plant Engineering Division.

852 GENERAL CLERK - Supply and Materiel Div.

OPEN RECRUITMENT: Opportunity for present Laboratory employees and outside applicants.

853. SAFETY HAZARDS ENGINEER - Requires a BS in Safety Engineering or its equivalent capabilities and professional background in construction, safety and other industrial safety programs. The duties will include coordination of construction safety, assisting in safety reviews and drafting of safety standards. Safety and Environmental Protection Division.

854. MEDICAL ASSOCIATE - BS in Physics, Biology or Bioengineering or equivalent experience in complex instrumentation design and implementation. Requires additional ability to handle data for computer analysis for NIH-sponsored study of the relationship between diet, cancer, and nutrition. Medical Dept.

855. ELECTRONICS TECHNICIAN - Requires AAS in Electronics Technology or its equivalent capabilities and a good background in pulse circuits, analog and digital controls and high voltage and/or high current power supplies. Should be skilled in troubleshooting heavy electronic power supplies and associated controls. Accelerator Department.

856. RESEARCH SERVICES ASSISTANT - Requires manual dexterity, legible handwriting, and ability to learn laboratory procedures. To assist geologist in preparation of soil samples. Temporary (six month) position. Physics Department.

857. OFFICE SERVICES ASSISTANT - Requires excellent computational skill or aptitude. Solid payroll experience with large organization highly desirable. Fiscal Division.

858. PATROL OFFICER (two positions) - AAS in police science/criminal justice or equivalent capabilities. Familiarity with the operation of a security department. Excellent written and oral communications skills required. Must be willing to work shifts. Safety and Environmental Protection Division.

Autos & Auto Supplies

VOLVO WHEELS - 71-72 Vintage, 2/\$35; 72 shop manual; snow tires, Michelin X steelbelted, new, 165SR15, 2/\$100. Also, used 165-15 Goodyear Suburbanites, 2/\$10. Ext. 4727.

69 CHEVY - 2 speed, a/t, all new seals, and filter, bands adjusted, best offer. John, Ext. 2021.

TRAILER HITCH - for VW. \$14. Transmission for Mercedes, 1960-190B. \$90. Bob, Ext. 4637.

69 VW SQUAREBACK - clean inside, some rust, runs great. 32 mpg. \$575. Bill, Ext. 2292 or 286-0243.

73 COUGAR - a/c, p/s, p/b, AM/FM radio, brown. \$2000. 286-8356.

71 VW SUPERBEETLE - all new parts, excel running cond, new tires. \$1000. Ext. 2876.

70 DODGE DART - slant six rebuilt engine and tranny, good shape, r, h, p/s, good tires. \$500. Chris, Ext. 4612 or 281-7379.

74 AUDI FOX - 76,000 mi, new valves, rings, rod-bearings, excel cond. \$1700 or nearest offer. Dennis, Ext. 4382 or 3178 eves.

TIRE - 7:50-14 w/rim, \$10; E-70-14; E-78-14; D78-14; \$3-\$8 good for spares. Rich, Ext. 4172.

TIRES - (1) HR78-14 steel belted radial, \$10; (1) HR78-14 Uniroyal snow, steel belted radial; (1) Philco in-dash AM pushbutton radio, \$15. Chris, Ext. 3919 or 929-4310 eves.

69 CHEVROLET IMPALA - 4 dr, turbo hydromatic shift. Good mech cond. \$550. 325-1961.

67 CHEVY - new brakes, muffler, tires. \$200. Bud, Ext. 7733.

12-380-78

TIRES - used G78-14 w/w belted snow, \$6; 7.75-14 Goodyear poly-cord w/w, \$5; (2) L78-15 w/w belted radials, \$18/pair. Jim, Ext. 4040 or 289-0876.

69 CHEVY CAMARO - Z28, Stock 302, Hurst Lake-wood blastshield, Doug sidemount headers, t/a's new paint. 744-3968.

71 TRIUMPH - new top, new clutch, front end work, new exhaust, needs some body work. \$1000. 587-4902 eves.

SNOW TIRES - (2) C78-13, new, \$50; (5) B78-13 tires, \$75; Ford Falcon rims, \$5 ea; some Chevy, VW parts. Must sell. 744-3968.

RIMS - (2) 14" 5-hole wheel rims, new, \$12; (4) 14" hub caps, like new, \$6. Ext. 4701 or 271-2877.

73 BUICK CENTURION - h-top, 2 dr, p/s, p/disc radials, radial snows, a/c tinted glass. 40/60, 6-way seat, CB, no bruises. \$2000. 588-4987.

66 OLDS 98 - luxury sedan, excel running cond, very reliable, clean, minor cosmetics, 87,000 mi. \$450. Bob, Ext. 3780.

CADILLAC RIMS - (2) for snows, \$15/pair, Panasonic FM stereo deck, cost \$160, will sell \$50. Joe Bush, Ext. 3284.

SNOW TIRES - (2) w/rims, 800x14. \$10 each. Bob, 744-8680.

73 COUGAR - p/s, p/b, a/c, AM/FM radio, 351 engine, 8 cyl. \$2100. 286-8356 eves.

64 DODGE DART GT - 6 cyl, p/s, p/b, s/t, good tires, running cond. \$100. Bill Michalovski, Ext. 4173 or 929-3029.

74 VEGA HATCHBACK - new battery & tires, a/t, runs well, 28 mpg. \$750. Dave, Ext. 3365 or 324-5589.

78 BRONCO - 4 wd, a/t, p/s, p/b, 6 seats, removable top, hd, hitch, rear-mounted spare, reg gas. \$7950. Ext. 4451.

76 BUICK LESABRE - custom h/t sedan, excel cond, fully equipped, orig owner. \$3495. R. Feindt, Ext. 4452.

75 CHEVROLET CAPRICE - classic, 4 dr, new radial ply tires, V-8, a/c, p/s, p/b, fully loaded. \$3000. John 924-4262.

70 VW BUG - needs tune up, body work; good tires w/2 extra & wheels. \$200. Dick, 928-1121 eves.

70 FORD LTD - Station wagon, p/s, p/b, a/c, roof-rack, new disc brakes, muffler, rec tune up. \$875. 286-8827.

74 COMET - 2 dr, 6 cyl, p/s, a/t, Michelin radials, very econ, excel cond. \$2250. 283-6338 eves.

MAG WHEELS - 2-appliance deep dish, 7"x14". \$50. Ext. 4672.

74 FIAT - 128 wagon, 4 spd, 45,000 mi, good cond. Asking \$1000 negot. Dick, Ext. 4339 or 654-2591.

69 GMC TRUCK - 14' alum van body, 2 side doors, roll-up rear, 10,000 mi on rebuilt engine. \$1500 firm. John, Ext. 2021.

SNOW TIRES - Semperit 165SR13 tubeless. \$30/pair. Mike, Ext. 2575.

72 FORD STATION WAGON - p/s, p/b, snow tires, 351 engine, rt dr is dented. Les, Ext. 4074.

RADIAL TIRES - (2) BR78-13 blackwall, almost new. \$30 each. Frank Rumph, Ext. 4581, 588-3565.

76 CHEVY VAN - C-20, std, bubble windows, roof vent, blue, excel cond. Asking \$3900. Doreen, Ext. 2466.

76 CAPRI - 2-8, 6 cyl, 4 spd, AM/FM, 8 track stereo, excel cond, garaged. 752-9113 or 757-8559 eves.

73 BUICK CENTURY - 4 dr. \$1400. Kunio, Ext. 4139 or 3011.

68 BUICK - V-8, a/t, p/s, runs well, depend trans. \$250 firm. Steve, Ext. 3100.

69 CHEVELLE - 2 dr, 309 cu. in., 6 cyl, economical 19 mpg, 75,000 mi. Asking \$475. Ext. 2919 or 286-0985 after 6.

Boats & Marine Supplies

DEPTH RECORDER - Raytheon DE-119 for marine surveying, needs transducer. \$60. Ext. 4058 or 286-0436.

GARVEY - 16' w/cabin, 40 hp Evinrude. 475-3415 eves.

75 MERC - 150 hp outboard, new lower unit, 8 hrs on rebuilt powerhead. \$1000. 587-4902 eves.

Miscellaneous

CHRISTMAS TREES - blue, green spruce. Cut or dug and balled on premises. Pick out your own. Jim, 286-0024 or 289-0876.

GARAGE SALE - new appl, used furniture, Christmas gifts, Dec. 16 & 27, 10 a.m. to 4 p.m., 27 Northern Blvd, Shirley, off Wm. Floyd, just south of tracks.

MICROSCOPE - Tasco, 75 to 600 power w/wood carrying case, new condition. \$25. 727-3608.

RECLINER - lounge, green, good cond. Super-8 movie editor. Sal, Ext. 2460 or 744-9822.

CANVASSES - for artists, 5x7, pk of 3/60¢; bowling ball, approx 15 lbs, \$4 & \$6; camping stove, \$7. Sue, Ext. 4207.

HAND EMBROIDERED - patchwork pillows. Nice Christmas, baby gifts. Ext. 3388.

SURF POLE - 9' Diawia rod & reel w/monofilament cord, \$40; baby carrier seat, \$3. 475-0144 eves.

TV - GE color, floor model, 25", \$125. John Schirmer, Ext. 4851.

RECLINER - lounge, green, gd. cond.; super 8 movie editor. Sal, Ext. 2460 or 744-9822.

LIVING ROOM SET - 7 piece matching Herculon fabric. 3 cushion couch, 2 cushion couch, armchair / ottoman, hexagon end table, square end table, coffee table. \$800. Joe, Ext. 4204, 588-3146.

TV - Color, 20" RCA console, excel cabinet, needs transformer, \$35. GR5-8658 eves.

SKI BOOTS - Nordica mens' size 8-9, like new cond., asking \$70. Roger, 924-4767.

SNOW BLOWER - 17" power drive w/clutch. Excel cond, \$125. GR5-0831.

WINTER COAT - black borgana, grey collar/cuffs, size 16, new, \$75. J. Weber, Ext. 2003 or 472-0086.

BASSINET - White w/wicker inserts, J.C. Penny, \$25. Chris, Ext. 4612 or 281-7379.

BUFFET - Danish modern, 5' long, 36" wide, walnut wood, \$175; china closet, Danish modern, beveled glass doors, walnut, \$150. Ext. 4532 or 277-4091.

DOLL'S CARRIAGE - English, blue and red, excel cond, \$30. Sharon, 744-5079.

STORM WINDOWS - Custom made, fit Strathmore bay windows, 4 each, 20½"x59"; 2 each, 36½"x59". New. \$175. Bob, Ext. 4592 or 928-9359 eves.

WATCHES - Bulova Accutron, Mens regular \$185-200, \$75; womens, regular \$125-140, \$50-55. New, guaranteed. Bob, Ext. 2060 or 234-2695.

PIANO - Beautiful Wurlitzer console w/velvet covered bench, walnut finish, excel cond. Asking \$1100. Linda, 273-0911.

SNOW TIRES - (2) used D78-14 Goodyear. From a Duster. Herb, Ext. 3611.

SCHOOL DESKS - (2) formica tops, \$5 each; twin bedspread, canopy cover, sham, white, \$10; ice skates, sizes 2, 3, 4, \$4 each; Flexing exerciser, \$7; girls bike, 20", \$5. 475-2998.

BASS GUITAR - Univox, great sound in mint cond. w/ case, extras. \$200, flexible. 475-1844 after 6.

AIR CONDITIONER - 9000 BTU, 117 AC, \$100. Ext. 4597.

TWIN BEDS - free. 744-5096 eves.

LADIES 26" BIKE - \$10; Rek-O-Kit turntable, Grado tone arm, wooden, beautiful. Best offer. Ext. 4581 or 473-2297.

WINTER COAT - Persian lamb look, w/genuine Norwegian mink collar, size 14. Reasonable. Kristine, 281-7873.

ORANGES, GRAPEFRUIT - directly from FL, pick up on-site after 12/27. ¼ bushel oranges, \$8, grapefruit, \$7. John or Matt, Ext. 4089.

CHILD'S WAGON - hardwood body, steel chassis, converts to coaster wagon, \$12; headboards, maple, twin size, wrought iron, double, \$15 each. 744-5866.

AM/FM STEREO - digital clock radio, brand new w/ snooze, sleep features, wood grain cabinet. Sells for \$70. Make offer. Dalal, Ext. 7790.

DINING ROOM - table and chairs, asking \$150; TV, 25" solid wood color, asking \$200. Ext. 2456.

LEROY LETTERING SET - pens for lead, ink, scribe, ink, in wood case, \$35; Kodak Ektron II electronic flash for trimlite instamatic, \$20. Kathi, Ext. 2913.

DRILL PRESS - Craftsman table model w/motor, shaper w/motor. \$150 each or \$275 for both. Julie, Ext. 2942 or 929-6460.

PRO-CURLER - \$1; Rexair vacuum cleaner, dirt collects in water, \$10; transistor radio, \$2; water purifier, brand new, \$25; green drapes; large spaghetti/lobster/clam pot, \$2. Claire, Ext. 3655 or 281-2002.

HEARING AID - practically new. \$50. 475-0227.

FREEZER - 74 Amana, frost free, 12 cu ft., \$200. Ray, Ext. 4479.

TV - B&W, 19", \$20; bicycle, children's 20", \$15; bicycle, plastic w/supporting wheels, \$5. Ext. 4382.

TREE - Christmas, artificial, 7', \$12; campstove, \$7; chaise lounge, green webbing, \$5. Sue, Ext. 4207.

BIKE - men's Sony, 10 spd, \$70; child's bike seat, new, \$12; toddler play yard fence, \$10. 475-0144 eves.

LOWA BOOTS - mt. climbing boots, like new, size 10M. Asking \$50. Tom, Ext. 3535.

BICYCLE - 10 spd Royce Union, excel, \$85; projector 8 and Super 8, Bell and Howell, \$75. Bob Cook, Ext. 4592 or 928-9359 eves.

MATTRESS - full size & box spring, \$25. Ext. 2386 or 924-3072 eves.

GUITAR - Goya, model F-11 w/case. S. Cohn, Ext. 3591 or 265-0501.

BOOTS - children's, for rain, snow, like new. Child's play car w/pedals, steering wheel, gd cond, \$15, best offer. S. Spark, Ext. 4111.

PANASONIC - 19" B&W portable TV, \$65; RCA maple console 23" B&W as is, \$30, swivel rocker, \$20. 325-1961.

BIKES - 2 new Eurotour, men's single spd. \$60 ea. Chris, 727-0092 eves.

OLD SLEIGH BELLS - 25 brass bells on leather strap. \$35. 727-1617.

GIRL'S BEDROOM SET - br yellow/wh painted w/wicker headboard, \$75; hobby horse, \$15; child's round wh table, \$15. Jack, Ext. 7942 or 864-2236.

SKIS - Northland wood, 182 cms, bindings, pole, boot carrier. \$30. Figure skates, Canadian leather, 6½-7. \$10. Ext. 4742.

DOLL'S HOUSE - Scandanavian, excel cond, furn incl, \$35. Sharon, 744-5079.

MAGNAVOX - console stereo, radio/record player, walnut finish. Phono needs work, otherwise excel cond. \$100 negot. Ext. 3069.

SKIS & BOOT - all sizes from child to adult. 7 prs boot, 5 prs skis, w/ or w/o bindings. Sue, Ext. 2913.

PLANT HANGERS - handcrafted wool plant hangers made in colors of your choice. \$3.50 ea. 475-7716.

BABY CHANGER - like new, white wicker, navy/wh printed cover. \$12. Joan, 589-5798.

JET PUMP - ½hp heavy duty, new. 40 gal tank, full controls. \$150. GR5-0831.

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.

GAS DRYER - Kenmore, excel cond, \$85; aluminum screens, 32x50 (6), 32x42 (6), 32x38 (1), 24x38 (3), \$60 takes oil; wall mount bathroom sink, beige, china, \$25. Ed, Ext. 2007 or 751-1474.

BEDROOM SET - complete, fruitwood, double bed, triple dresser, 2 night tables, man's chest, box spring and mattress. \$100 takes all. John, 924-4262.

FREE PUPPIES - German Shepherd mix, healthy, playful, 7 wks old. Will hold for Christmas. Ext. 3083, 878-2239, Phil.

KENMORE - washer, good working cond, \$35; exercise belt mach, \$25; Philco stereo, \$40; 2 dressers, \$15, \$25. Steve, Ext. 4605.

COFFEE TABLE - small, glass over wood, \$40; end tables (2), small, \$40 pair; Macy's sewing mach, 25 yrs old. Bruce, Ext. 2902.

PIONEER SX-450 - receiver 15 watts per channel, Pioneer, PL-112D turntable w/Shure cartridge, both very good cond. \$200 for both. Ext. 3343.

COUCH - gold Colonial, FC, \$25; portable apt wring washer, \$10; beige brocade rug, 9x12, \$25. 751-2867.

AMPLIFIERS - (2) matching Monoraul PA amps, 25 watts, Bogen tube style. J. Bennett, Ext. 4129.

REFRIGERATORS - (2) w/freezer compart, working cond, lg, paint/finish poor. \$25 each. Ext. 4401 or 286-1832.

CRAFTSMAN - shaper w/motor. \$50. Julie, Ext. 2942 or 929-6460 eves.

RCA COLOR TV - Console, 19" screen, \$50; '77 Solex Moped, #4600. \$250. Joyce, 475-5749 eves.

HONEYWELL PROPORTIONAL CONTROLLER - \$25; lawnmower wind-up starter, \$8. Ext. 4058 or 286-0436.

YORKSHIRE TERRIERS - (2) Toy, females, avail 1/79. \$175 each. Ext. 4060.

GENERATOR - Pioneer, 2000 watt, h/d, B&S engine. \$90. 286-2565 eves.

RIFLES - (2) Ruger .44 mag, auto rifle w/4X scope, \$100; M1-carbine .30 cal custom Mannlicher Stock w/2½ scope, \$100. E. Liguori, 289-8155.

SAMOYED PUPPIES - top bloodlines, champion sired, show & pet quality. Ready for Christmas. 698-0426.

FREE - Great Dane, spayed femcle, well behaved. Steve, Ext. 3054 or 929-4607.

FIREWOOD - 4'x8'x18" logs, \$50; 4'x16'x18" logs, \$90. Delivered. 924-3919 or 924-4284 eves.

EVERGREEN - fir, spruce trees, 20"-40" tall, hardy, easy to dig. You dig. 2/\$7. 727-1617.

OIL BURNER - (Heil) pump at r side, bankers rug, gold, 10'x18'6". Vinnie, Ext. 2951.

BUFFET - Danish mod, 5' l x 36" w, walnut wood, good cond, \$175; china closet, dan mod, beveled glass doors, walnut wood, good cond, \$150. Ext. 4532 or 277-4091.

PICTURE WINDOW - (1) 8'x4' Rusco prime w/screens. \$50. 589-0643.

OPTIGON ORGAN - excel cond, Med cab & bench. \$225. Ext. 7752 or 289-5428.

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

N. PATCHOGUE - 7 rm, 4 br cape, 1 acre, fp, sun porch, indoor rock garden/waterfall, 2 car garage, pool, walk to school, shopping, mid 50's. 286-1285.

BROOKHAVEN HAMLET - 3 bdrm ranch, att gar, x-lg fin bsmt, bar, 2 f/p, screened porch, new appl, beautifully landscaped 0.83 acre near Bay. 212-831-6157.

MASTIC BEACH - long-line ranch, 2 lg bdrms, cabinet-lined kit, formal dr, den, full bsmt, basebrd heat, ¼ acre. \$27,995. 281-5498.

BELLPORT - 3 bdrm, 1 bath, ranch, lr w/fp, den w/fp, oil hot-water heat, assumable 8¼% VA mort. \$42,500. 286-3709.

ROCKY POINT - Contemporary ranch, 4 bdrm, 3 baths, eik, dr, 2 car gar, den w/fp, carpeting, bsmt, winter water view, ½ acre, low taxes. \$60,000 negotiable. 744-7532.

TOWN OF LIVINGSTON - Columbia Co, 1.6 acres, corner lot, treed, will finance. \$4,500. Jimmy, 914-969-5619 or Ext. 4662.

SHOREHAM - possible m/d, lr, dr, eik, 3 bdrms, 18x20 deck, 30x30 sunken patio, 1 acre, assumable 7½% mort. \$55,000. 744-7370.

E MORICHES - ½ acre, 3 bdrm ranch, 1 ½ baths, lr, dr, kit, full bsmt, att gar, fenced backyard. 878-9192 after 5 p.m.

BROOKHAVEN HAMLET - 3 bdrm ranch, cedar shakes, 2 baths, den w/fp, bsmt, 2 car gar. 286-1981 after 6 p.m.

CENTEREACH - lg 4 bdrm Col, 2 yrs old, cathedral ceiling, 2 car gar, 1 block to school relocation, sacrifice \$38,990. 698-5475 after 6 p.m.

CENTER MORICHES - 4 bdrm, 1 ½ baths, sunken lr, f/p, att gar, near water. \$43,500. 878-2196.

SHIRLEY - moving out of state, must sell, 3 bdrm sprawling ranch, lr, formal dr, den w/fp, fin bsmt possible m/d. ½ acre, appl. \$31,000. Karen, Ext. 3689, 281-8016 eves.

ST JAMES - Head of the Harbor custom farm, 1 mi from priv beach, 6 bdrms, 5 baths, 3 f/p, on 2 heavily wooded acres, variance for horses. 584-6058, 981-1327.

For Rent

RONKONKOMA - 4 bdrm house w/barn & gar, 1 acre. \$400/mo + util. 265-8827.

ATHENS, GREECE - penthouse, ultramodern, furn, will rent weekly or monthly. Jimmy, 914-969-5619.

BELLPORT - 3 bdrm, f/p, waterview, avail Jan 15. \$300/mo + util. Ext. 3482.

SAYVILLE - lg studio, cross ventilation. \$240/mo., gas, heat incl. Cleveland, Ext. 4483.

RIDGE - Townhouse, 2 bdrm ranch, central a/c, w/w, 4 appl. 924-6237.

STRATHMORE EAST - 1 bdrm, lr, furn, w/w, a/c, f/p, sunroof, patio, priv ent, no pets, single person only. \$250/mo incl util. 928-8071.

VERMONT CAPE - fully equipped, f/p, 3 bdrms, 2 baths, gar, ski x-country or downhill. 732-6499 after 5:30 p.m.

MT SINAI - 1 rm furn efficiency apt, priv ent, female preferred, min 6 mo rental. 331-2779.

Wanted

SLIDE TRAYS - rectangular for Argus projector. R. Brown, Ext. 2260 or 286-1214.

TRAINS - Lionel, any 'O' gauge or '027' gauge, cars, track and equipment. Frank, Ext. 4212.

LADY - wearing size 4M shoe. P. Oster, Ext. 4763.

VW BUG FRONT SEATS - to fit '63-VW, also side mount VW radio antenna. Fred Kuehl, Ext. 4823 or 588-2268.

HOME - for friendly Guinea pig family. John, Ext. 3675 or 924-3528.

TIRES - (2) or (4) G78-15 w/out rims, no snow. Tim, Ext. 2528.

SHOP MANUAL - for '71 Skylark. Ed Pluto, Ext. 2957.

SHORTHAND - dictation tapes, 50, 60, 70 and 80 words per minute. June, Ext. 4756.

2 RIMS - for '71 Pinto wagon or rims plus BR70-13 snows. Kathi, Ext. 2913.

AMATEUR RADIO - slow scan TV adapter, Robot model 400. 935-2993.

PIANO - upright in usable cond, approx \$200 limit. Ext. 4082 or 878-1790.

HOME - for multicolored female kitten. Alma, 281-7547.

P/T SUB TEACHER - needs reliable woman to care for 1½ yr old twin girls, my home Middle Island. 924-6133.

AUTO SHOP MANUALS - 72 Pinto, 69 Chevy Nova. Ext. 4640.

SNOW TIRES - 1 pr G-H 14" and G-H 15" in good cond. Ext. 2228 or 281-8977 eves.

WETSUIT - material or old suit to repair mine. Jerry, Ext. 2934 or 744-2816.

DIESEL CAR OWNERS - who would like to see diesel pump at Lab service station. Bernie, Jerry, Ext. 2924.

MUSICAL TAX DEDUCTION - Bellport group seeks used, sound/repairable insts for school use. Donation of insts tax ded. Stewart, 286-9616.

SNOW TIRES - (2), used, E14". John, Ext. 2070 or 283-0223.

HOME - for Beagle, good watchdog, housebroken, likes children. Walt Palais, Ext. 2913.

FOLDING BED - Marjorie, Ext. 3396.

SNOW TIRES - (2) G78-14. Tony, Ext. 2920 or 751-3014.

2 KING TUT TICKETS - any date. Ext. 7752, 744-4047.

Car Pools

SMITHTOWN - Kings Park, want to join or start pool. Ext. 3268.

NORTHPORT - would like to start or join car pool. Larry, Ext. 7979.

BLUE POINT OR W. PATCHOGUE AREA - fifth driver needed. G. Strickland, Ext. 4091.

RIDE - needed to and from Lab from Selden. 473-7303 eves.

QUEENS-NASSAU - 5th member wanted to meet LIE exit 25 (Queens) or exit 36 (Nassau). R. Horwitz, Ext. 4134.

Lost &