BROOKHAVEN BULLETIN
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BROOKHAVEN NATIONAL LABORATORY

New Committee Undertakes To Lower Overhead

To make recommendations to increase the effectiveness of the Lab's expenditures for goods and services that are not directly related to BNL's scientific mission, a Cost Control Committee was recently established by Laboratory Director Nicholas Samios.

"Budgets are tight and will continue to be so as far as we can see into the future, so the Lab is looking to become as cost-efficient as possible," says Samios. "Therefore, this committee will perform a cost-control review of every indirect function in a more formal and detailed manner than done before, with its eye on increasing the effective use of our overhead and research dollars."

Adds Samios, "In carrying out the recommendations of the committee, the Lab will not only be able to conduct its business more efficiently, but we will also be able to do our business — science — better."

The nonscientific departments, divisions and offices at the Lab receive funds for their personnel and equipment either through overhead, which is a percentage charged against incoming research funds, or by directly charging for their services. In addition, overhead is also used to pay for the environmental, safety and health mandates of the U.S. Department of Energy.

Chaired by Derek Lowenstein, who is also Chairman of the Alternating Gradient Synchrotron Department, this seven-person, permanent committee will hold its organizational meeting on August 20, when it will decide where to begin in its systematic review of the nonscientific departments and divisions.

"While the scientific divisions and departments are regularly subject to cost reviews by different committees, there has never been a formal, detailed cost review of the nonprogrammatic functions," explains Lowenstein. "So our job will be to fact find, to find out what we are doing where, to decide what is nice to do versus what is essential, and to decide how to do what needs to be done in the most cost-effective way."

The committee will examine three to four of the Lab's nonprogrammatic departments, divisions and offices per year. Comments Lowenstein, "At our first meeting, we'll have to decide where to begin, and I'm sure that the first area that we select will be where we can have the largest impact. Eventually, though, we will get around to reviewing everyone, including the overhead areas, such as administration, within the scientific departments and divisions."

Besides Lowenstein, Cost Control Committee members include: Norman Sutin, Chairman of the Chemistry Department; D. Peter Siddons National Synchrotron Light Source, representing the BNL Council; and Barney McAlary, BNL's Business Manager, representing a support division. In addition, there are three representatives at large: Mark Sakitt, BNL's Assistant Director for Policy & Planning; Robert Bari, Deputy Chairman of the Department of Nuclear Energy; and Deborah Maresca, Medical Department Administrative Manager.

The Associate Director for Administration, Hank Grahn, and the Chief Internal Auditor of Associated Universities, Inc., Frank Federmann, are ex officio members, who may not vote with the committee. — Marsha Belford

National Weather Service Chooses BNL as Home For New Forecast Office, Radar

Hurricane? Snow storm? The perfect spring day? If it's in the forecast after the summer of 1993, people at Brookhaven are likely to be the first to know.

Actually, those people will be the staff at the new National Weather Service (NWS) Weather Forecast Office that NWS is about to begin building on the Lab site. Negotiations between NWS, the U.S. Department of Energy (DOE) and BNL concluded last Friday, July 24, with the signing of a memorandum of understanding — allowing construction to proceed on the north side of Brookhaven Avenue, somewhat east of the Recreation Park.

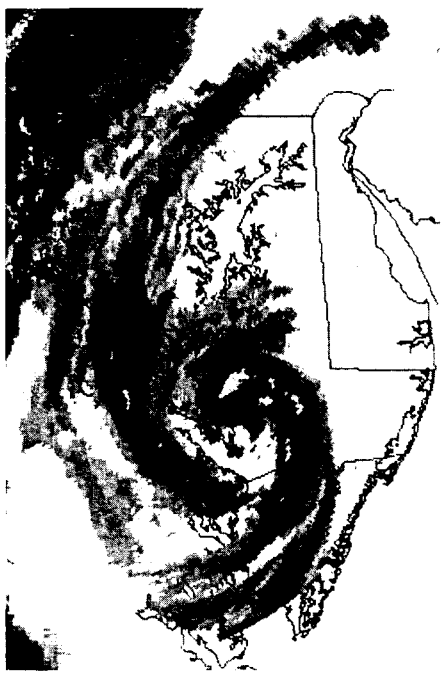
The new facilities at BNL will be part of NWS's modernization and restructuring effort, encompassing a national network of 114 similar offices designed to bring the NWS into the 21st century with advanced technology, highly trained personnel and a commitment to quality weather information.

At the heart of this plan is an array of new technologies, including the WSR-88D, a high-tech Doppler weather radar unit that is already impressing scientists and meteorologists with the quality of weather information that it can provide.

This type of unit is up and running in three other locations around the country. In Sterling, Virginia, it can pinpoint the arrival of storms over the nation's Capital. A unit in Norman, Oklahoma, has, for the first time in history, provided tornado warnings up to a half hour before a twister even touched down. And a new radar in Melbourne, Florida, has provided an unprecedented 40 minutes of lead time for a severe thunder and hailstorm.

Like these other units, the new weather radar located at Brookhaven will help protect life and property, and enhance the credibility of NWS reports. In addition, said BNL Deputy Director Martin Blume, "BNL's weather research efforts will benefit from the capabilities the new systems will bring, so we are pleased that the Weather Service has selected the Lab for its modernized weather operations."

"BNL is an ideal location for our modernized facilities in that it will enable collaborative research between the Lab and the Weather Service as a complement to studies such as BNL's atmospheric research program," concurred Susan Zevin, Director of the NWS's Eastern Region. "With modernized equipment and an improved understanding of weather phenomena, we can provide severe storm forecasts and warning with better accuracy and lead time than ever before."



Last January 4, a severe coastal storm struck the Washington, D.C., area, gaining infamy as it washed out a Redskins football game. The weather radar unit in Sterling, Virginia, generated a color image of the winter storm, but even in this black and white reproduction, its hurricane-like characteristics — a spiral shape and an eye — are clearly visible.

In addition to the Weather Forecast Office and Doppler radar, NWS also plans to construct an Upper-Air Monitoring Facility at the Lab. The new systems will serve residents as well as agricultural, marine, tourism, aviation and other interests on Long Island, southeastern New York, and northern New Jersey.

At the new Weather Forecast Office, NWS will employ some two dozen meteorologists and other weather specialists, and can accommodate up to three additional researchers for collaborative positions. The project will cost some $4 million and is expected to pump $1 million into the local economy each year. At BNL, the Plant Engineering Division will be involved with the construction effort, helping with the design and implementation of essential services. — Anita Cohen

NEA Director General Visits BNL

Roger Stoutenburgh

The Nuclear Energy Agency (NEA) is a major component of the Organization for Economic Cooperation and Development, based in Paris. NEA Director General Kunihiho Uematsu (left) visited BNL on August 4, primarily to learn about the Lab's current activities and long-range plans for the use of accelerators for transmutation — converting one long-lived, radioactive element into a short-lived element.

Uematsu, who last visited Brookhaven 25 years ago, is shown here at the Medical Research Center, Bldg. 490, with two of his BNL hosts: Jeffrey Coderre (back), Medical Department, and Hiroshi Takahashi (right), Department of Nuclear Energy. Accompanying the Director General on his current visit were his wife, Setsuko Uematsu (second from left), who specializes in radiation genetics, and his daughter, Mari Uematsu, a Ph.D. candidate in nuclear engineering at a French university.

BWIS Seminar

Transporting Radioactive Materials

In January 1976, New York City (NYC) amended its health code, requiring a permit for each shipment of certain kinds of radioactive materials transported into or through the city. The practical effect of this was to ban shipments of high-level radioactive materials, including shipments of spent nuclear fuel from the research reactors at BNL, until the mid-1980s.

In 1991, the routing controversy that followed this action led to the U.S. Department of Transportation's (DOT) awarding a contract to ICF Incorporated to analyze the risks associated with various routes for shipping radioactive materials.

Deborah Shaver

Deborah Shaver, an ICF vice president, will talk about the resulting study in the next Brookhaven Women in Science (BWIS) Seminar. Her lecture on "Issues Surrounding the Transport of Radioactive Materials" will be held on Wednesday, August 12, at 3:30 p.m. in the Hamilton Seminar Room of the Chemistry Department, Bldg. 555, and will include a brief chronicle of the routing controversy and a

(continued on page 2)

Telephone Operators First to Occupy New CCD Wing

Press 0 for operator on your office touch-tone phone, and you'll still find BNL's lead telephone operator Grace Vestal and telephone operators Margaret Hendrick and Peggy von Achen. In their dulcet tones, they have been answering calls from off site to BNL's general information number, 282-2123, and on-site calls for operator assistance for the past 23, ten and five years, respectively.

But, if you are looking for them on site, you'll find that they have moved from Bldg. 179 to the newly completed east wing of BNL's Computing & Communications Division building.

By moving into its new headquarters in Bldg. 515 on Saturday, June 27, the Telephone Group and its supervisor, Nicholas Pisco, along with another of the three groups within CCD's Engineering & Telecommunications Section (ETS) headed by Ralph Trondle, became the first to occupy CCD's new, 9,000-square-foot addition.

Begun in January 1991, the $1.7-million wing was the first expansion of the 26-year-old building, resembles the original west side of Bldg. 515 and contains 6,300 square feet of usable space, all of which became occupied by August 1.

In addition to a telephone office, the new wing features other offices, electronics laboratories, CAD/CAM terminal rooms and a conference room, which will soon be equipped as a teleconferencing facility. With the gain of this additional, contiguous space, CCD groups relocating to this wing or taking over the vacated space in the old wing will finally be consolidated in one spot.

The ETS Telephone Group was joined by ETS's Data Communications Group, led by Michael Torres. Prior to this move, ETS had been scattered about the first floor of Bldg. 515 and its attached modular building, as well as Bldg. 179. The remaining group within this section, the Hardware Service Group under Edward Brosnan, has moved into the vacated modular building.

In addition, the User Workstation Group, supervised by Ted Daniels, of the Distributed Computing Section headed by George Rabinowitz is now found on the second floor of the east wing. They came from offices scattered around the second floor of Bldg. 515 and the first-floor wing connecting that building with the Physics Department, Bldg. 510. The latter space is being taken over by the Physics Department, for use by its staff working on detectors for BNL's Relativistic Heavy Ion Collider.

Team Safety Additions

In addition to the Staff Shops Team of the Central Shops Division (see Brookhaven Bulletin of May 8, 1992), three Plant Engineering Division teams within BNL's Team Safety Program were also among the first to complete an accident-free 12th quarter — and so their members were also among the first to win the $100 savings-bond bonus awarded to 12th quarter winners.

The Plant Engineering teams that were the first to go 12 twelve-week quarters without a workplace accident are: the Alarm Team, the Facilities Office Workers Team, and the Water & Sewage Team. To date, 30 of the 34 teams within the program have earned their $100 bonus for a 12th win.

Additionally, because none of their workers has suffered any occupational injury, these three teams plus the Staff Shops Team of the Central Shops Division and the Fire/Rescue Team of the Safety & Environmental Protection Division are the five teams that have not lost any work time due to an on-the-job accident since they enrolled in Team Safety.

Established in July 1988, Team Safety is an incentive program involving a group effort of workers, supervisors and managers to play it as safe as possible in the workplace. In addition to Central Shops, Plant Engineering and SEP, the program includes teams from the Safeguards & Security Division, Staff Services Division, and the Supply & Materiel Division.

The Facilities Office Workers Team, which earned one of the first 12th-win bonuses in the Team Safety Program: (from left) William Ruppert, Dollie Johnson, Claudia Iorio, Pauline Gagnon, Theresa Clark, Sarah Ebron. Absent: Arlene Benkenstein and Doris Johnston.

— Photos by Roger Stoutenburgh

The Alarm Team of 12th-quarter Team Safety winners includes: (from left) Robert Lapine, Raphel Jimenez, Norman Besemer, Robert Hoogsteden, Gregg Tomasello, Henry Dawson, Stephen Waski Jr. and Daniel Carneiro. Missing: Walter Annand and Stephen O'Kula.

The Water & Sewage Team, pictured following its 12th-quarter accomplishment in the Team Safety Program: (from left) Tony Ross, Stephen Barcelo, Philip Pizzo, Thomas Boucher, James Hanson, Christopher Hanley and Richard Lutz. Not present: Kenneth Johnson and John Kulesa III.

BWIS Seminar (cont'd)

discussion of DOT's routing risk-assessment methodology for selecting the safest highway route for shipment of spent nuclear fuel.

Shaver will explain that, even though BNL ultimately received approval to ship, the years of petitions, court challenges, appeals and rules did not put the issue to rest. Thus, DOT looked to ICF to assess the applicability and validity of prior routing analyses and to perform independent routing risk analyses to provide DOT with information on which to make its final determination regarding NYC's petition.

As Shaver will relate, the resulting ICF study was an interesting blending of detective work, reconstructing prior technical analyses, gathering new data and updating old information, and performing routing risk analyses.

Deborah Shaver earned her B.S. and M.S. degrees at Creighton University, in 1971 and 1973, respectively. A certified hazardous-materials manager, she has over 19 years of experience in overseeing the environmental and safety impacts of the management and transportation of hazardous materials and wastes. Shaver's work at ICF emphasizes hazards and risk assessment, environmental impact assessment, waste management, waste reduction and recycling, and environmental and regulatory issues.

Refreshments will precede the lecture. To join the speaker for dinner at a restaurant off site, call Louise Hanson, Ext. 7709.

Winner's Circle

Daniel Slatkin, a scientist in the Medical Department, was awarded $25 by the Employee Suggestion Program, for his concern for the safety of pedestrians crossing between Medical, Bldg. 490 and the parking lot across Bell Avenue. This resulted in the installation of signs warning drivers to "Stop for Pedestrians in Crosswalk."

In Memoriam

Retiree **Maxwell Small**, who had held key engineering and management positions during the construction of the Brookhaven Graphite Reactor (BGRR), Cosmotron, Alternating Gradient Synchrotron (AGS) and High Flux Beam Reactor (HFBR), and the 140-foot telescope at BNL's sister lab, the National Radio Astronomy Observatory (NRAO), died on July 1 at home in Bellport of congestive heart failure. He was 76.

With a 1940 bachelor's degree in naval architecture and marine engineering from the Massachusetts Institute of Technology, Small came to the Lab during its first year. Hired on October 20, 1947, he first served as an executive aide to the BGRR Project Engineer, handling the project's contracts. Before the project was completed, he was named BGRR Project Engineer.

After the reactor came on line in August 1950, Small served as the Administrative Assistant to the Chairman of the then newly formed Nuclear Engineering Department.

In May 1951, he joined the accelerator project of the day, managing the completion and commissioning of the Cosmotron. When it came on line in June 1952, Small became Assistant to the Director.

By December 1953, Small held two titles: Associate Chairman of the Accelerator Development Department and Construction Manager of the AGS Project. As such, he oversaw the procurement, business and management activities associated with the design and construction of the AGS.

In 1957, at the request of Associated Universities, Inc., Small headed the team negotiating the contract for the design and construction of the 140-foot-in-diameter radio telescope at the then new NRAO at Green Bank, West Virginia.

Upon his return to Brookhaven, Small first served as the Director's representative for administrative matters on the steering committee planning the construction of the HFBR, then was named HFBR Project Manager. In January 1961, he became BNL's Business Manager.

Small took a leave of absence from the Lab, to serve as Project Manager in charge of the redesign, contracting and construction of NRAO's 140-foot telescope, which was completed on time and within budget in 1965.

Returning to BNL in 1966, he was appointed Assistant to the Director for Architectural Planning, and, the following year, became Manager of the Plant Engineering & Planning Division (PEPD).

In 1971, he was named Manager of Projects in Waste & Water Mangement within PEPD, and then, in 1972, Special Projects Manager in the Department of Applied Science. As such, Small developed two projects, variations of a natural approach to sewage treatment that he called the meadow-marsh-pond system. He retired on September 30, 1978.

Maxwell Small is survived by his sons Peter Small of Concord, Massachusetts, and Christopher Small of Tulsa, Oklahoma, and four grandchildren. Contributions in his memory may be made to the South Country Library, Bellport.

Let's Dance

Cruise to nowhere and dance the night away on Long Island's largest floating dance floor.

From 10 p.m. to 1 a.m. on Saturday, August 15, the BNL Ballroom, Latin & Swing Dance Club invites all to join its members in dancing classic rock 'n' roll to a live band on the Fifties Moonlight Cruise of the Port Jefferson Ferry.

Since the club has a group of 20 already going, tickets are $12 per person, instead of the usual $15. The cruise is for those 21 and over, proper casual attire and proof of age required. On board, the Steamboat Lounge and food service are available.

Paid reservations for BNLers, their dance partners and friends are being taken through today, August 7, by Marsha Belford, Ext. 5053, Bldg. 134.

Softball

Standings as of July 31

League 1		League 3	
Blue Jays	10-2	Big Sticks	8-0
Phoubars	8-4	Surefire	7-3
Ravens	7-5	Quantums	6-3
Up & Atom	6-5	Bombers	5-4
Cool 'n' Gang	5-7	Doc Nuts	3-6
Magnuts	5-7	Medical	2-7
Revised Edition	4-8	Dangerous Curves	2-8
Six Pax	2-9		

League 4		League 5	
Personnelities	9-2	Good Timers	6-2
Sting Rays	9-2	What's on 2nd	8-3
Roustabouts	8-3	Molson Express	8-3
Snakebites	7-4	Ha Has	6-3
Simply Awesome	4-7	Lead Bottoms	2-6
Just 4 Fun	3-8	Snafu	2-8
Source	2-9	Jerry's Kids	1-8
Park Avenue	2-9		

League 2 - standings not available

Note to Employees:

Attendance at lectures, meetings and other special progams held during normal working hours is subject to supervisory concurrence.

Service Awards

The following employees celebrated BNL service anniversaries during the month of July 1992:

35 Years

George Dioguardo.....Sup. & Mat'l.

30 Years

Stephen W. Feldberg.....App. Science
Robert J. Liegel.....Physics
Edward Skrezec.....Staff Serv.
Richard J. Sutter.....Physics

25 Years

Robert J. McGonigle.....CCD
Peter M. McHugh.....Mgmt. Info. Sys.
Dennis J. Morgenthaler.....CCD
George W. Murdock.....AGS
John Skalyo.....Nuc. Energy

20 Years

Robert A. Bari.....Nuc. Energy
Theresa A. Clark.....Plant Eng.
James H. Clinton.....Nuc. Energy
Miguel Correa.....Sup. & Mat'l.
John J. Dunn.....Biology
Jack H. Gandrey.....AGS
Douglas W. Gillette.....Nuc. Energy
Krsto Prelec.....AGS
Merle J. Pringle.....Plant Eng.
Peter Soo.....Nuc. Energy

10 Years

W. Gary Adams.....Saf. & Env. Prot.
Biays S. Bowerman.....Nuc. Energy
John P. Orris.....Plant Eng.
Dinorah Silva.....Staff Serv.
Daniel P. Sullivan.....Accel. Dev.

BROOKHAVEN BULLETIN

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Celebrate BNL's 45th Anniversary!

Family Picnic

Saturday, September 19

The Fun Olympics at the BNL 45th Anniversary Family Picnic will feature crazy team sports for teams of adults of any age who enjoy competing in unusual games and races. To join in, fill out the accompanying form (the information will be used to balance the teams better), and send it to Liz Mogavero, Bldg. 510A, or Betty Pergan, Bldg. 179A. Space is limited, so don't delay.

In addition to the Fun Olympics, tickets to the picnic will include soda, beer, popcorn, ices, ice cream, cotton candy, parade, face painting, magic, D.J., dancing, games and races, softball, tennis, volleyball — and just sitting and relaxing.

Fun Olympics Entry Form

Name: _____ **Life/Guest No.:** _____

Department: _____ **Building:** _____

Please Check Appropriate Boxes

☐ Female ☐ Male ☐ Under 35 ☐ Over 35

The picnic is free for children under three and only $3 for everyone else. Bring your own food or buy hot dogs, hamburgers, etc. Tickets are now being sold first come, first served, at the BERA Sales Office at Berkner Hall, Ext. 3347; and by Michelle Cummings, Ext. 2077; Renée Flack, Ext. 3316; Liz Mogavero, Ext. 3940; Betty Pergan, Ext. 2937; and Rosalie Piccione, Ext. 3160.

Scoop of the Week

The first Scoop of the Week this summer is being awarded to Grace Vestal, Computing & Communications Division, for informing the Bulletin that CCD's new wing is now occupied.

Throughout the summer, Bulletin readers are invited to trade their hot tips for scoops of ice cream or frozen yogurt in the Scoop of the Week contest. To enter, rush your ideas for BNL news or features to the Brookhaven Bulletin, Bldg. 134, or call Ext. 5053. If you scoop the Bulletin's informed sources and a story based on your idea is published, then you'll win an official certificate, redeemable anytime at the Cafeteria.

Equipment Demo

The products of Omega Engineering, Inc., will be on display in Berkner Hall, on Thursday, August 13, from 10 a.m. to 2 p.m. Shown will be samples for temperature, data acquisition, flow and level, and pressure applications.

Reminder: AACC Annual Picnic

All are invited to attend the Afro-American Culture Club's (AACC) Annual Picnic on Saturday, August 15. Come to the gazebo on the BERA Recreation Field starting at noon and share in the refreshments, fun, games and music by E.T. Food will be served until 2 p.m; the picnnic will end at 6 p.m.

At $5 for adults and $3 for children 12 and under, tickets may be purchased from: Bob Brown, Ext. 3569; April Donegain, Ext. 2459; Bruce Penn, Ext. 7213; or Barbara Simpson, Ext. 3888.

Nursery School To Hold Bake Sale

The Upton Nursery School will hold a fund-raising bake sale on Wednesday, August 12, 11:30 a.m. to 1 p.m., in the lobby of Berkner Hall.

The school is a parent co-op for three- and four-year-old children and meets three mornings each week in the Recreation Building on site.

Openings for the upcoming school year still exist, and information about the school will be available at the bake sale. For more information, contact Susie Joyce, 929-5914.

Metropolitan Opera Ticket Sale

Family-circle tickets for certain performances of the 1992-93 Metropolitan Opera season will go on sale on Wednesday, September 2, at the BERA Sales Office in Berkner Hall.

The available subscription tickets and dates are listed below. Copies of this list are available at the Sales Office, weekdays from 9 a.m. to 2 p.m.

All tickets are $22 each. Employees may purchase as many pairs of tickets as they wish. All sales will be final — no refunds or exchanges.

Fri., Sept. 25	*Falstaff*
Fri., Oct. 16	*The Voyage*
Fri., Oct. 30	*Semiramide*
Fri., Dec. 18	*Lucia di Lammermoor*
Fri., Jan. 8	*Jenufa*
Sat., Jan. 9	*La Boheme*
Sat., Jan. 16	*Die Zaurberflote*
Sat., Feb. 13	*Il Travatore*
Sat., Mar. 6	*Cavalleria Rusticana, Pagliacci*
Sat., Apr. 3	*La Traviata*

Learn Russian At On-Site Course

If fifteen or more people sign up, the State University of New York at Stony Brook will offer a beginning undergraduate course in Russian at BNL this fall. The evening course is open to all those working on site and their dependents. As with other three-credit courses offered by Stony Brook, this course will cost about $300.

The Engineering Technology Division (ETD) of the Department of Nuclear Energy is organizing this course offering, and will forward the names of interested persons to Stony Brook. Anyone wishing to attend the course for credit or as a paying auditor should call Jerry Cadwell of ETD, Ext. 2934, before August 14.

Arrivals & Departures

Arrivals

Nicholas Contos.....Saf.& Env.Prot.
Maureen Dunn.....App. Science
Darrin M. Jenkins.....Chemistry
Hunguyan B. Liu.....Medical
John D. Sipley.....Biology
Alan L. Stange.....Physics
Daniel Weiss.....Accel. Dev.

Departures

This list includes all employees who have terminated from the Lab, including retirees:

Richard T. Howard.....Accel. Dev.
Ronnie C. Mease.....Medical
Richard R. Pardi.....App. Science

More Pledges Needed For Swimarathon'92

It is not too late to make a tax-deductible contribution to the American Cancer Society by pledging to sponsor swimmers participating in tomorrow's Swimarathon'92.

From 9 a.m. to 9 p.m. at the BNL pool, individual and team swimmers will be putting in as many laps as they can for this good cause in the second BNL Swimarathon sponsored by the Brookhaven Employees Recreation Association.

Even if you can't make it to the pool to swim, help out or watch the event, you can still make either a per-lap pledge or a flat contribution by calling Kathy Ratto, Ext. 7250.

Call for Bowlers

Although summer is not yet over, it's time to "think bowling" again!

Applications for the Tuesday night men's league in Port Jefferson and the Thursday night mixed league in Shirley are available at the BERA Sales Office. Priority registration for existing teams is due by August 21; new team registrations are due by August 28. A captains' meeting will be held on Wednesday, September 2, at noon, in Berkner Hall, Room B.

So join up for a night of fun. You do not have to be a great bowler, just a willing one! For information, contact Debbie Keating, Ext. 7673, or Maryann Reynolds, Ext. 5241.

Cafeteria Menu

Luncheons

Monday, August 10	
Soup: Chicken rice	.80/1.10
Entree: Vegetable quiche	3.20
Entree: Baked fish	3.45
Fitness: Chef's choice	3.20
Carvery: Hot pastrami sandwich	2.95
Grill: Sliced beef barbecue	2.95
Tuesday, August 11	
Soup: Corn cilantro	.80/1.10
Entree: Chicken Provencale	3.35
Entree: Chef's choice	3.20
Fitness: Fried flounder	3.35
Carvery: Hot roast beef sandwich	2.95
Grill: Pizza amore Stromboli	2.95
Special: Hot dogs, choice of topping	(oz.) .25
Wednesday, August 12	
Soup: Split pea	.80/1.10
Entree: Chef's choice	3.20
Entree: Tricolor tortellini w/red sauce	3.20
Fitness: Beef Stroganoff	3.35
Carvery: Hot baked ham sandwich	2.95
Grill: Turkey, tomato, bacon, swiss	2.95
Special: Hot dogs & lemonade	
Thursday, August 13	
Soup: Cream of mushroom	.80/1.10
Entree: Chicken Kiev	3.45
Entree: Steamed fresh vegetable platter	2.95
Fitness: Chef's choice	3.20
Carvery: Corned beef sandwich	2.95
Grill: Double burger	2.95
Special: Construct a pasta salad	
Friday, August 14	
Soup: New England clam chowder	.80/1.10
Entree: Macaroni & cheese	3.20
Entree: Chef's choice	3.20
Fitness: Baked fish	3.45
Carvery: Turkey sandwich	2.95
Grill: Tuna melt	2.95

Classified Advertisements

Placement Notices

The Laboratory's placement policy is to select the best-qualified candidate for an available position. Consideration is given to candidates in the following order: (1) present employees within the department/division and/or appropriate bargaining unit, with preference for those within the immediate work group; (2) present employees within the Laboratory; and (3) outside applicants. In keeping with the Affirmative Action plan, selections are made without regard to age, race, color, religion, national origin, sex, handicap or veteran status.

Each week, the Personnel Division lists new placement notices. The purpose of these listings is, first, to give employees an opportunity to request consideration for themselves through Personnel, and, second, for general recruiting under open recruitment. Because of the priority policy stated above, each listing does not necessarily represent an opportunity for all people.

Except when operational needs require otherwise, positions will be open for one week after publication.

For more information, contact the Employment Manager, Ext. 2882, or call the JOBLINE, Ext. 7744 (282-7744), for a complete listing of all openings.

SCIENTIFIC RECRUITMENT - Candidates may apply directly to the department representative named.

POSTDOCTORAL RESEARCH ASSOCIATE — with background in crystallography or x-ray/neutron scattering, to work in the structure and reactivity in catalysis and advanced materials program, which will include participation in studies to analyze the structure of materials such as metal hydrides and clathrate hydrates. Contact: Thomas Koetzle, Chemistry Department.

LABORATORY RECRUITMENT - Opportunities for Laboratory employees.

DD 0409. SECRETARIAL POSITION (term appointment) - Requires an AAS in secretarial science or equivalent and experience in WordPerfect 5.1. Duties will include typing manuscripts, reports, grant proposals and correspondence; making travel arrangements; preparing vouchers; and arranging meetings. Medical Department.

DD 8150. OFFICE SERVICES POSITION - Requires an AAS or equivalent work experience, good communications skills, knowledge of data entry and retrieval, and excellent organizational skills. Will be responsible for collecting and processing records, document preparation, data entry, microfilming and filing of records. Safety & Environmental Protection Division.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

DD 8151. TECHNICAL POSITION (term appointment) - Requires an AAS or equivalent with an emphasis on physical science or engineering; AAS in health physics desirable. Responsibilities include routine radiation and contamination surveys and routine industrial hygiene monitoring. Will be required to be respirator trained. Shift work required. Safety & Environmental Protection Division.

DD 8153 TECHNICAL POSITION - Requires an AAS or equivalent with an emphasis on physical science or engineering; AAS in health physics desirable. Responsibilities include routine radiation and contamination surveys. Requires participation in respirator, industrial hygiene and general safety training programs. Safety & Environmental Protection Division.

NS 8148. TRAINING POSITION - Requires BS in physical sciences and minimum of two years' professional training experience. Knowledge of environmental/hazardous waste regulations and graduate instructional technology credits highly desirable. Duties will include performing all aspects of TSD-based instruction for hazardous and radioactive waste management issues. (reposting) Safety & Environmental Protection Division.

LF 8152. PROGRAMMING POSITION - Requires a BS in computer science or equivalent and a chemistry background. Must have experience in VINES network operating system, BASIS PLUS Text Information Management System, RBase, and all phases of PC support. Knowledge of FOXPRO, PROGRESS or SYBASE is highly desirable. Safety & Environmental Protection Division.

Motor Vehicles & Supplies

88 NISSAN PULSAR NX - 5-spd., ac, T-top, black, removeable hatch, p/s, p/b, am/fm cass., new tires, brakes, etc., $6,500 neg. Liz, Ext. 5226.

87 S-10 BLAZER 4x4 - 2-dr., ac, 5-spd., tape, 62k mi. 473-2473.

87 HI-POINT TRAILER - 21', fully encl., fg, rear ramp, side door, must see, asking $2,800. Lois, Ext. 4904 days or Bob, 929-4753 eves.

87 MAZDA 323 - sun/moonroof, p/windows, locks, mirrors, cruise, am/fm cass., new tires, exhaust, 84k mi., $3,950. Jill, 734-5066.

87 TOYOTA MR2 - T-tops, a/t, ac, p/s, p/b, cruise, am/fm stereo cass., extras, excel. cond., asking $7,800. Ext. 5922 or 727-3863.

86 PONTIAC 6000 - 4-dr., a/t, ac, cruise, p/windows, am/fm stereo cass., good cond., $2,850. Tom, 661-5695.

85 SUBARU XJ - coupe, sunroof, ac, am/fm cass., 95k mi., light blue, $2,500. 757-1973.

85 FORD ESCORT - h/b, white, a/t, p/s, p/b, 80k mi., $850. Vish, Ext. 3087.

84 HONDA ATV - 3-wheeler, 200cc, 5-spd., runs well, good cond., $550. Bob D. Ext. 7772.

84 CUTLASS SUPREME - orig. owner, good cond. Maurice. Ext. 2487.

84 DODGE ARIES - 71k mi., runs well, $500. Dennis. 878-9592 after 5:30 p.m.

83 YAMAHA VIRAGO MOTORCYCLE - 750cc, black, garage-kept, extras, mint cond., asking $1,800. Charles, Ext. 5211 or 321-6674 eves.

83 EL CAMINO - 79k mi., V-8. Neal, Ext. 2254.

83 HONDA GL 1100 MOTORCYCLE - 28k mi., needs work, starter, must sell, $650. Lenny, Ext. 4986/3354 or 472-3254.

82 VW RABBIT LS - moonroof, 5-spd., ac, v.g. cond., gold int./ext., $2,200 neg. Joann, 472-6742.

82 VW JETTA - 90k mi., am/fm stereo cass., Pirelli tires, new fuel inj., distributors, batt., alternator, starter, minor work, excel. body Ext. 3593.

80 FIAT SPIDER 2000 - convertible, a/t, 50k mi., ac, am/fm cass, new eng., tires & brakes, eng. tuned up, $2,000. Mike, Ext. 5972 or 744-4579.

79 CHEVY IMPALA - white, needs work, good station car, $450 as is. Kim, Ext. 7247.

78 FORD T-BIRD - rebuilt engine, runs well, needs exhaust, brakes, rust, $150. Penny, 929-4014.

77 CHEVROLET IMPALA - red, 8-cyl., ac, 4-dr., runs well, $1,300 neg. Katarina, Ext. 7660.

76 MERCEDES BENZ 280S - white/silver, new int., paint job & tires, needs timing chain, asking $600. 924-3827 between 7 p.m. to 10 p.m.

72 TRUCK CAMPER - 10½' long, sleeps 6, freshwater pump, oven/stove, icebox, battery, new floor & carpet, good cond., $600. Jim, 929-6896.

71 GMC VAN - heavy-duty, 35 series, 350 V-8, 8-lug rear axle, needs brake line repair, best offer. Bill, 924-5505.

91 TOYOTA TERCEL - 5-spd., ac, tape deck, blue, $8,000. W. Loss, Ext. 3086.

91 NISSAN MAXIMA GXE - 25k mi., loaded, showroom cond., charcoal, $17,500. 473-3364.

89 PONTIAC GRAN PRIX - 2-dr., gray, a/t, ac, 60k mi., $6,500 firm. Pat, Ext. 2539.

89 HONDA CIVIC DX - 4-dr. sedan, 26k mi., 5-spd., tan, ac, Sony am/fm/tape. 31 city/40 hwy, ask. $7,700. Rajesh, Ext. 2045 or 689-6715.

88 FORD F-150 TRUCK - 30.k mi., red, cap, running board, am/fm, 5-spd., asking $8,500. Domenech, Ext. 2239.

88 TOYOTA 4x4 TRUCK - cocoa brown, ac, alarm, new tires, cap, mint, $6,600; '85 Honda CRX, HF model, red, 5-spd. ac, am/fm, $1,600. 728-1931.

84 CADDY COUPE - low mi., reg. maint., beautiful in & out, elec. moon roof, must see. Mike, Ext. 2050 or 399-7907 after 6 p.m.

84 PLYMOUTH V - 2.6 all reblt. motor w/500 mi., new shocks, tires, $2,500; '81 Audi 5000S, 4-dr., a/t, $2,100. Chas, Ext. 2021 or 288-2080.

84 MAZDA B2000 PICKUP - w/cap, new battery, tires, am/fm cass., 82k mi., 22 mpg, runs very well, $2,500 neg. Joann, 472-6742.

83 MAZDA GLC - h/b, blue, 4-spd. m/t, runs well, $800. Warren, Ext. 4939 or 924-7552.

82 AMC EAGLE - 4wd, runs well, $750. Dwyer, Ext. 3496.

79 CHEVY MALIBU - s/w, good cond., but need transmission work, many new parts, $425 neg. Mitch, Ext. 4212 or 928-7732.

79 FIREBIRD FORMULA - 301 V-8, a/t, ac, white, orig. owner, $750 or best offer. Ron, Ext. 2175 or 269-9542.

78 MERCURY COUGAR - new timing chain, brakes, exhaust, $300; '75 Prowler camping trailer, 21', needs some repair, $1,000. Dan, Ext. 4987.

74 CHRYSLER - s/w, Town & Country, $300. Tony, 698-9274.

71 CHALLENGER - 340 motor w/4k mi., 727 slap stick trans., new paint, mint, good investment, $4,500 neg. 698-3918 or 698-0596 eves.

69 CORVETTE - convertible, new motor, exhaust, brake system & front end, hardtop, much more, $11,000. Tom, 698-2755 or 289-1705.

68 VOLVO - running, usable for parts. 475-4963.

31 CHRYSLER - 2-dr., rumble seat, all orig., excel. cond., ask. $8,000. Rosalie, Ext. 3160 or 289-5704.

AMC HORNET - $175. Kathy, 744-2203.

RUNNING BOARDS - Dee-Zee, alum., never used, fits Jeep Cherokee, 67" long, orig. $180, asking $100. Chris, Ext. 2022 or 395-6112.

PARTS - '81 VW diesel manual, $8; steel rim w/ 165/SR13 tire, $12; '81 VW diesel oil filter, $6.50; air filter, $7.50; Nissan oil filter, $5.50. 874-4845.

TIRE - Goodyear Eagle GT, 225/50/16, good tread cond., $35. 474-3799.

MG MIDGET - new front end, needs restoration or use for parts, have extra parts, best offer. Artie, 981-3468.

TIRES - 2, w/w, 195-75-14, mounted on steel wheels, $7.50 ea. 475-8658.

RADIO - am/fm from Ford truck, good cond., $20. Brian, 878-4356.

WHEELS - BBS, set of 4, two-tone gold & silver, 5-lug pattern, 6½" w x 14" diameter, mounted w/Perrelli P.6 tires, P225/60/R14. Lori, Ext. 3046.

RADIO - am/fm stereo, fit GM late model cars, two available, $45. Walt, Ext. 7154.

Boats & Marine Supplies

31' SUNRUNNER - T/305, 230 hrs., new canvas, cockpit seats, micro, stereo, 11'6" beam, aft cabin, sleeps 6. Ed, Ext. 3499 or 345-3671.

22' MARSHALL CATBOAT - freshwater cooled Yanmar diesel, VHF radio, depth sounder, Danforth compass, head. Gordon, 477-2269.

19' FAIRWINNS - 1986, cuddy, 140 i/o, electronics, many assess., 1989 Shoreline trailer w/power winch. Artie, 981-3468.

16' JOHN DORY - good cond., $600. 286-3235.

SUNFISH - 1991 racing model, North Sail, rigged & ready, $1,400. Joe, Ext. 3587 or 286-1479.

SUNFISH - all equipment, used 1 season except hull, daggerboard dolly, asking $600. 286-1097.

Furnishings & Appliances

BEDROOM SET - triple dresser w/mirror, chest of drawers, double bed, 2 nightstands, $100; lawn mower, push, $7; golf cart, $10. 878-6637.

BEDROOM SET - solid oak, queen-size bed, 2 nightstands, triple dresser w/mirrors, armoire, more, excel. cond., $1,500. 751-8351.

COUCH - 72", $75; TV, $20; TV antenna, $30; shelf unit, $20; vacuum $20; antique kitchen cabinet, $20. Kathy, 744-2203.

Tools, House & Garden

FIREWOOD - seasoned locust, you pick up, $100/cord; coal stove, Surdiac MCK 516, self-feeding, high Btu, v.g. cond., $200. 878-6637.

FURNITURE - redwood, stained, 3 pc., $75; sewing mach., $50; bird cages, $5-$75; deep freezer, 60"x36"x32", $100. Edith Kelly, 744-3069.

GENERATOR - J.C.P., 5,000 watts, hardly used, good cond., $250. Mike, Ext. 7822.

HUMIDIFIER - new, auto controls, 5.5 gallon capacity, use for whole house, $70. 475-8658.

KITCHEN CABINETS - sink; 30" range & hood, neg. Mitch, Ext. 4212.

MAPLE TREES - Japanese red, $10-$45+; well pump, 1½ h.p., FW, 3 stage, $75; Deming shallow well pump, ¾ h.p., $75. 265-6542 after 6 p.m.

MOWER - self-propelled, 21", mulcher, excel. cond., $300. 589-3608.

Sports, Hobbies & Pets

BIKE - Schwinn Continental, 10-spd., men's, $60. Walt, Ext. 7154.

COMPOUND BOW - Golden Eagle Turbo Hawk, 65 lb., 28-29 draw, left-hand, w/quiver, arrow & rest. Mark, 281-5060.

JACK LALANNE MEMBERSHIP - lifetime gold, all options, no dues till 1/93, renewal $5/mo., $500. Louie, 345-6704.

KEYBOARD - Crumar, concert, w/stand, foot pedals, $300; dog supplies, chains, nylon chokes & leads, breed stationery, combs, etc. 473-6432.

PUPPIES - chocolate lab, AKC registered. George, Ext. 2370 or Joan, 286-0935 eves.

R/C CARS - 2, 2 radios, 3 batteries, 1 dc charger, case, will separate, $250/all. Mike, Ext. 7822.

ROWING MACHINE - Ajay Action row, excel. cond., $35 firm. Janet, Ext. 4049.

ROWER/SKIER - $75; electric typewriter, Casiowriter, $25. 821-3762.

TREADMILL - Sears Lifestyle #1800, orig. $400, exercise bike & treadmill, $210. Andy, Ext. 7014.

WEIGHT BENCH - Marcy. 744-5448.

Audio, Video & Computer

POWER AMP - Hafler P-500, commercial, 250 WPC, bridgeable to 600 watts, like new, w/equalizer & rack, $600. Artie, 981-3468.

CD PLAYER - Technics SL-P2, triple-beam pickup, programmable remote, w/40 CD holder, orig. $300, sell for $120 firm. Jim, Ext. 3537.

CD PLAYER - Fisher, stereo, dual cass., amp., am/fm tuner, $225. Steve, 744-0047.

COMPUTER - XT compatible, EGA, color mon., 1 disk drive, mouse, 50+ MB programs. Steven, Ext. 5694.

COPIER - Savin V-35, $350; computer 40 MB hard drive, 640K memory, 2 floppies, 1.44, 1.2, $400. 589-3608.

SUPER NINTENDO - orig. $180, sell for $150. Ext. 4518 or 341-1055.

TV - RCA, color, 19", $95. 473-2473.

Miscellaneous

AIRLINE TICKETS - 3, 1 way, JFK-Chicago, 8/21. B. Jefferson, Ext. 5834.

AIRLINE TICKET - 1 way, Islip-San Francisco, 9/1, $25 to change date, $105. 929-8443.

COAT - Misty Harbor, all-weather, size 12, slate blue, orig. $120, sell for $60. Ext. 4538 before 12:30 or 924-2012, leave message.

FABRICS - used for crafts, closet full, must see. 475-8658.

JACKET - brown leather, bomber, fully lined, size 36, hardly worn, $40 neg. Ext. 5922 or 727-3863.

OPERA TICKETS - Met Opera, row B, balcony center, *Butterfly*, 9/26; *Tosca*, 1/9, two tickets each, $66/pair. Dave, 941-9022.

PLAYPEN - 36"x36"; deluxe walker; baby swing w/deluxe seat, all Graco, excel. cond., $75/all. 821-0125.

SWING SET - slide, 2 swings, 2 seesaws, you disassemble & pick up. Steven, Ext. 5694.

WHITE-WATER RAFTING TICKETS - 4 seats on bus, 9/12, $200/ea. incl. bus, room & rafting. Joe, Ext. 4482.

Free

CAT - 2 yr. old, spayed female, tort., mixed breed, needs good home, owner has allergies. 286-3679.

DOG - miniature Collie, female, about 3 yrs. old, spayed, great w/kids. Dan, Ext. 3558.

DOG - neutered female, has all shots, needs loving home. Kelly, 563-6062.

KITTENS - 6 calicos, ready in 4 weeks. Joe, Ext. 4482.

Car Pools

SOUTHAMPTON-SHINNECOCK HILLS - female nonsmoker, can't drive, will pay for occasional ride. 283-0071.

Wanted

BABY-SITTER - German speaking. Stas, Ext. 7849.

COMPANY TO FLORIDA - If you need a ride, driver is looking for company & someone to share expenses, leaving week of 8/10. 758-6892.

DOOR - flush, residential, interior, 32"-36" wide x 80" high. John, Ext. 7671.

ENGRAVING MACHINE - and accessories, also ring engraver. Kelly, 821-5239.

HOUSE TO RENT - 3-4 bdrm., SWR SD, for visiting scientist, Sept. 92 for 1 yr. Brian, Ext. 2369 or 929-5407.

MEMBERS FOR BODY-BUILDING CLUB - join now, you'll thank us later. Charles, Ext. 5211 or 321-6674.

PEOPLE TO JOIN - Toastmasters Club on site, improve thinking, listening & public speaking. Darryl, Ext. 7892, or Mike, Ext. 3189.

PORT-A-CRIB - good cond., fair price. Kevin, Ext. 7316 or 878-0863.

STEREO - reel-to-reel tape recorder or tape deck, in good working order. Ext. 4341 or 475-4005.

WOMEN SOFTBALL PLAYERS - to play in Brookhaven Town Fall League on Thurs. eves. Marsha, Ext. 2871.

Services

*Services are listed in the first **Bulletin** of every month as a courtesy to BNL employees. They are neither screened nor recommended by the **Bulletin**. Services forms are available in the **Bulletin** lobby, Bldg. 134.*

ALTERATIONS - men's & women's clothes, call for estimate. Theresa, 289-0898.

BABY-SITTING - 18, has own transportation, reliable, exp., loves kids, North Shore. Heather, 928-5796.

BABY-SITTING - in my home in Wading River while caring for my infant son. Lorraine, 929-3910.

BRICKWORK - masonry, patios, walks, swimming pools, retaining walls, landscaping ties, Belgium block, 25 yrs. exp., Lab discount. Tony, 698-9274.

CARPET/UPHOLSTERY CLEANING - spot, pet stains, odor removal, auto int., fabric protector, free est., Lab disc. Jerry, 924-6019, days.

CARPETING - discount purchase, installation & repair, custom work, stripes, borders, printing in carpet. Mark, 399-2813.

CATERING - good ol' home Italian cooking, not commercial, all homemade pastas, cater any holiday or occasion. Luisa, 395-6055.

CERAMIC TILE - installation, bathroom, renovations, kitchens, foyers, all types of tile, cheap prices, will do repairs. Patrick, 475-9776.

CHIMNEY SWEEP - fireplaces, wood, coal & oil flue, repair, pre-fab custom stainless steel caps or copper, Lab discount. Mike, 821-5526.

COLLEGE FINANCIAL AID - guaranteed, refund if no aid, computers match grants & scholarships w/background, Lab disc. Tom, 736-6691.

DECKS - custom, cedar, CCA, 20 yrs. exp. Danny, 698-9274.

DJ/MC - The Music Connection, music from 40s-90s, quality sound/service at affordable prices, all occasions, insured, let's party. Lou, 698-8210.

DJ - Soundz Prod., the latest music at an affordable price. Sean, 666-5848.

HAIRDRESSING - cut, perm, color, etc., m/f, 20 yrs. exp., NY & MA licensed, Miller Place location. Nancy, 331-1372.

HOME IMPROVEMENTS - doors, windows, siding, complete kitchens & baths. Carl, 698-9274.

HOUSECLEANING - reliable, reasonable, honest, hardworking, references. Cathi, 281-0360.

JEWELER - repairs, special orders, honest, affordable, no job too large or small. Kelly, 821-5239.

KARAOKE - sing-a-long for your next party, state-of-the-art equip., prof. VJ. Carol, 281-5060.

KAYAK LESSONS - Sea Kayak, river playboats, $70/4 hrs. + 3 hrs. free time, equip. supplied, intro to kayaking, $25/2 hrs. Ernie, 281-7873.

LAND CLEARING - carefully removing stumps, trees, & brush w/rake on 450 loader, $70/hr. Tom, 878-1060.

LANDSCAPING - cleanup, shrubs moved, driveways sealed, reasonable. Ernie, 698-9274.

LANDSCAPING/CONSTRUCTION - lawn cuts, lawn maint., planting, clean-ups, patios, decks, free est., beat any price. Dennis, 395-6055.

LAWN SPRINKLERS - automatic, free estimates, prof. layouts, repairs, alterations & additions, prompt courteous service. Lou, 928-7042.

LAWN MOWER REPAIRS - Luis, 369-5730.

LAWN MOWER REPAIRS - reas. rates, quick service, have trailer, will travel. Dan, 698-7322.

LOCKSMITH - sales & service, 10% Lab disc., keys cut during lunch. Pete, 399-2813 after 5 p.m.

MAILBOXES - custom-made & installed, many colors & designs, free lettering, free catalog, Lab discount. Mike, 821-5526.

MASSAGE THERAPY - NYS licensed, no-fault cases w/doctor's prescription accepted, Medford. Alana, 475-4947.

NANNY - in your home w/my 1½ yr. old, have exp. & refs., with energy & fun ideas. Jessica, 928-8465.

PAINTING - excel. quality house painting, reas. prices, fast service, refs. avail. Peter, 475-8406.

PAINTING - int./ext., drywall installation, spackle, tape, window, door installation, roofing, decks, reas. price, free est., insured. Scott, 325-0706.

PARTIES - make every party a special event, catering & every other detail covered, all size parties, any occasion. Rosalie, 289-5704.

PARTY TENT - 20'x30' w/side curtains, we set up & take down, $250/38 hr. 321-2889.

PARTY TENTS - for rent, we set up & take down. Fred Kuehl, 588-2268.

PLUMBING - heating alteration & repair work by Jim Morris, retired BNL employee. 472-1205.

ROOFING & SIDING - expert repairs, fair & reas. rates, we care about your home. 878-1178.

SHEETROCKING & SPACKLING - free estimate. Kevin, 563-9855.

SILK FLOWERS - arrangements & baskets, great gifts for family, friends, sunshine clubs, add beauty to any home decor. Maureen, 369-3803.

SKYLIGHTS - complete, prof. service, cleaning, preventive maint., installations. Joseph, 924-6019.

SPECIALTY GIFTS - cross-stitch cards, special occasion samples, made to order, min. 6 wks.' adv. notice req. Judy, 924-2012, leave message.

TRANSPORTATION - we transport all types of vehicles, we guarantee a safe voyage for your vehicle on a trailer. Darren, 281-0898.

TUTOR - college professor & reading specialist will tutor reading & English composition classes, reasonable rates. Maureen, 589-7157.

VIDEOGRAPHER - capture those precious moments on video, will tape weddings, parties, all occasions. Larry, 281-7240.

Ads left out of this issue due to lack of space need not be resubmitted to appear in the next issue.