BROOKHAVEN BULLETIN
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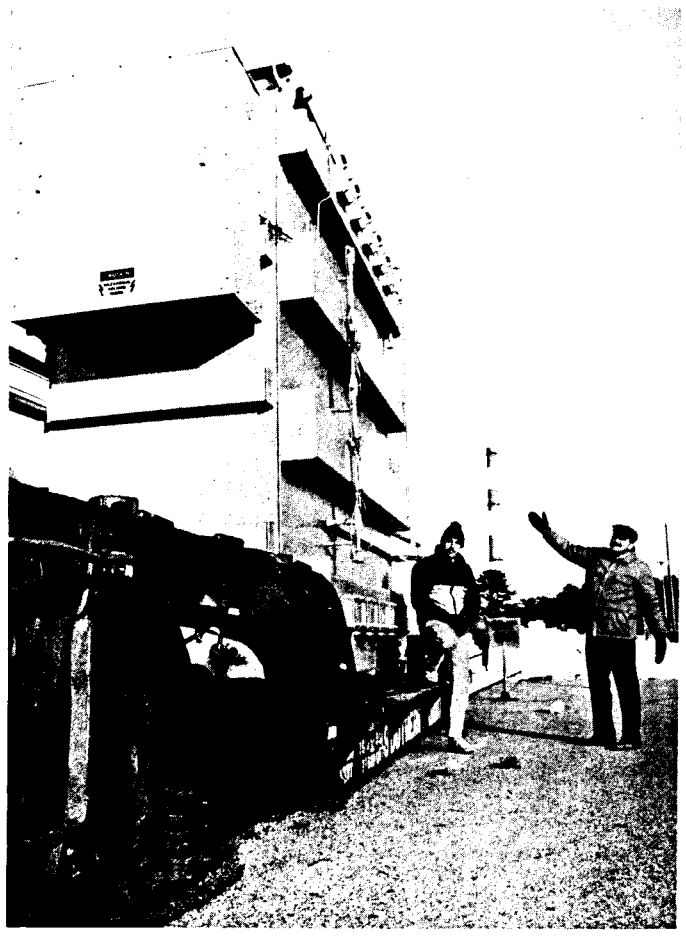
BROOKHAVEN NATIONAL LABORATORY

Transformer on the Right Track



Roger Stoutenburgh

Twenty-three days and too many railroad miles later, here it is — a 27,000,000-volt-ampere transformer — the device that will be dedicated to transferring the electrical power supplied by the Long Island Lighting Company (LILCO) to the power supplies of BNL's Booster ring, now under construction. In the process, this seventh BNL transformer will convert the LILCO power from 69,000 volts to 13,000 volts, as required by the Booster's power supply system.

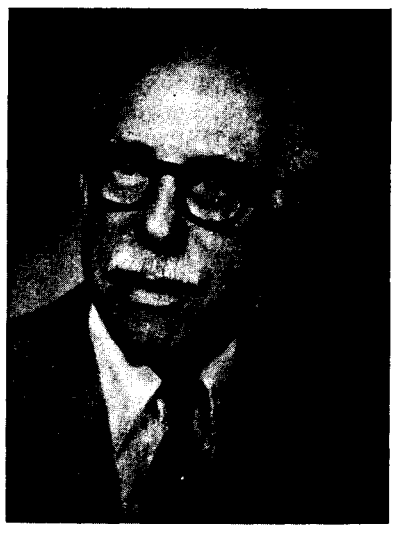
John DiNicola (right) supervises the Electrical Design & Construction Group of Plant Engineering (PE), charged with expanding the Fifth Avenue substation to handle the Booster's need for pulsed power from LILCO without affecting the power supplied to the rest of the Lab site. Pictured with him is Thomas Nehring, PE, the project's electrical engineer; absent from the picture is James Wright, the project's lead designer.

The 60-ton General Electric device began its journey from Rome, Georgia, on November 23 via the Southern Railroad — and its travels became the travail of Andrew Feldman, Contracts & Procurement Division, the procurement supervisor who made the purchase. After spending ten days in Enola, Pennsylvania, the transformer was taken over by CONRAIL and took a week to arrive in Newark, New Jersey. Sent on to Selkirk, in upstate New York, the transformer was held up again before being transferred to the Bronx and from MetroNorth to the Long Island Railroad (LIRR). Before the transformer could be delivered to BNL, however, the LIRR had first to remove, temporarily, the 60 passenger cars it was storing on the Lab's rail spur.

Feldman and Tower Lineman Bernard Brehm, PE, greeted the transformer's arrival on December 15 — at 2:30 a.m.

Setlow Wins Fermi Award

Richard Setlow, BNL's Associate Director for Life Sciences, is one of two recipients of the Department of Energy's (DOE) 1988 Enrico Fermi Award. The awarding of DOE's highest scientific honor to Setlow and to physicist Victor Weisskopf of the Massachusetts Institute of Technology, was announced by Secretary of Energy John Herrington on December 23.



Richard Setlow

A biophysicist and former Chairman of BNL's Biology Department, Setlow is being honored for his contributions to the fields of radiation biophysics and molecular biology. He will receive the award, which includes a Presidential citation, a gold medal and a $100,000 honorarium for each recipient, at a special ceremony in Washington, D.C.

Setlow's career and the science for which he is being honored will be detailed in a story in next week's Brookhaven Bulletin.

team safety

At the stroke of midnight on December 31, as 1988 ends and the new year begins, the first six months of the Team Safety Program will become history: During this time, the program was so successful that it was expanded from 25 to 29 teams.

In fact, on December 19, the Central Shops Division's Support Area Team and Welding, Metal & Cutting Team had their second win, as did the Supply & Materiel Division's Central Stores Team and Central Receiving Team. Special congratulations to these four teams, which have not had a lost-time accident since the program began.

By other measures as well, the Team Safety Program has been a success, so the commissioner thanks all team members for their efforts to reduce on-the-job accidents. The commissioner also reminds you that safety is important off the job, too. So, have a HAPPY and SAFE new year!

To: United Way; From: BNL — $100,310

Roger Stoutenburgh

In mid-December, (from right) Lab Director Nicholas Samios and Susan Foster, Personnel, chair of the 1988 BNL United Way Fund Drive, received United Way representatives Alan Stalb and John Donohue, who presented the Laboratory with plaques commemorating the generosity of Lab employees this year. Employee pledges totaled a record-breaking $93,000 at the end of the two-week fund drive early in November and have since risen to $100,310.

Service Awards

The following employees celebrated their service anniversaries with BNL during the month of December:

Thirty-Five Years

Stuart S. Rideout .... Comp. & Comm.

Thirty Years

Henry J. Halama ..... NSLS
Gordon E. Rackett ..... AGS

Twenty-Five Years

William J. Bottinger ..... P&GA
James J. Hurley ..... DAS
Harvey P. Richardson Jr. ..... Instr.
John A. Scesny ..... Plant Eng.
Barbara A. Smith ..... Accel. Dev.
Robert R. Wheeler ..... Physics

Twenty Years

Lawrence T. Arnold ..... AGS

Ten Years

Walter W. Annand ..... Plant Eng.
Paula L. Bennett ..... Biology
Eva Emmerich ..... Accel. Dev.
Peter R. Fish ..... Plant Eng.
Elizabeth E. Gilbert ..... Physics
Richard L. Greene ..... NSLS
Kurt Hillman ..... Nuc. Energy
Christopher P. Lanni ..... NSLS
Stephen M. O'Kula ..... Plant Eng.
Kenneth A. Rogers ..... Accel. Dev.
Grace G. Shiue ..... Biology

Aerobic Dance

The Aerobic Dance Club can help you get back in shape after the New Year. Instructor Pat Campbell will lead classes in aerobic dance on Tuesdays and Thursdays, for ten weeks, beginning January 10 and 12. All classes run from 5:15 p.m. to 6: 15 p.m. Participants may take classes one or both days. A mat is suggested for floor exercises.

The fee for each ten-week session (T or Th) is $30, payable at registration, which will precede the first classes and be held on the third floor of the Collider Center, Bldg. 1005S.

Due to scheduling problems, stretch classes will not be offered during the spring program.

For more information, call Bill Leonhardt, Ext. 2378; Elinor Norton, Ext. 3455; or Janet Sillas, Ext. 2345.

Note to Employees:
Attendance at lectures, meetings and other special programs held during normal working hours is subject to supervisory concurrence.

Bowling

Purple League

Rob Simes bowled a 245, Dick Adams 213, Elaine Zukowski 199/190, Gail Schuman 198, Marsha Kipperman 194.

White League

Ken Riker rolled a 234.

Red/Green League

R. Jansson had a 233/200/609 scratch series, K. Asselta 228, R. Skelton 228, D. Jesaitis 221/200, R. Jones 219, R. Mulderig 216/212, J. Morris 214/206/616 scratch, E. Sperry IV 210/200, L. Schairer 210, J. Ferrante 201, J. Roesler 201, A. Warkentien 200.

Town Meeting On Future Physics

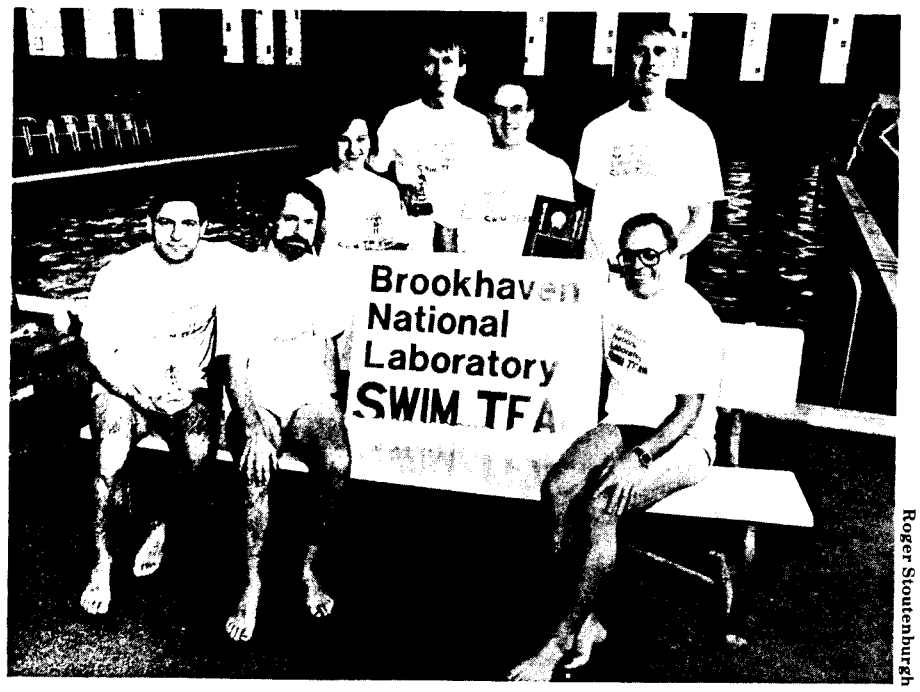
A town meeting on "Future Directions in High Energy Physics" will be held on Thursday, January 5, to help provide input to a recently formed High Energy Physics Advisory Panel (HEPAP) subpanel.

This HEPAP subpanel is studying the future directions high energy physics can take both before the proposed Superconducting Super Collider (SSC) comes on line and while the SSC is operating. Town meetings such as this one are one way in which the subpanel is seeking input from the high energy physics community on these issues.

The town meeting at BNL will be held in the large seminar room in Physics, Bldg. 510, from 10 a.m. to noon, or longer, if necessary. To open the meeting, Stanley Wojcicki will discuss the charge of the subpanel he chairs; then, members of the Lab's Directorate will discuss BNL's plans for the future.

An open meeting will follow, devoted to comments and presentations by BNL staff and users of the Lab's facilities, all of whom are encourage to attend, express their views and participate in the discussion. Stew Smith, chair of BNL's Users' Organization, will lead this part of the meeting, and anyone wishing to make a brief, formal presentation should contact him, at (609) 452-5590, several days before the meeting.

Swimming & Winning



Roger Stoutenburgh

The BNL Swim Team placed second among small teams for the 1988 season in Empire State Masters Swimming competition — thanks to the fast laps stroked by these seven swimmers: (back row, from left) Marsha Belford, who holds an individual season award for her third place among women 30-34 and is a repeat winner from two years ago; Peter Cameron, who came in third overall among men 40-44; Swim Team Captain Peter Heotis, who holds the Team's award; Ron Wittlock; (front row, from left) Wlodek Guryn, who placed second of all men 35-39 and is a repeat winner from last year; Roger Klaffky; and Swim Club President Paul Michael.

Roger Stoutenburgh

Golf Champions

Belated congratulations to the BERA Golf Association's (BGA) champions for the 1988 golf season: (from left) Joe DePace, Don Gates and Charles Briening.

After four playoff rounds, DePace and Gates took the team championship, defeating Garry Barnett and Peter Boyle in the final match. Regular season group winners were: Jesse Becker and Bob Gibbs, of Group 1; John DiNicola and Ove Dyling, Group 2; Phil Borzi and Bob Brown, Group 3; and Tom Dilgen and Dennis Malloy, Group 4.

Charles Briening won the individual league championship by besting Bob Rowley in the finals. Regular season group winners in this league were: John Usher, of Group 1; Art Waligura, Group 2; Bill Schoenig, Group 3; and Bob Lofaro, Group 4.

Awards for best overall performances in this year's BGA tournaments went to John Usher, for gross score standings, and Larry Musso, net score standings.

Volleyball

Standings - Week of December 19

League I		League II	
Upfagrabs	25-2	Set-Ups	24-6
Dinkers	20-10	Fossils	23-7
Xrayted	19-8	Krush	22-8
Cannonballs	14-16	Nuts & Bolts	19-11
Phoubars	6-24	Ziegfield Vollies	11-19
Netminders	3-27	Slammers	9-21
		Upton-Ups	5-25
		Chunga's Revenge	7-23

Open League		League III	
Meriem's Team	21-3	Frazzled	26-1
Phoenix	20-3	MISfits	17-10
Dig Your Lips	18-6	Sourcerers	16-11
Tom's Mutants	14-10	Printouts	15-12
Magnum	13-11	High Volley'em	14-13
Vollies	10-14	Spikes	10-17
Pi Chu	6-18	Good Timers	6-21
Rowdy Radicals	5-18	Renegades	4-23
Constables	0-24		

Cafeteria Menu

Week of January 2

Monday, January 2

Snack bar service — 9 a.m. to 2 p.m.

Tuesday, January 3

Soup: Manhattan clam chowder	(cup)	.75
	(bowl)	.95
Turkey w/dressing & veg.		3.10
Manicotti w/tomato sauce & garlic bread		3.10
Lite-line: Turkey & veg.		3.00
Hot deli: Pastrami		2.85

Wednesday, January 4

Soup: Garden vegetable	(cup)	.75
	(bowl)	.95
Beef stew over noodles		3.10
Fried fish amandine & veg.		3.10
Lite-line: Broiled fish & veg.		3.00
Hot deli: Roast beef		2.85

Thursday, January 5

Soup: Potato chowder	(cup)	.75
	(bowl)	.95
Macaroni au gratin & veg.		3.00
London broil w/brown gravy & veg.		3.10
Lite-line: London broil au jus & veg.		3.10
Hot deli: Corned beef		2.85

Friday, January 6

Soup: Minestrone	(cup)	.75
	(bowl)	.95
Fried clams, fries & coleslaw		3.10
Stuffed pork chop & veg.		3.10
Lite-line: Broiled pork chop & veg.		3.00
Hot deli: Turkey & cheese croissant		2.85

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Blood Count

A special thank-you to all BNL'ers who came to give blood during this month's Blood Drive — for a final count of 463 pints collected.

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 and/or appropriate bargaining unit, with preference to those within the immediate work group; (2) present employees within the Laboratory as a whole; and (3) outside applicants. In keeping with the Affirmative Action plan, selection decisions are made without regard to age, race, color, religion, national origin, sex, handicap or veteran status.

Each week, the Personnel Office lists new personnel placement requisitions. The purpose of these listings is, first, to provide open placement information on all non-scientific 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.

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 Employment Manager, Ext. 2882.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside applicants.

3057. PROGRAMMING POSITION - Requires a bachelor's degree in physics, computer science or the equivalent with three or four years' computer-related experience. Responsibilities include all aspects of software projects (interface with users, specify, design, coding, debugging, testing, documenting, etc.) Work involves development of particle accelerator control systems using modern languages on Apollo workstations. Knowledge of C and UNIX is helpful. Accelerator Development Department.

3058. METAL WORKER MAINTENANCE A - Will construct and install a variety of metal equipment needed in plant maintenance such as sinks, gutters, ventilating hoods, stands, hangers, etc. Performs layout, preparation, measurement, assembly and installation. Performs necessary brazing, welding and silver soldering incidental to the job. Makes own templates, sharpens, tools, and performs maintenance incidental to operation of machines. Plant Engineering Division.

3059. X-RAY TECHNICIAN - (Part-time position) Responsibilities for performing mammography screening examination, including logging request, processing films, filing and distributing reports and identifying problems related to incorrect exposure. Must have experience in performing mammography examinations and hold a valid New York State License. Occupational Medicine Clinic.

3060. CLERICAL POSITION - (temporary) Requires excellent record keeping and computation skills. Will prepare and process vouchers for payments, mail vendors' checks and maintain data regarding payments. Experience with typing and use of calculator required. Fiscal Division.

Motor Vehicles & Supplies

87 MAZDA 626-LX - a/t, a/c, p/s, all power, excel. cond., $9,000. 929-4622.

86 DODGE CARAVAN SE - 2.6L, a/t, a/c, am/fm/cass., roof rack, red w/entended 5-yr. warranty, 37k mi., $9,500. Ext. 5403 or 821-3373.

86 SUBARU GL-10 - station wagon, 4wd, turbo, fully loaded, 55k mi., new tires, mint cond., asking $11,500. Henry, Ext. 4547 or 727-7227.

84 CHEVY S10 PICKUP - 2wd, 4-spd., black, 3" lift, stereo, bucket seats, 51k mi., $3,500. Jay, Ext. 2172 or 751-0538.

84 TRANS AM - V-8, 305 eng., p/s, p/b, a/c, T-top, excel. cond. 928-9109.

80 MONTE CARLO - V-6, 2-dr., a/t, p/s, p/b, a/c, needs work, best offer. Ext. 2498 or 472-9349.

80 OLDS OMEGA - 4-cyl., 2-dr., p/s, p/b, a/c, am/fm cass., 4-spd., new battery, radiator, tuned, excel. cond., $1,400 neg. Franz, Ext. 7103.

79 TOYOTA CELICA GT - 5-spd., a/c, sunroof, am/fm stereo cass., high mi., excel. gas mi., $1,500. 277-2067.

79 VW RABBIT - diesel, for parts, broken c/v joint. Frank, Ext. 3499 or 736-2575 eves.

79 MUSTANG GHIA - 113k mi., am/fm cass., sunroof, velour int., body needs little work, runs well, $1,500 neg. Bob, Ext. 4660.

79 HONDA CIVIC - h/b, 92k mi., am/fm cass., new tires, starter, brakes, water pump, etc., good cond., $750 neg. Ext. 3583 or 3204.

78 DODGE ASPEN - slant-6, a/c, a/t, runs, some rust, 136k mi., price neg. Marion, Ext. 4776.

77 PLYMOUTH VOLARE PREMIER - sedan, 4-dr., p/s, a/c, new trans., exhaust system, 66k mi., good cond., $800. Ext. 4534 or 924-7916.

76 CAPRI GHIA - coupe, a/t, p/b, am/fm, new tires, battery, tuned, great cond., $750. 929-8912.

75 PONTIAC VENTURA - 2-dr., 6-cyl., a/t, am/fm cass., $350. Ext. 4605.

CAR PHONE - G.E., w/antenna, 1-yr.-old, cost $800, asking $500. Guy, Ext. 3147.

PARTS - Mustang/Capri, 1979-up. Bart, Ext. 3457.

CAP - for pickup, 5'3"x7'6", $50. Keith, 474-3863.

CHROME RIMS - set of 4 to fit Nissan P/V, $75. Frank, Ext. 3499 or 736-2575 eves.

Boats & Marine Supplies

OUTBOARD MOTOR - parts & props. Bart, Ext. 3457.

Furnishing & Appliances

DRESSERS - 2, large, matched, ornate, solid wood, needs refinishing, one partially stripped, $80 ea., $150 set. Jim, Ext. 3296.

BEDROOM SET - dk. brown, 2 dressers; storage closet, w/shoe attachment; twin-bed frame; Shearling hat from Australia. Chris, Ext. 2907.

Tools, House & Garden

SHALLOW WELL - Gould piston pump, new cond., $40; formica white-marble kitchen set, 6 chairs, good cond., $50. Ernie, Ext. 3357.

Sports, Hobbies & Pets

PUPS - Pekingese, male & female, AKC. 654-1731 eves.

HOCKEY SKATES - size 5, good cond., $25. Bob, Ext. 5286.

BENCH PRESS - new, weight lifting, $45; weights, 21 pieces, $25; large painted flat-top trunk, $20. 878-6637.

Audio, Video & Computer

TURNTABLE - AR, $100; amplifier, 15W/ch., $50; tuner, am/fm stereo, $50. Bart, Ext. 3457.

TV/STEREO CONSOLE - wood, music center, nice cond., $15. Ernie, Ext. 3357.

SPEAKERS - 2, Criterion 333, 30W, $50 ea. Ext. 7126.

STEREO - am/fm recorder, Sony, detachable speakers, $60. Ext. 3206.

TV - RCA, 25", wood cabinet, pedestal, $125. Ext. 2888 or 286-0422 after 6 p.m.

CAMCORDER - G.E., case, car cord, extra battery, zoom, auto focus, full-size VHS, good cond., $500. Jud David, 473-0495.

COMMODORE 64 COMPUTER - w/disk drive, cass., Koala-pad, other accessories & software, $400. Peter, Ext. 4004 or 286-0934.

Miscellaneous

ARTS - Chinese paintings & calligraphys by a famous artist, also crafts such as cloisonne, jade, more. Ext. 3206.

Free

FISH - good home wanted for 3 silver dollars plus 2 bottom feeders. Vicki, Ext. 5205.

DOG - for adoption, 3-yr.-old, female, terrier shepherd, medium-sized, very affectionate, owner unable to keep her. Robin, Ext. 2420.

Lost & Found

LOST - Seiko watch, women's, gold toned, probably lost at/by gym. Ext. 7192.

Real Estate

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

For Rent

RIDGE - 1-bdrm. apt., new, bath, l/r, kitchen, dining area, private ent., 5 min. to Lab, single/couple, no pets, $600/mo. incl. util. Ext. 5076 or 744-4615.

WADING RIVER - 1-bdrm. apt., waterfront, fully furn., full bath, eik, f/p, deck, priv. beach, single person, no pets, non-smoker preferred, $675 incl. all. 929-4113.

HILTON HEAD, SC - 2-bdrm. condo, sleeps 6, tennis, golf, beach, pool, Dec. & Jan. $350/wk. 585-9149.

For Sale

CENTER MORICHES - 3-bdrm. bayfront ranch, l/r, f/r, bath, kitchen, overlooking Moriches Bay & Fire Island, bay view from every room, asking $205,000. Ext. 5277 or 549-5802.

LAKE RONKONKOMA - 4-bdrm., 2-bath, new kitchen, l/r, den w/fp, 1½ car garage, full bsmt., part. finished, ½ acre near lake, 5 min. to town, R.R. & L.I.E., asking $157,500. Guy, Ext. 3147.

MASTIC BEACH - 5-rm. ranch, 3 master bdrms., full bsmt., oil hot water heat, 3 blocks from Marina, oversized lot, approx. 117-122, $118,000. 281-8685 or 8764.

WADING RIVER - 4-bdrm., 3½-bath, country kitchen, l/r, d/r, f/p, oak floors, rec. rm., full bsmt., 2-car gar., 2 decks, inground pool, wooded 1¼ acres, many extras, $235,000. 929-6179.

SHIRLEY NORTH - 3-bdrm., Cape-col., 2-bath, l/r, d/r, full bsmt., immaculate, just remodeled, $119,900. 281-5060.

KISSIMMEE, FL. - 7½ acres, zoned AE5, 7 approx. miles from Disney-Epcot, build your own home or buy for speculation, fast-growing area, homeowners assn., $35,000. 407-260-1921.

Wanted

REPAIR PERSON - to repair a micro-recorder, will pay. Lin, Ext. 2671.

Classified Ad Policy Deadline is 4:30 p.m. Friday for publication Friday of the next week.