BROOKHAVEN BULLETIN

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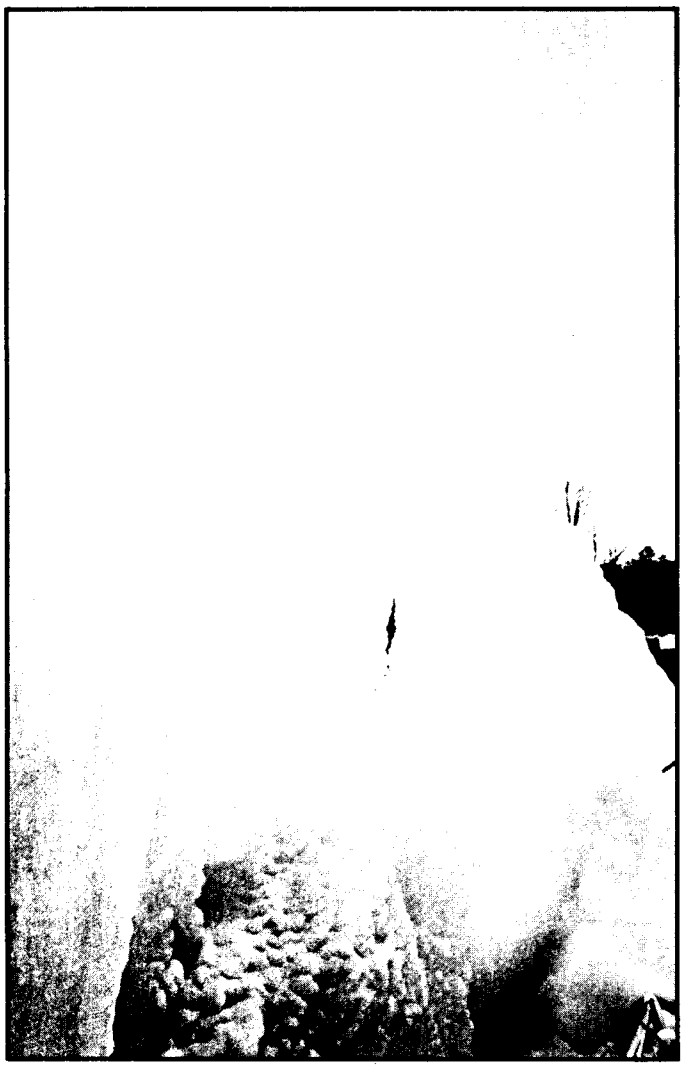
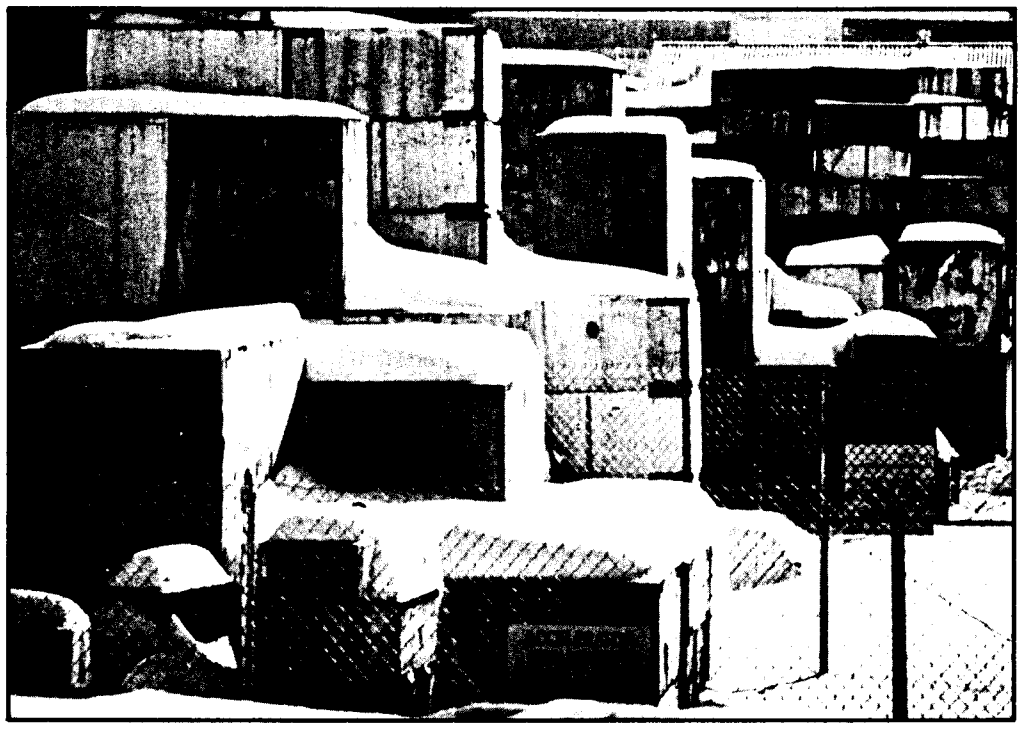
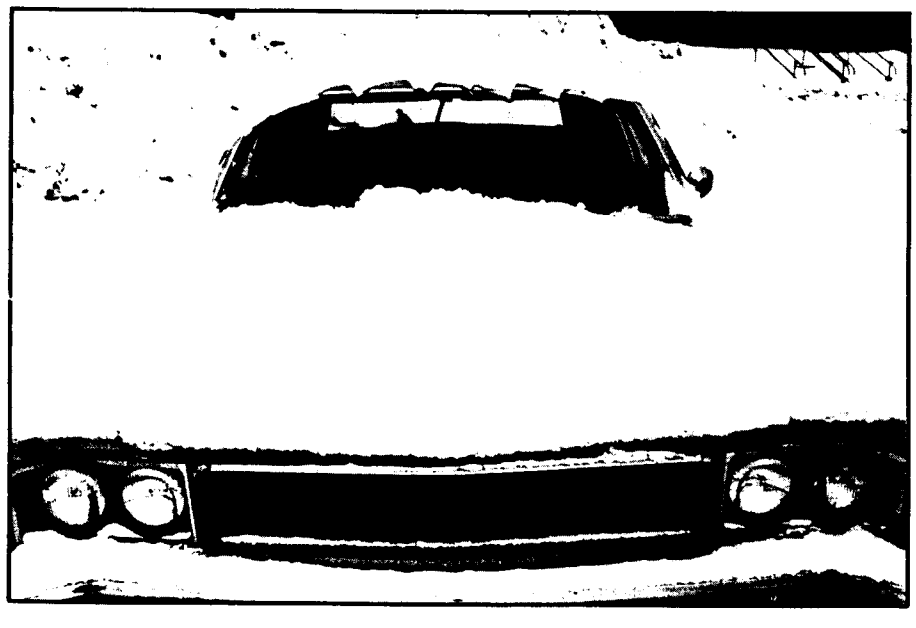
BROOKHAVEN NATIONAL LABORATORY





Season's Greetings



A 20th Century Chimney Sweep

"Are you a magician?"

Tots who see Mike Paquette in his black top hat and tails frequently ask that question. And Paquette often responds by pulling a quarter out of his hat. But when the kids press him to produce a rabbit, Paquette is forced to admit that he isn't a magician after all. He is a chimney sweep wearing the traditional uniform of his trade.

At work at BNL, Mike Paquette wears another uniform — that of a BNL Police Officer. BNL Police work 12-hour rotating shifts. They are also on call to cover emergencies and must be available as necessary for training. When Paquette considered taking on a second, part-time job to earn some extra money, he knew it would have to be something flexible, that wouldn't interfere with his first priority.

"I figured I'd have to start some kind of part-time business, but I didn't know what," he explained. "Then I read an article in 'Mother Earth News' about being your own chimney sweep. It mentioned a company in Connecticut that sold chimney cleaning equipment, so Bill Byrnes and I went up for a demonstration."

Bill Byrnes is also a BNL Police Officer. He and Paquette became partners, sharing the initial investment of about $3,500 to purchase the tools of their trade. The partnership ended amicably last month when Paquette bought out Byrnes' half of the business and became the sole owner of Fireside Chimney Sweeps.

Why did Byrnes and Paquette become chimney sweeps? "Coal and wood stoves were becoming big and people were becoming energy conscious and safety conscious," Paquette said. "At that time, there were only about eight chimney sweeps in all of Suffolk and we decided there were a lot more chimneys than they could handle."

Once they had their rods and brushes, the new sweeps had to learn how to use them. "We did about 20 free jobs for our friends," said Paquette. "Then we tried to generate business by advertising at low prices. I'd say it took almost six months before we were really confident of our ability. After the first year we had plenty of referral customers, and it has just about doubled every year since." Paquette estimates that about 30% of his business is from Lab people who have seen his ad in the Bulletin. The service normally costs $45, but Lab employees are charged $40.

For their money, Paquette's customers receive a thorough cleaning of their chimneys and stovepipes — with no mess. After donning a filtering mask to protect him from soot, Paquette lays out canvas to protect the floor and turns on a huge vacuum that inhales falling soot. Then, from the rooftop and on the ground, he uses long rods and brushes to scrape the creosote that builds up from fireplaces and wood stoves and the ash that accumulates from coal stoves.

Although he can keep the soot out of a home, Paquette cannot keep it off himself. "It's a pretty dirty job and there's not that much profit," he said. "That's why only a handful of people keep at it after three or four years. But I've been doing it for three years now and I really enjoy it. I meet a lot of people. My costume is a novelty to many of them and I often have my picture taken."

Chimney sweeps have worn top hats and tails almost since the profession came into existence. That happened around 1800 in England, when people began to realize that chimney fires, which were relatively common, were caused by dirty chimneys. The black top hats and tails hid some of the soot while giving the sweeps a certain elegance. Some of this finery apparently came from undertakers, while some came as payment from customers. Some chimney sweeps believe that wearing a top hat will save them from falling off a roof. Another superstition that evolved early on said that if a sweep cleaned your chimney, you would have good luck for a year — or at least no fires.

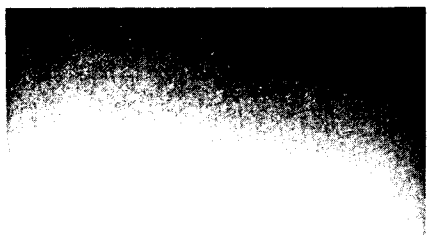
No fires — that's really the whole point of Mike Paquette's enterprise. In addition to the safety measures compiled on this page, Paquette suggests that a chimney from a fireplace or wood stove should at least be looked at after a cord of wood has been burned. Coal stoves, Paquette said, "should be cleaned every year, right at the end of the heating season." If ash is left in the pipes through the summer, and mixes with moisture, a chemical reaction can create an acid capable of eroding the pipes in just a year.

When chimneys are cleaned regularly, Paquette said, the average job should take less than an hour. But the build up in some of the chimneys he has done was so bad, the job took more than three hours.

In his work, Paquette gets to see more than dirty chimneys. Among his favorites was a Setauket mansion with a mantle made in 1657 that was imported from a French castle. "The houses I remember most are the old houses," he said, "and the ones I like to do are those right on the water. When I get up on the roof, I have a beautiful view."

With his ability to see the beauty instead of the soot, it may be that chimney sweep Mike Paquette is something of a magician after all.

— Anita Cohen



Doug Humphrey

Chimney sweep Mike Paquette takes a break from cleaning the chimney at the Recreation Building to send holiday greetings to Bulletin readers.

Doug Humphrey

The chimney of the Recreation Building in the apartment area provided Mike Paquette with a recent challenge. Here, he stands on the roof, about to begin his work.

Tips On Preventing A Chimney Fire

Creosote is a by-product of wood combustion. In fireplaces or wood burning stoves, creosote condenses out of the flue gases onto cooler surfaces, as a dark, sticky substance with an unpleasant odor. At very hot temperatures, creosote can ignite easily causing a chimney fire, the symptoms of which include dense, light gray smoke pouring from the chimney and a roaring sound inside of it. The intense flames generated can not only damage the masonry of the chimney, but can also threaten the rest of the house and the surrounding area. These tips on preventing a chimney fire were compiled from literature provided by chimney sweep Mike Paquette.

1. Don't burn trash in a fireplace, wood stove or furnace.
2. Never start a fire in a wood heat unit that is filled with kindling.
3. Don't stuff a dried-out Christmas tree into a wood heat unit.
4. Never put full draft on a large, restacked fire.
5. Check stove pipes and chimney flues periodically for creosote build up. Tap on the exterior of a stove pipe with a metal object. A metal ping indicates build up.
6. Inspect chimney regularly, either from the roof or using a mirror to look up through the chimney flue.
7. Hire a professional chimney sweep to clean and inspect your chimney once a year as recommended by the National Fire Protection Association (every six months if a wood burning stove is used regularly).

Food Service

The Vended Food Service in Building 912 will be the only food service available during the Christmas and New Year's holidays.

The Cafeteria will close at 2 p.m. on Thursday, December 23 and resume normal operations at 7:30 a.m. on Monday, January 3.

The Center Club Snack and Beverage Bar will be closed on Thursday, December 23 through Saturday, January 1, reopening at 5 p.m. on Sunday, January 2.

The Coffee Truck will not make its rounds on Thursday, December 23, due to the half holiday.

On The Cover

The winter scenes on the cover were taken by BNL photographers during the past five years. At the top left and bottom right are photographs by Doug Humphrey of ice sculptures formed by water spraying at the old Upland Recharge Project. Humphrey's picture of shielding blocks at the AGS, top right, records a 14-inch snowfall during January 1978. January the year before was just as snowbound, as evidenced by another Humphrey photo, bottom left. But in 1979, snowfall was way below average. Still, Alex Reben spotted an ice-covered tree, in silhouette against the dome of the HFBR (left, middle).

Last Sale Day

Today is the last day to take advantage of the Winter Holiday Sales at the Science Shop. The Science Shop, which is located on the west side of Bldg. 701, will be open today from 10 a.m. to 3 p.m. Please park in the north parking lot.

CREF Values

October	$47.61	November	49.61
December	48.33	January	47.49
February	44.88	March	44.48
April	46.32	May	44.53
June	43.34	July	42.41
August	47.05	September	47.32
October	52.59		

November $54.78

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for the employees of
BROOKHAVEN NATIONAL LABORATORY

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Nursery School

The Upton Nursery School has a limited number of openings for the spring term beginning January 3. The school is located on site in the housing area, and classes are for three and four-year-olds, two or three mornings a week.

For applications, call the co-presidents, Donna and Robert Miltenberger, at 924-0590, or the enrollment chairperson, Dorey Panno, at 924-5495.

Bulletin On Vacation

Due to the Christmas holidays and the Lab-wide shutdown from Christmas through New Year's, the Bulletin will not be published again until January 7, 1983. The deadline for classified ads for that issue is Wednesday, December 22.

Speakers Bureau

Homer Ghaffari (DEE), Long Island Chapter of Construction Specification Institute, The Brookhaven House, September 23.

Edward Murphy (PE), North Shore Lioness Club, Home Energy Conservation, September 28.

Homer Ghaffari (DEE), New York State Masonry Association, The Brookhaven House, October 2.

Lewis Jacobson (PE), Centereach Rotary Club, Energy Conservation, October 5.

E. Gail Williams (DO), High Technology and Employment Conference at SUNY at Farmingdale, High Technology and Women in Employment, October 22.

R.C. Anderson (DO); **William R. Casey** (S&EP), Friends World College, Nuclear Power, November 15.

Martin Plotkin (Accel.); **Ruth Wright** (Bio.), Boy Scouts of America/Smithtown Rotary Club Career Day at Smithtown High School, Careers in Science and Engineering, November 16.

Eva Bozoki (NSLS), **Judith Katsin** (Med.) **Marian LeFevre** (Med.), **E. Gail Williams** (DO), Suffolk County Community College Career Counseling Day, November 17.

Prantika Som (Med.), Suffolk County Community College, Principles of Nuclear Medicine: Basic and Applied Aspects, December 1.

R.C. Anderson (DO), Long Island College Energy Managers, Energy in the Future, December 1.

Martin Plotkin (Accel.), Southside Senior High School "JETS", Careers in Engineering, December 7.

Betty Heldman (Med), North Babylon High School, Careers in Biology, December 14.

In Memoriam

John C. Sammis, a Tool & Instrument Maker group leader, died on December 12 at the age of 56. He had been with the Laboratory since June 23, 1958. He was a resident of Mattituck, and is survived by his wife Clara, a son John and a daughter Zena.

Mort Rosen

WIN A DINNER FOR TWO. To be eligible to participate in the drawing for a dinner for two at the Country House in Stony Brook, all you have to do is sign up and show up to donate at BNL's pre-holiday blood drive. To give blood next Monday or Tuesday, December 20 or 21, just call Len Emma, chairman of the BNL Blood Drive program, or coordinator Elaine Liguori, at Ext. 3334. Shown here are some who made early pledges: (seated, from left) Fred Hohmann, Fiscal; Laura Sbarra, head of the Occupational Medicine Clinic; Ed Skrezec, Staff Services; Pat Taylor, DEE; (standing, from left) Mark Israel, AUI; Elaine Liguori; Gerry Blackford, Budget Office; Len Emma.

The Perfect Tree

If you're about to choose your Christmas tree, the Cooperative Extension Association of Suffolk County suggests three simple tests for selecting a tree that will stay green and fresh throughout the holiday season:

- Bend a needle on the tree to see if it is resilient.
- Bump the base of the tree on the ground. In most cases, if the needles do not fall, the tree is fresh.
- Feel the bottom of the stump for a sappy moistness.

Tree Safety

Your Christmas tree should be beautiful, but it should also be safe. Without proper care, the lights that make your tree lovely could also make it a hazard. To prevent electrical shock, or a fire from electrical failure or a short circuit, the Cooperative Extension Association of Suffolk County suggests checking to be sure all tree lights and extension cords have an Underwriters label and are in good condition:

- Place lights on the floor and straighten out all kinks in the wiring. Then check for broken insulation or damaged bulb sockets. Discard any damaged strings, but save the bulbs. Do not attempt repairs with tape.
- Plug into an outlet and check for faulty connections.
- Unplug the string before placing it on the tree. Work down from the top of the tree.

Service Awards

The following employees received service awards during the month of December:

Thirty-Five Years

Wm. A. Higinbotham ..... DNE

Thirty Years

Herbert J. Kouts ..... DNE
Paul W. Levy ..... Physics

Twenty-Five Years

Tage G. Carlsson ..... Plant Eng.
Ottilie B. Figluizzi ..... Medical
Leonard Newman ..... DEE
George M. Penny ..... Reactor
Helmuth Thorwarth ..... Accelerator

Twenty Years

William C. Crockett ..... Biology
James L. Davis ..... S&E Prot.
Frank E. Fridrich ..... Plant Eng.
John J. Green ..... Central Shops
J. Dennis Klein ..... Physics
William H. Kollmer, Jr. .... Accelerator
Anthony P. Meade ..... Physics
William G. Sieger ..... Accelerator
George W. Speidell ..... Accelerator
Bernard L. Stepnoski ..... Accelerator
John A. Wilcenski ..... Accelerator

Ten Years

I. Hung Chiang ..... Accelerator
Thomas F. Koetzle ..... Chemistry

Arrivals & Departures

Arrivals

Victor Cassella ..... Plant Eng.
Eugene Findl ..... Energy & Env.
Robert B. Foley ..... Plant Eng.
Christina H. Freund ... Energy & Env.
Antonio E. Piotrowski ..... Physics

Departures

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

George J. Fischer ..... Nuclear Energy
Emma R. Ginorio ..... Fiscal
Thomas J. Killian ..... Physics

Mort Rosen

Some members of the Physics Department recently observed BNL anniversaries. Pictured above are (bottom row, from left): Peter Bond (10 years), Ralph Shutt (35 years), Mary Simack (20 years), Marjorie Homan (35 years), Theresa Biamonte (10 years), John Guthy (20 years), Robert Liegel (20 years); (top row, from left): Frederick Paffrath (25 years), Craig Thorn (10 years), Edward Bihn (20 years), Robert Lindgren (35 years), Mario Manni (20 years), Theodore Erickson (20 years), and Serban Protopopescu (10 years). Absent from photo: Robert Chrien (25 years), Daniel Visconti (10 years) and Michael Creutz (10 years).

Christmas Concert

The BNL Singers will present their annual Christmas Concert at lunch time, in the Cafeteria on Wednesday, December 22. On that day, the cafeteria staff will prepare a special holiday menu. The Carolers will perform for patients at the Medical Research Hospital around 2 p.m. and complete their tour at the Director's Office.

Volleyball

Mixed League

A Division

Dinkers	5-1
EPO's	5-1
Mixed Ups	4-2
Teddybares	4-2
Nuclear Wastrels	0-6
Nuts & Bolts	0-6

EPO's over the Nuclear Wastrels, 15-2, 15-6, 15-6. Mixed Ups over the Nuts & Bolts, 15-11, 15-4, 15-8. Dinkers over the Teddybares, 15-10, 11-15, 15-1.

B Division

Standings as of 12/13

Phoubars	15-3
TNT	17-4
UpFagrabs	14-4
Semi Tough	12-6
Screwballs	7-8
Puff & Stuff	8-10
Chungas Revenge	5-10
Nuke Yorkers	7-14
KMA	6-15
Quirks	2-19

Open League

1st Quarter Final Standings

Phoenix	20-0
Raiders	16-4
Brewmasters	8-12
FRE8D	8-12
Half Lifes	6-14
Random Errors	2-18

Bowling

White League

J. Roesler bowled a 241, J. Ferrante 204/225, T. Erickson 203, R. Scheidet 203, M. Scheidet 172/185. The Pinsplitters are in first followed by the Old Timers. D. Adams converted the 6/7/10.

Red/Green League

High games were bowled by R. Wiseman 247/214/620 scratch, R. Jones 212, E. Meier 208, A. Pinelli 206, W. Kristiansen 204, K. Asselta 203, E. Sperry IV 203, J. Cochrane 202, N. Tyler 202, J. Connelly 202.

Pink League

M-G Meier rolled a 180, D. Johnson 180, S. Moore 175, C. Beckner 173, R. Rosati 170.

Purple League

The Good Times are in first followed by the Pen Macs. High games were bowled by G. Spira 214/224/596 series, A. Pinelli 212, B. Benson 210, C. MacDougall 196, K. Riker 204/567 series, D. Stonebridge 191, D. Feitler 181, M. Haller 181.

Cafeteria Menu

Week Ending December 23, 1982

Monday, December 20

Cream of chicken soup	(cup)	.65
	(bowl)	.75
Salisbury steak w/1 veg. & mushroom gravy		1.85
Ham and noodle au gratin		1.85
Hot Deli — Corned beef	(bread)	1.85
	(roll)	1.95

Tuesday, December 21

Beef barley with vegetables	(cup)	.65
	(bowl)	.75
London broil & 1 veg.		2.10
Fettucine w/tomato sauce & 1 veg.		1.85
Hot Deli — French toasted ham & cheese		1.75

Wednesday, December 22

Christmas Special

Prime rib of beef or rock cornish hen
Baked potato w/sour cream or rice pilau
Stringbeans almandine or glazed baby carrots
Cup of tea, coffee or small soda
$3.85

Thursday, December 23

French onion soup w/croutons	(cup)	.65
	(bowl)	.75
Breaded fish fillet & 1 veg.		1.85
Meatballs Stroganoff on white rice		1.85
Hot Deli — Turkey breast	(bread)	1.85
	(roll)	1.95

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. 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 Personnel Placement Supervisor, Ext. 2882.

The vacancies listed below have been exempted by the Director's Office from the current freeze on open requisitions.

SCIENTIFIC POSITIONS OPEN: The following staff positions are open. Candidates may apply directly to the department representative named, or through the office of Scientific Personnel, Ext. 3338.

SOCIAL SCIENTIST - Seek candidates with research experience in social science discipline to perform analysis of organizational and sociological factors which contribute to human behavior and performance in nuclear power plants. In particular, experience in systematically analyzing and evaluating training plans and programs, and development of performance measures, would be desirable. Contact: R.A. Bari, Department of Nuclear Energy.

ENGINEER - Seek Ph.D. or equivalent experience in Nuclear, Mechanical or Chemical Engineering, to join program involving the assessment and application of the NRC best-estimate reactor systems codes such as TRAC, RELAPS and ROMONA. Knowledge of reactor physics, numerical analysis and computer systems desirable. Contact: R.J. Cerbone, Department of Nuclear Energy.

Boats & Marine Supplies

20' SAILBOAT - 1978 O'Day, KCB 3 sails, engine, many extras, like new. 289-0925.

22' SAILBOAT - Venture, Flotation trailer, 4 hp Merc., $4,800. 727-5527 eves.

KAYAK PADDLE - & air bags, asking $180. Ext. 2521 or 928-8379 eves.

EVINRUDE - MFG 14', 25 hp, $875. Ron, Ext. 7989 or 289-1003.

18' GARVEY - w/40 hp Johnson, good cond., sale, $600 for both. John, Ext. 3292 or 286-1348.

Free

PUP - lovable, female mutt, looking for home in time for holidays, has license. Ginger, Ext. 2874 or 286-9257 eves.

SIAMESE CAT - purebred, spayed female, 3 yrs. old, house broken, affectionate, good with children, owner allergic. 924-3281 eves.

Miscellaneous

MINK CAPE - Azure stole, worn 3 times, great Xmas gift for wife or girlfriend, $500 firm. 286-1152.

BUNNIES - born Oct. 6, easy care, perfect Xmas gifts, 5 avail. immed., $8 ea. includes supply of food. Adam, Ext. 3533.

CHINA DOLLS - (8), all handmade clothing, $45-$110, must see, proceeds to help needy children. 281-0639.

TENNIS RACKET - Prince Pro used 3 times, 4-1/2" grip, $75; Atari video game, 10 asst. games all in orig. boxes, sell together or alone. 734-5403 after 6 p.m.

MAPLE SYRUP - 286-9450.

ACCORDIAN - 120 Bass, good cond., $85. 878-1817.

CHRISTMAS WREATHS - & ornaments for tree, handmade, come see my beautiful stock, Hill, Dayton Ave, Manorville. 878-0026.

FLUTE - Gemeinhart, closed hole, student model, silver plated, good cond. Pete, Ext. 4363 or 924-7238.

SPEAKERS - Radio Shack, new, 40 watt, $40/pr.; stereo amplifier, 10 watt, $10. Frank Rump, Ext. 4581 or 981-2529.

RAGGEDY ANN & ANDY DOLLS - handmade, $20; 17 cu. ft. freezer, $100. Ext. 4098 or 281-8318.

AQUARIUM CLOSEOUT - wholesale prices, 8", 10" heaters, bubblers, bridges, divers, plastic plantings. Annamarie, Ext. 2352 or 473-9016.

XMAS TREE - 6-1/2' Sears, artificial, $20. Walt, Ext. 7154.

G.E. SEE & PLAY - child's phonograph w/TV-like pictures, many records. Ext. 3392 or 475-8330.

ELECTRIC RANGE - G.E., 220 V, white, self clean, $75. 286-8119.

SKI BOOTS - women, size 6-1/2, Munari 3 buckle, $15. head skis, 200 cm, $15. Ext. 2906 or 929-6189.

FISH TANK - 55 gal., fully equipped, stand, filter, pump, hood, gravel, $95. Ext. 7187 or 981-9474.

BEDROOM SET - 3 pc. antique, $130; antique vanity, $40; couch, 90", beige, $30; china cabinet, Ball-foot, $525; queen waterbed w/heater, $65; exterior door, 3.0x6.8 crossbuck w/9 lites, $25. 924-4685.

LADIES DIAMOND SET - large, $350; ladies gold ring, $75; sterling silver set for 8, $1,250. 475-0144.

SKI BOOTS - ladies size 8; water bed, never used. Laura, 924-5533.

8 TRACK PLAYER - Panasonic; b/w TV. Ext. 2950.

SNOWPLOW - attachment for Snapper riding mower. 473-8426.

LADIES BIKE - Ross Gran Tour II, 10 spd., lightweight, new, $160. Ext. 3890 or 924-4250.

WINTER COAT - ladies size 13-14, almost new, $20; Smith Corona typewriter, super sterling, almost new, $125. Wick, Ext. 4372 or Chandra, 924-0582 eves.

CABLE TV DESCRAMBLER - new, $169. 654-1731.

SOFABED - modern design, black vinyl, good cond., foam mattress, $100. Bernie, Ext. 4842 or 331-2298.

BIRDS - parakeets, exotic colors, cockatails, normals, all young and reasonable. 265-1072.

GOLD CLUBS - Spalding Executives, 1, 3, 4, & 5 woods, very good cond., $100. Dan, Ext. 4605.

ANTIQUE PIANO - Peek & Sons, $350; SP-gas lawn mower, $30; Sears 9 gal. humidifier. 821-9086.

CRIB - wicker dressing table; walker; high chair; good cond., $200 or best offer. Claudia, 399-3588.

PHOTOGRAPHY STUDIO EQUIPMENT - flash heads, umbrellas, flash meter, stands, carrying case and more, $280. Rick, Ext. 7585.

HANGING LAMP - wrought iron & wood, 4-lite, $25 or make offer; wrought iron wall candelabra, very heavy, holds 6 candles, $10. Lois, Ext. 4904 or 929-4753.

CARPET - wall-to-wall, 12'6"x10', plum, very good cond., $80. Ext. 2909 or 473-3202.

FLEXING EXERCISER - navy canvas, $10; air purifier, $5; both excel. cond. Ed, 585-2088.

ELECTRONIC ORGAN - Sears, double keyboard, 4 yrs. old, $225. 727-5026.

GATE - 5' chain link, self closing, good cond., all hardware incl., $40. Victor, Ext. 2395.

RADIO - Cadillac, am/fm stereo with signal seeker bar, excel. cond., $50. B. Azzara, Ext. 2050.

ANTIQUE SETTEE - Victorian style, best in show 1982 World's Fair, mother of pearl in laid, $500. Ext. 4188 or 363-5170.

MOUTON LAMB JACKET - sizes 14-16, good cond., brown, $75. 475-0144 after 6 p.m.

INTELLIVISION GAME - with 8 cartridges including Starstrike, Astromash, etc., hardly used, $200. Al, 475-2842.

PING PONG TABLE - large, 5'x9' portable on wheels, can be folded, like new, $50. 589-2681.

HOT DOG TRAILER - 9'x7', steam table, h/c water, refrig., bathroom, extras, $3,000. 273-4267.

BICYCLE BUILT FOR TWO - Tandem Colombia, fully equipped, excel. cond., red/white. Ext. 2459.

BASF BLANK CASSETTE TAPES - C-90 CrO_2, good stocking stuffers, $2.75/ea. Ext. 2521 or 928-8379 eves.

ARM CHAIR - reclining; Cuisinart; boys bicycle; sofa; Black & Decker drill; last chance. Debora, Ext. 3419.

RECLINER - white velour, new $160, asking $60. LT9-2100

ATARI GAME - with 3 cartridges, all with orig. boxes, $135. 878-0516 after 6 p.m.

TREE CLIMBING DEER STAND - $20; Nordica ski boots, ladies sz. 6, $35. Ext. 4312.

PROJECTOR CAMERA - 8mm, home movies, Editor floodlights, screen, $60; vaporizer, cold water type, humidify your room, $10; BetaMax head cleaner by Scotch, $5. 698-3822 eves.

AQUARIUM - 70 gal. with stand, cover and acces., $75. Ext. 7149 or 473-3151.

CAMERA - Polaroid SX70 with flash and case, $90; Bell & Howell slide projector, zoom and remote, $75; Atari "Pong," $8. Call 286-0259 after 4 p.m.

REFRIGERATOR - Frigidaire, bottom freezer, frost-free, coppertone, very good cond., $125. 473-6546.

HOST CHAIR - fan back, dark wood w/brass hobnail trim, blue & cream stripe material, $50. Clarence, Ext. 3357.

PIANO - Wilbur upright, ivory keys, excel. mech. cond., $375. George, Ext. 4227 or 751-0894 eves.

KEROSENE HEATERS - Radiant King, 8,500-20,000 BTU discount prices, factory-sealed cartons, guaranteed. Jim, 924-7665 eves.

CAMERA - Polaroid, one step, never used, $15; Estey organ, $130. John Ruscica, 924-6809 after 5 p.m.

PUPPIES - English Cocker, born 9/26/82, ready for Christmas, 1 male, 1 female, blue roan, black and white, champion, 4 show bloodlines. 286-1662 eves.

SOFA AND CHAIR - Early American, herculon fabric, wood trim, ideal for playroom or students. Bruce, Ext. 5091.

BEDROOM - dresser with five drawers, matching night stands with drawers, & 2 lamps, $100. Rick, Ext. 4100.

AQUARIA - (2) 20 gal., $5 ea.; healthy Rainbow boa; single bed with headboard; deadbolt lock. Ext. 3600 or 289-8182.

TONEARM SME-3 - $125; stereo cartridge Shure V15-3, $35; aquaria, 20 & 5 gal., $45, make offers. Rick, Ext. 3051.

COLEMAN STOVE - new, never used, 2-burner, best offer; Magnavox ODY^2 videogame plus 5 cartridges, $100. 475-8456.

DINING RM. SET - walnut table w/leaf, table pad plus 4 chairs, $150. George, Ext. 4227 or 751-0894 eves.

MEN'S CLOTHING - Florsheim shoes, 11½ D, brown slip-on; Aquascutum wool sport coat, 42 L, brown plaid; $25 each. Ext. 5154.

3 TON COAL BIN - 4'x8'x5', heavy const., $100. Ken, Ext. 5042 after 6, Carol, 289-3917.

SKI PANTS - men's stretch, dk. blue, 34-R, never worn, $80. Ext. 4727.

BED - single, mahogany inlay, excel. cond., $75; foyer table, mahogany w/glass top, old, excel. cond., $100. 475-2587 after 6 p.m.

ELEC. GUITAR - $75; 2 c/h, amp. w/ reverb., $100; Hofner, 12-string guitar, $125; also P.A. system. 475-8456.

TYPEWRITER - IBM Correcting Selectric, 3 yrs. old, excel. cond., $725, hardly used. Ext. 3827 or 981-9584 eves.

ACOUSTIC GUITAR - 12 string - Yamaha, never used, excel. cond., w/case, $160. 821-9548.

AKAI TURNTABLE - Gerard receiver, 2 Pioneer speakers, 200 watts per channel, 1982 models, $1,300 value - $650, must sell. 981-8741 after 4:30 p.m.

CARRIAGE - Perego, burgandy, converts to stroller, $75; Century baby walker, $8; infant carrier, $5. 582-9546 or 399-4172.

KONICA - 28mm, wide angle lens w/case, $25. Tony, Ext. 4278.

TRAINS - Lionel, any "0" gauge or "027" gauge cars, track and equip.; Westinghouse refrigerator, frost free, excel. cond. Frank, Ext. 3120.

SPACE HEATER - drapery rods, Corningware, misc. household items, all brand new, used toys, excel. cond. S. Spark, Ext. 4111.

DINGO BOOTS - sz. 8, leather, used, best offer; Dunn & Co. rain hat, sz. 7-1/4, never worn, $10; ice skates w/boots, sz. 4, $10 best offer. Ext. 2914.

XMAS TREES - $12 & up, 198 Carman St., Patchogue; pillows, E.T. & Strawberry Shortcake, $3 & $5. 289-8212.

SEWING MACHINE - Singer, $75; double bed, $75; dinette set, $100; toaster oven, $15; Kitchen Aid coffee grinder, $25; 2 table lamps, $25 ea, couch; upholstered chair; Gerrard auto turntable; pole lamp. 744-6874.

CAMERA LENS - Soligor combination 2x multiplier & Macro extension tube, Pentex mount, like new cond., $35. Ext. 4153 or 732-5829.

CHILD'S DESK - metal frame w/attached swivel seat, excel. cond., $35; G.E. toaster oven, new, never used, $25. 821-1042.

HOME COMPUTER - Commodore Pet, 8K, basic, b/w monitor, recorder, games, $350. J. Sondericker, Ext. 4737 or 924-6512.

CHRISTMAS TREES - Live, Blue/Green Spruce to 20 ft. tall. Cut while you wait. Jim, 286-0024 or 289-0876.

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

BAYPORT - 1-1/2 acres, 3 bdrms., l/r, kit., 2 car garage, partially furn., oil hot water, $140,000. 472-2633 after 6 p.m.

CORAM - 2 yr. old ranch, 3 bdrms., eik, d/r, l/r, garage, completely landscaped, fenced in backyard, 15 min. to Lab, $52,000 assum. mort., FHA 235 (4%) if qualified. Ext. 4289 or 736-6489 after 5 p.m.

ROCKY POINT - contemporary ranch, 3 bdrms., d/r w/skylite, Anderson windows, att. garage, full basement, oak floors, maximum insulation. 821-1460 or732-8216.

For Rent

MANORVILLE - Pine Hills, 1 bdrm. chalet, avail. Feb. 1st, extras include f/p, dishwasher, garage & prime location, 10 mins. to Lab, $420/mo. inc. heat, golf, tennis, pool. 654-3041.

PORT JEFF. STA. - 2-1/2 rms., carpeted, front ent., util. included, security, $400/mo. 473-9180.

SHIRLEY - 1 bdrm., furn. apt., all util. incl., walk to beach, use of washer & dryer incl., $400/mo. 399-0327.

SOUND BEACH - spacious 1 bdrm. apt., full bath, sun porch, yard, walk to beach, $430/mo. incl. util. Rose, Ext. 7908 or 744-3160 after 6:30 p.m.

BELLPORT VILLAGE - south, near bay & stores, mid-Feb.-June 1983, completely furnished beautiful home, rent negotiable to responsible tenant. Ext. 2959 or 286-0379.

VERMONT - 3 bdrm. house, f/p, fully equipped, beautiful view, x-country & downhill skiing, reasonable vacation, family oriented, avail. wk./wkends. 732-6499 after 6 p.m.

STONY BROOK - 3 bdrm. ranch, l/r, d/r, eik, 2 baths, 2-car garage, close to SUNY/Three Village S.D., avail. Feb. $600/mo. + util. 751-4868.

Carpools

BABYLON/WEST ISLIP - driver needed for 4 person, on time carpool. Ext. 2500.

PORT JEFFERSON - non smoking, 5th driver for established flexible pool, 8:30-5:30. Bill, Ext. 4505.

PATCHOGUE - on time pool, opening for paying rider, Alyce. Ext. 2902.

PATCHOGUE - between Rt. 112 to Waverly, 495 to 27A, 3 person carpool needs 4th rider/driver, 8:30-5:00. John, Ext. 4615 or 475-6981.

RONKONKOMA - driver to join 3 person pool, LIE Exits 59, 60 & 61. Victor, 2395.

Wanted

VOLUNTEERS - in Port Jefferson Sta./Terryville area to give one hour a week to help pattern a brain damaged boy. No prior experience needed. Edy Thornhill, Ext. 3336 or 473-9379 eves.

HOUSEMATE - mature woman to share house with female, Patchogue area, $200/mo. 289-1619.

LARGE VISE - for metal working. John, Ext. 4976 or 744-4386.

FURNITURE REFINISHER - someone to refinish used furniture. Ed, 585-2088.

WORKING WOMEN - new members for business and professional women's club. National and International Affiliations. Alyce, Ext. 2902.

YOUNG MAPLE TREES - to be taken down for wood, free, need power saw. 878-2516.

FUEL OIL - converted to natural gas heating will buy your unused fuel oil for cash. Don, Ext. 7902.

TO RENT - 1 or 2 bdrm. house or apt., Riverhead area, need for Feb. 1st, reasonable. Sheree, Ext. 2907 or 727-3167 eves.

PERSONS INTERESTED - in skiing at Catskill Resort, Dec. 27-30, $165 incl. transp., meals, accom., open bar. Kathy, 281-5605.

RIDER - driving to Cleveland, want rider to share expenses, leaving 12/23, returning 12/29. Ext. 3354.

HOUSE SITTER - friendly dog tender, Dec. 24-27, live-in or close by, Shoreham-Wading River. Andy, Ext. 4210.

HOUSE SITTER - responsible, mid-Feb.-June 1983, beautiful Bellport Village home near bay and stores. Ext. 2959 or 286-0379.

CONVERTER - 12V to 110V. George Hrabak, Ext. 3536.

SNOW TIRES - 12", on or off wheels, for Honda Civic. Hobie, Ext. 4238 or 286-3509.

TO RENT - 2 bdrm. house or apt., Bellport/Brookhaven area. John, Ext. 3292 or Audra, 286-1348.

METRONOME - for pianist, any condition. Ext. 4475 or 929-3251.

TO RENT - 2-3 bdrm. house or apt., Shoreham-Wading River preferred. 821-9086.

CARTRIDGES - Intellivision, willing to buy used cartridges at reduced prices. Pat, Ext. 2939.

SALESPERSON - part time only. 732-6647 for interview.

PEOPLE TO SKI - Engelberg, Switz., Mar. 25-Apr. 2, $1,075 includes airfare, transfers, food, lodging & skiing. 744-5161 after 6 p.m.

LADDERS - step & extension, good cond., reasonable. Jag, Ext. 5080 or 751-1884.

8 TRACK DECK - Sony, Ampex, tape, good make, any cond., can repair. George Hrabak, Ext. 3536.

Lost & Found

FOUND - beagle, male, inside Bldg. 197D last Friday, being boarded temporarily, but must find new home today or dog must go to pound. Sonja, Ext. 2902.

Services

Services are listed as a courtesy to BNL employees. They are neither screened nor recommended by the ***Bulletin****.*

FIREWOOD - split, seasoned oak, 4'x16'x18", $110 delivered. 732-2849 after 6 p.m.

BOARDING - dogs, indoor/outdoor runs, cat facilities, grooming, all breeds, Lab discount. Tony, 288-3535.

SECRETARIAL SERVICES - mass mailings, resumes, reports, letters, accurate, quick service, top quality. Colette, 744-2816.

HOUSE PAINTING - interiors, winter discount, professional, insured, many BNL references. Bob, 289-7657 after 6 p.m.

SHEET ROCKING & SPACKLING - free est. Kevin, 567-6651.

CHILD CARE - my home in Bellport, lots of TLC, any age, infants welcome. 286-2435.

PLUMBING AND HEATING - Lab discount. John, 654-8189.

CARTOONIST - avail. for your party, Santa or snowman avail. to entertain, reserve now. Klein, 878-9256.

FIRESIDE CHIMNEY SWEEP - fireplaces, wood, coal and oil flues, dustless removal, insured, Lab discount. Mike, 732-6874.

PHOTOGRAPHER - weddings, all occasions. Rick, Ext. 3803 or 467-1090.

CATERING - personalized to suit affair, best deli foods. 473-6432 eves.

CHILD CARE - my home in Bellport, lots of TLC, any age, infants welcome. 286-2435.

TRUCK FOR HIRE - no job too small, Lab discount. 281-5445.

WATERPROOFING - all work guaranteed in writing, over 15 yrs. experience, free est., Lab discount. 281-5445.

EXTERMINATING - licensed men, guaranteed in writing, over 15 yrs. experience, free est., Lab discount. 281-5445.

BLINDS - verticals, minis, wovenwood shades, discount prices, complete installation. Tony, 928-9241.

PLUMBING AND HEATING - Lab discount. John, 654-8189.

BABYSITTER - your children in my home, No. Bellport area, mature & experienced. 286-4005.

MOTHER'S HELPER - mature 15 yr. old willing to babysit and do housecleaning, lots of experience. 744-3919.

PAINTING - panelling, carpentry, free est., references. John, 924-5012.

WALLPAPERING - & painting, exper. with refs., reasonable. Ext. 4070 or 475-7272.

HOUSEKEEPER & BABYSITTER - seeking employment, No. Shore area, exper., own car. Ext. 3744 or 821-9781.

ELECTRICIAN - licensed, complete wiring for the home. Carmen Stasi, 981-6022.

PROFESSIONAL DJ - avail. for X-mas parties, New Years Eve, Fire Depts., school events, all styles music, fantastic light show. 286-8862.

LOSE WEIGHT - the natural way, 100% guaranteed. 744-2715.

CLUB PATCHES - embroideed type for all clubs, you design or we can. Ellen, 472-1500, 9:00 - 5:00.

GENERAL CONTRACTOR - carpenter, extensions, dormers, garage conversions, bsmts, decks, kit., licensed. Jim, 698-2501.

CARPETS INSTALLED - repaired, quick dependable service, free est., Jim, 821-0187 after 5 p.m.

TAPING - spackling, exper., reasonable. Bill 286-8185.

LIMO SERVICE - luxury chauffered for proms, weddings, airport or night out. Roy, Ext. 4664 or 744-8779.

BUY FURNITURE THRU A CATALOG - & save, all periods avail., w/exper. decorators. 929-3545.

CHILD CARE - working mothers leave your child w/another mother, TLC, any age, infants welcome, my home. 399-4122.

HIGH SCHOOL JUNIOR - looking for steady misc. jobs in Bellport area. 286-3742 eves/weekends.

CONVERTED TO NATURAL GAS HEATING - will buy your unused fuel oil for cash. Don, Ext. 7902.

Ads left out of this issue due to lack of space need not be re-submitted to appear in next week's issue. Please note that ads may not be more than 15 words long and must be received in the Bulletin office by 4:30 p.m. Friday, for inclusion in the following week's Bulletin.

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