

# News Reviews & Comment

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## Dr. de Planque Sworn in as Fifth Commissioner



AFTER THE EARLY DECEMBER SWEARING IN OF DR. GAIL DE PLANQUE, standing right, the Commissioners posed for a new formal portrait. They are, seated, left to right, Commissioner Kenneth Rogers, Chairman Ivan Selin, and Commissioner James Curtiss; standing, Commissioner Forrest Remick and Commissioner de Planque. The Commission now is at its full, five-member strength for the first time in eighteen months.

*What's in NR&C? Read about the "image" of the NRC in "Ask the Chairman" on Page 3. Also about a Region V inspector/instructor on Page 7. See also a review of the year in words and pictures beginning on Page 12. For more, see the index on Page 2.*

# Take Note

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## Plan Ahead

**January 7.** Diet Workshop classes begin. Noon to 12:45 pm. White Flint. Call 492-7098 for information.

**January 16.** Tax Seminar. Noon until 1 pm. 2F17-21. Sponsored by EWRA and EPCU.

**January 17 -19.** Ski Trip to the Poconos. Sponsored by EWRA. Call 504-1732 for reservations.

**February 13.** Trip to London. Sponsored by EWRA. Call 504-1732 for information.

**May 21.** Shear Madness. At the Kennedy Center. Sponsored by EWRA. Call 504-1732 for information.

**June.** Trip to Walt Disney World. Sponsored by EWRA. Call 504-1732 for information.

Coming. Miss Saigon.

## Comings and Goings

Recently hired employees who have reported for duty at Headquarters and in the Regions, according to the Office of Personnel, include:

**Office of the Controller:** Charlotte Turner, senior budget analyst.

**Office of Personnel:** Patricia Whitten, secretary (typing).

**Region I:** Stephen Holmes, health physicist.

### Departures

Those who left the Agency during the

same period included the following persons:

**Advisory Committee on Reactor Safeguards:** Linda Jahandari, secretary.

**Office of Administration:** William Person, bindery worker (retired).

**Office of the Controller:** Kia Jackson, secretary.

**Office of Nuclear Materials Safety and Safeguards:** Everett Wick, senior materials engineer (retired).

**Region III:** Faith Bathje, voucher examiner (retired).

### Clip and Save

## 1992 Federal Holiday Schedule

New Year's Day .....	Wednesday, January 1
Martin Luther King, Jr.'s Birthday .....	Monday, January 20
Washington's Birthday .....	Monday, February 17
Memorial Day .....	Monday, May 25
Independence Day .....	Friday, July 3
Labor Day .....	Monday, September 7
Columbus Day .....	Monday, October 12
Veterans' Day .....	Wednesday, November 11
Thanksgiving .....	Thursday, November 26
Christmas .....	Friday, December 25



NUREG/BR-0066

Ann Thomas, Editor  
Doris Day, Editorial Assistant

NR&C is your newsletter, designed to publish information of interest to all NRC employees and retirees. Please send your news, suggestions, and comments to Ann Thomas, NR&C, OEDO, 17G21, or call 504-1732. The deadline for submitting material is the 15th of the month for the next regular issue. The staff reserves the right to edit all material submitted. Extra copies of each issue of NR&C are usually available upon request. Please call 504-1732 or 504-1719.

## Ask the Chairman!!

by Ivan Selin

Your questions continue to come in, and I'm happy to be able to continue answering them. I have received quite a few, so it may take a while for some of the answers to appear here. But be patient. They will be coming.

**Question:** What exactly is the role of the Inspector General? (This question appeared in several different ways in several different letters. This answer applies to them all.)

**Answer:** Several years ago, Congress decided it needed more objective and independent information about what was going on inside government operations, so it established, by law, the position of Inspector General at virtually every government agency, including the NRC. The Inspectors General are appointed by the President, subject to confirmation by the Senate. They report to the heads of their respective agencies (the NRC Inspector General, David Williams, reports to me) but send their findings to the Congress as well as to their agency head. As at other agencies, the Office of the Inspector General here looks into matters of possible waste, fraud, and abuse within NRC; we take a broad definition, to include "efficiency" and "effectiveness" as synonymous to "waste." Each year the IG prepares a report on the work it has done -- inspections and audits conducted and the findings -- and submits that report to Congress. (At the same time, I submit a report, prepared by the staff, detailing what the Agency has done in response to concerns raised by the OIG.)

Congress wanted to make the IGs independent of the organizations they oversee, and they are. However, there is a group that oversees the overseers. The IGs serve on the President's Council on Integrity and Efficiency in Government, and that organization handles any complaints that are made about the IGs themselves.

**Question:** The NRC's organizational performance frequently has been criticized by the nuclear power industry (most particularly in the recent regulatory impact survey), an industry which the NRC aggressively expects to have strive toward excellence. Further, a Spring 1991 article in *Fortune* magazine (a summary of which was provided in *Inside NRC* ...) listing the "most respected" and "least respected" government agencies rated the NRC as a 3.0 on a scale of 6.0 to 5.0. While this performance rating is better than most government agencies, it is NOT THE BEST! That ranking [of most respected agencies] has been [achieved by] the Federal Reserve Board, NIH, and several other agencies [that had] an overall rating of 3.8 [or higher]. Now that you have had time to evaluate our overall performance as an agency, how do you think we do? More importantly, how do you think we can get better?

**Answer:** There's nothing that I'd like better than to have the NRC ranked one of the most respected agencies in the country. I think we deserve it, and maybe the next time *Fortune* does a ranking, we will be on top. However, the Commission's first goal is to ensure that we do our job well so that the United States continues to have the world's safest nuclear power plants and the safest use of all licensed nuclear materials. Right after that comes the goal of making sure that the American people gain confidence in what we are doing. As I have said before, doing a good job isn't enough. The people have to know and understand what we do and how we do it so that they will have confidence in our decisions. That's the only way nuclear power will continue to be a viable option in our country's energy mix.

After six months here, I continue to be impressed with our overall performance, but there are some ways we can get better. For one thing, with the work facing us, we're going to have to be prepared to do more work with essentially no more people. Regulating operating plants is going to continue to be our number one job, and we expect that we are going to be looking at requests for renewals of operating licenses and reviewing advanced reactor designs for certification. We've already made some minor organizational changes, and there will be a few more, that I think will help improve our efficiency. Beyond that, we'll have to tighten up on how we do our work within the organizational structure. That's strictly internal. In our external dealings, we have to make sure that we're communicating well with the people and organizations we regulate. Our regulations have to be clear and our actions consistent. We can't send mixed signals and then be surprised when people can't follow them.

As much as we have to be good regulators -- and we are that -- we have to be good communicators, too.

*Do you have a question for the Chairman? Send it, signed or unsigned, to Ask the Chairman, Mail Stop 16G15, USNRC, Washington, DC 20555. There's no specific limit on topics, although it is expected that those submitting queries will exercise good judgement and good taste.*

# NRC Hosts Advanced Light-Water Reactor



**CHAIRMAN SELIN**  
at the conference opening

## *NRC Senior Managers, Industry Leaders Share Perspectives on Design Certification Reviews and Process for Addressing Advanced Reactor Technical Safety Issues*

Contributed by the Office of Nuclear Reactor Regulation

At the NRC Conference on Advanced Light Water Reactors, NRC senior managers described for the nuclear industry and the public the NRC process for performing design certification reviews and the NRC process for addressing the technical safety issues concerning advanced reactors.

In turn, those attending the conference were given the opportunity to provide feedback to the NRC on policies and processes that they believe could impact or impede design certification schedules.

The conference was held in early November at the Mayflower Hotel in Washington, D. C.

Among those welcoming those attending the conference were Chairman Ivan Selin and Executive Director for Operations James Taylor.

During the two-day session, Dr. Thomas Murley, Director of the Office of Nuclear Reactor Regulation, and William Russell, A/D for Inspection and Technical Assessment, gave presentations on ALWR technical safety issues and on licensing process issues concerning design certification and the combined operating license.

Senior NRC management has been routinely involved in ALWR review schedule oversight and has initiated organizational changes that will provide dedicated personnel for ALWR reviews, a move that is expected to facilitate timely managerial decisions.

At the conference, senior NRC managers pointed out that the ability to maintain ALWR review schedules will depend on the timeliness and quality of the material submitted by the applicants and on an NRC/industry commitment to make decisions.

Mr. S. Smith and Mr. M. Wallace from the Nuclear Management and Resources Council (NUMARC) and Mr. B. Lee, Jr., and Mr. W. Rasin from the Nuclear Power Oversight Committee (NPOC) presented industry views on design certification issues. These industry representatives emphasized the urgent need for the creation and implementation of a licensing system that will make new nuclear plant orders possible.

One industry representative concluded that, without new plants, it will be increasingly difficult to retain the talented, experienced, highly trained personnel needed in management and in all other phases of nuclear operations.

Concerning the 10 CFR Part 52 process and design certification issues, Mr. Rasin cited three key design certification issues: the inspection, test, analyses, and acceptance criteria (ITAAC); the final design approval (FDA)/ITAAC relationship; and the approaches taken to issue resolution.

NUMARC representatives proposed an issue resolution process that stresses staff-level interactions, involves senior industry and NRC management, involves the Commission on policy issues, and utilizes the "agreement-in-principle" approach. They said the industry goal is effective issue resolution based on determined interaction and common understanding of the 10 CFR Part 52 process.

## Conference at Mayflower Hotel in D. C.



EXECUTIVE DIRECTOR FOR OPERATIONS JAMES TAYLOR addresses the Mayflower session.

Mr. E. E. Kintner, Chairman of the ALWR Utility Steering Committee, discussed the goals and objectives of the Electric Power Research Institute (EPRI) ALWR Program. He stressed that the Utility Requirements Document provides a clear, complete statement of utility interests for future plants, with an objective of establishing a stable regulatory basis for future standard designs in which there can be strong investor confidence. The EPRI list of top-tier requirements includes, among others, longer design life, greater engineering margins, higher availabilities, and increased containment performance.

Mr. Kintner concluded that EPRI design criteria will lead to simpler, more forgiving, more reliable, and safer designs.

Dennis Crutchfield, Director of the Division of Advanced Reactors and Special Projects, discussed the objectives of the NRC Utility Requirement Document review. He said the primary objective of the review is to identify and resolve selected technical and policy issues and to determine whether the document is consistent with current NRC regulations and regulatory guidance.

The EPRI Utility Requirements Document has limited regulatory stature and represents an agreement between the NRC staff and industry on an appropriate approach to resolving issues. The document is not intended to replace the NRC staff's review of design certification applications. Some issues identified during these reviews will remain open and will be resolved on a vendor-

specific basis. The review of the Evolutionary and Passive Utility Requirements Document should be completed in accordance with the review schedule outlined in SECY-91-161.

Mr. D. Wilkins, General Manager of the Nuclear Services Project Department for General Electric (GE) Company, discussed the GE Advanced Boiling Water Reactor (ABWR).

After providing a brief historical perspective on the development of the GE ABWR, his discussion focused on the key ABWR design and performance characteristics, the status of the design application, and the NRC evaluation process. The discussion highlighted significant progress, which could lead to resolution of several issues involving piping-design level of detail, human factors engineering, and instrumentation and control. He also noted that progress had been made in the areas of probabilistic risk assessment and ITAAC. Mr. Wilkins concluded that if the issue resolution momentum continues, the ABWR design certification could be completed six months ahead of schedule.

Mr. Crutchfield gave a summary of the NRC staff's ABWR review progress. He noted that the draft safety evaluation report (DSER) stage of the review had just been completed and the seventh ABWR DSER had been issued. Currently, the NRC staff is focusing on the resolution of more than three hundred open

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## ALWR Conference

Continued from Page 5

issues that have been documented in the published DSERs. Mr. Crutchfield noted that delays in the completion and submission of ITAACs could impact the Final Design Approval (FDA) decision date. He said that the recent review and issue resolution momentum must continue throughout the final safety evaluation phase to ensure that the approved certification schedule will be met or bettered.

Mr. S. Brewer, Vice President, Nuclear Quality, for ABB Combustion Engineering (CE) discussed the design certification status for the CE System 80+ Standard Plant Design. He said that CE management was encouraged by the increased pace of NRC review activities. Mr. Brewer also stated that the System 80+ was based on proven technology, had a high degree of compliance with the EPRI Utility Requirements Document, and had an improved reactor coolant system and improved safeguards. He then discussed three process/policy issues: level of detail, ITAAC, and schedules. He concluded that success of the System 80+ design certification depends on an open dialogue with the NRC staff, appropriate and informed judgements, and mutual determination to resolve issues and meet schedules.

William Travers, NRC Deputy Director of Advanced Reactors and Special Projects, noted that the preliminary review of the CE System 80+ submittals was complete and that requests for additional information had been transmitted to CE. He said timely, high quality responses to the requests for additional information were essential to support the CE System 80+ design certification schedule. He also discussed several technical issues that could require significant additional effort to resolve.

Mr. H. Bruschi, Director, Nuclear Plant Programs, for Westinghouse Electric Corporation, discussed the Westinghouse AP600 (Advanced Passive 600 MWe) design, the AP600 technical issues, and the AP600 design certification schedule. He said that the AP600 design is a simplified design based on proven technology, and he discussed several key design certification process and technical issues. He said Westinghouse considers resolution of ITAAC issues essential for timely design certification. With regard to technical issues, he said Westinghouse management believes that the EPRI Utility Requirements Document is a valuable vehicle for resolution of technical issues.

Mr. Travers and Brian Sheron, Director, Division of Systems Research, Office of Nuclear Regulatory Research, said that the NRC staff has been actively involved in the AP600 design certification. They pointed out that a full-time project manager has been assigned, that the NRC staff has participated in approximately twenty-five technical information meetings, and the technical information changes are continuing. They also noted that Westinghouse asked staff to curtail additional formal reviews of AP600 submittal documents.

Mr. Wilkins also discussed the GE Simplified Boiling Water Reactor (SBWR). He said the GE SBWR is an international team effort with four major objectives: a smaller plant size, the mitigation of loss associated with economies of scale, simplified operation and maintenance activities, and the use of existing ABWR technology. He compared the SBWR's features and potential performance capabilities to GE operating BWRs and to the GE ABWR design. He also said SBWR concept design has been completed and developmental testing is in progress.



COMMISSIONER FORREST REMICK and his Technical Assistant, Jack Guttman

Mr. Travers noted that the NRC staff continues to assess SBWR research areas and to identify issues that will require early resolution. He said that the NRC staff is developing a position paper to address some of these research areas and issues, and that technical information exchanges with GE continue. He also said that the staff expects to receive the GE SBWR Standard Safety Analysis Report and design certification application by August 1992.

The closing panel discussions emphasized renewed optimism and mutual resolve. Most panel members reasserted the necessity for timely, high quality applicant submittals; for timely NRC and industry decision-making; for effective two-way communication; and for mutual determination to resolve emergent issues and maintain projected review schedules. One panel member recommended that a similar conference be held in six months.



DR. THOMAS MURLEY addressing the conference

## The Story of Laban Coblentz

*Or,  
what happens  
when an English teacher  
joins the Nuclear Navy*



LABAN COBLENTZ

Laban Coblentz is a reactor health physics inspector in Region V, but, because of his unique qualifications, he has a second role as well — that of helping his colleagues turn their technical thoughts into well-written reports, as a kind of resident consultant in technical writing.

He began his second role by teaching two writing courses in Region V, and now he is scheduled to repeat the course in Region III.

Laban says it didn't take long after he came to NRC two years ago for him to realize, "The writing skills of engineers, in some cases, are not as well-developed as their technical abilities. That's unfortunate, because, in terms of professionalism, you're measured by how well you write.

"From my point of view, the inspector is one of the focal points of our organization. The inspection report is one of our most basic products and deserves a commensurate level of attention. When inspectors visit a plant, they have to be sure that the plant meets all the rules and regulations, but the quality of their inspection is frequently judged by the quality of the report they write.

"The time inspectors spend writing their reports and having them reviewed by their supervisors can be the most difficult and most frustrating time they spend on the job."

Laban's background is indeed unusual for someone in his primary job of a health physics instructor — but it makes him well-qualified for the additional role he has undertaken.

He grew up in a quiet, traditional Amish Mennonite community in Ohio, earned a degree in English and psychology, and, in 1981, began teaching composition and world literature at a local high school.

Two years later, "You might say on an impulse," he says, he left that world behind and enlisted in the Navy.

"I was offered an opportunity to get a commission, but the delay would have been too long," he says, "so I went into the Navy's enlisted nuclear program instead.

"I spent six years in the Navy, but I didn't like the system. I was a person who disliked rules — one of the reasons I'd left the Amish community — and the Navy was like going from the frying pan into the fire."

But there were some positive aspects to his experience in the Navy. For one, the submarine to which he was assigned went into the Mare Island Naval Shipyard for an overhaul, and he was able to study at San Francisco State University, concentrating on literature, which he very much enjoys.

For the second, he acquired the technical background that qualified him to be a radiation specialist/health physicist at NRC.

As mentioned earlier, it didn't take long after he came to NRC for Laban to realize there was a problem with report writing, and as soon as people learned of his background in English, a lot of them started coming to him with questions.

He soon learned that many supervisors were aware of the

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## Everyone Seemed To Be Looking for a Solution

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problem, and everyone seemed to be looking for a solution. Some thought sending inspectors to a good technical writing course was the answer, but, he says, "I sat down with Frank Wenslawski (the Deputy Director of the Division of the Division of Radiation Safety and Safeguards) and told him why that wasn't a good idea.

"We have a very specific set of problems in writing inspection reports, and a general business communication course isn't going to address them. People will get some good information out of a course like that, but they'll also get a lot of information they don't need, and they'll be told a lot that differs from NRC-specific methods. Review corporate writing from an NRC perspective, and you'll see how government organizations and technical organizations differ. That's why outside courses don't do what we need. Besides, with a course like that you don't have much, if any, followup when the course is over."

Laban then offered to develop a course and serve as a sort of resident technical writing consultant, working with both inspectors and their supervisors on the fine art of report writing.

"With my background in both English and nuclear technology, and my experience as a teacher, I felt I could help," he says. "I offered to put the course together and to teach it. I also offered to tutor those who need extra instruction. At first the idea was turned down, but then management decided to give it a shot."

To expedite putting his plan into action, Laban looked at existing technical writing courses and took one offered by Shipley Associates, a Utah firm. Eventually he became a licensed instructor with the firm. He has revised the firm's course to meet NRC's needs, but his students use materials provided by Shipley, including a style guide and workbook.

In addition to being able to give his students the specific expertise he needs, Laban says, he also saves money for NRC.

"My course costs about \$80 a student (for materials)," he says. "If they took a similar course elsewhere, the costs would probably be about \$1200 a student."

As an inspector himself, Laban knows that the job is extremely rewarding, but it can also be demanding. Techniques for improving efficiency — such as proper planning and effective revision skills — are vital to keeping the inspector's workload realistic.

"Teaching this technical writing course didn't relieve me from duties as a full-time inspector," Laban comments. "As a result I quickly found the benefits of using time-efficient writing habits. In the writing course, my challenge has been to make these habits usable and effective for other inspectors."

Although the effort is just beginning, Laban says he's been seeing great results so far, and he wants to expand his efforts to include supervisors as well as inspectors.

"I want to try to teach supervisors to differentiate between rules, style, and personal preference," he says. "Having an established style is a good idea because it can save time. However, when it comes to items of personal preference, supervisors have to make some decisions. Is a certain written format, for example, of particular importance? If it is, then it's up to the supervisor to communicate that fact to the inspectors in a way that can be readily understood. If, upon reflection, the supervisor realizes it's not that important, then the supervisor shouldn't insist that the inspectors conform to that preference."

Besides all the very specific benefits that Laban's teaching efforts can bring to the report-writing process, he points out that the writing classes also are an equal employment opportunity initiative. The Region V representative to the NRC Affirmative Action Advisory committee, Laban comments, "Language skills can be



a factor in promotion, so for minorities this can be an extremely important program. It can be particularly effective for those for whom English is a second language."

Although Laban has found his time at NRC interesting, he says he has a career dream quite removed from the nuclear industry.

Eventually, he says, he would like to go into the theater, as an actor and as a writer. He was an actor and associate director with a little theater group in Ohio, and there he produced a play that he had written.

Later, when he was in the Navy in Orlando, he was in one play, but, he says, "Since then, I haven't been close enough to a theater to really get involved. I know that as an inspector, with the travel schedule inspectors have (typically they are on the road about a third of the time), I simply cannot act in a play."

Laban's primary assignment is to coordinate inspections at the Trojan plant, but, he says, he visits other sites as well, and he was the first Region V inspector to participate in an inspection in Canada, although NRC has had an agreement with Canada for some time. Under that agreement, a Canadian inspector participated in an ALARA inspection at the Palisades plant in the United States, and Laban participated in an inspection at Canada's Pickering plant.

For all of his efforts, Laban recently received a high quality performance award.



## The Report-Writing Process

Laban Coblenz has devised a very structured, straight-forward format for both the course and report writing that seems to be very appealing to his technically oriented students.

"I spend the first two days of the first course teaching them the process of writing," he says.

"The third day — and it will be the third and fourth days in the next session — I take that writing process and show them how to apply it to the inspection process."

Here are his report-writing steps:

- o **Identify your purpose and your readership.** Why are you writing this report, who are your readers, what do you want them to do, and how do you want them to feel?"
- o **Plan.** What are you going to write? What will your report contain?
- o **Brainstorm.** Put your ideas randomly down on paper.
- o **Organize.** Put your ideas into a logical order, according to your plan.
- o **Write a draft.**
- o **Revise.** Revising should be done in three stages. First you look at the organization: is your message clear? Then you look at the syntax. Finally, you proofread.

Applied to the writing of an inspection report, the process starts with developing an inspection plan. Next comes conducting the inspection itself. Writing the report is the final step.

Proper development of the inspection plan is an important part of the overall process, Laban says. "It's important that the inspector get the supervisor to buy into the plan at this stage, before the inspection.

"Much of what the inspector finds in the inspection will fit into this plan. The inspector should communicate with the supervisor throughout the inspection, and before the exit interview or debriefing at the end of the inspection, the inspector and supervisor should resolve any outstanding issues.

"The exit interview or debrief should be similar to what will eventually be in the report, and if the inspector and supervisor have been communicating, they both know at this point what's going to be in the final report.

"It's important to resolve all concerns about the issues before you start writing. Then, when it's time to write the report itself, the inspector starts with a boilerplate shell and fills in the parts.

"Following this process, it should take about two days to draft a report, which allows three days for the revision and review to be completed before the inspection cycle starts again."

## Don Loosely, NMSS, Gets 40-Year Plaque



DONALD LOOSELY, center, shows the plaque he received recently commemorating his forty years of Federal service. With him are, left, Hugh Thompson, Deputy Executive Director for Nuclear Material Safety and Safeguards and Operations Support, and right, Robert Bernero, Director of the Office of Nuclear Material Safety and Safeguards, who made the presentation. Don is in the Program Analysis Branch, Program Management, Policy Development, and Analysis Staff, NMSS.

## EFCU, EWRA Will Offer Free Tax-Planning Seminar

The Energy Federal Credit Union and the Employees Welfare and Recreation Association are joining forces to give Headquarters employees a head start on preparing their 1991 income tax returns.

The two organizations are co-sponsoring a free tax seminar that will be held from noon until 1 pm Thursday, January 16. It will be in the second floor conference room (2F17-2F21) at One White Flint North.

Representatives of DeLeon and Stang, Certified Public Accountants, will provide information on tax planning and updates on the latest tax laws. They also will provide free tax guides.

A question-and-answer period will follow the presentation.

No pre-registration is required, and those attending may bring their lunches.

## *It's a Matter of Ethics*

*a column of helpful  
information on  
government ethics,  
prepared by the NRC  
Office of the General  
Counsel,*

*will return next month*

# The Environment

## Conserve! For the Winter and the Spring!

### Be Sure To Feed the Birds

Now is the time that everyone concerned about the environment can help songbirds make it through the cold winter months by putting up feeders for wild birds.

Feeders are vital to the birds' survival, because birds use a great deal of energy just keeping warm during the winter.

Feeding them can help replace that lost energy when their other, usual foods — like berries, insects, and naturally growing seeds — are scarce.

You can start to feed songbirds merely by purchasing a bird feeder and some sunflower seeds, and finding the right location for the feeder.

Black oil sunflower seeds and millet are the best seeds to buy; most wild birds seem to prefer these, and neither of these is expensive.

To attract chickadees, titmice, and other small songbirds, put sunflower seeds in a feeder hung from a tree branch, house eave, or other high place.

Many birds — including mourning doves, red-winged blackbirds, and juncos — prefer to look for food on or near the ground.

To attract these birds, combine the sunflower seeds and millet with corn and peanut pieces. Then put the mixture on a platform feeder near the ground. If you add a few raisins or dried fruits, you may also attract mockingbirds, catbirds, and possibly wintering robins.

To attract woodpeckers, put suet in a feeder. Fresh suet is available in most meat departments, or special suet cakes can be purchased at stores that feature wild bird food. Fresh suet can be melted and mixed with sunflower seed, millet, peanuts, or peanut butter for an extra wild bird treat.

Bird feeding should continue during the spring and into early summer when natural foods are still scarce and wild birds are starting families.

To ensure that your feeding is helping not hurting the birds, feeders should be kept clean. In addition, you should not feed birds bread or other table scraps. While tossing after-dinner bread scraps onto the snow to attract birds seems picturesque, these scraps can become moldy or introduce salt and other chemicals into the birds' delicate digestive systems.

For more information about feeding wild birds and other ways to help wildlife in your neighborhood, call The Maryland Department of Natural Resources Division of Wildlife at 410-974-3195.

Besides helping songbirds make it through the winter, bird feeding is a rewarding way to attract and observe wildlife.

### Build a Forest, Plant a Tree

Homeowners who want to help generate tomorrow's forests can begin to do so by ordering tree seedlings at cost from the Maryland Department of Natural Resources.

Several kinds of seedlings are available including coniferous seedlings and hardwood seedlings. The selections range from loblolly and white pine, to black locust, red oak, and several species of dogwood.

The minimum order for coniferous seedlings — including loblolly pine — is two hundred and fifty seedlings. For hardwood species, the minimum order is one hundred seedlings.

Prices range from \$7 to \$27 per hundred, plus shipping.

Landowners also may order environmental packets that include fifty white pine or loblolly pine, twenty-five black locusts, and twenty-five each of red oaks, red osier dogwoods, or flowering dogwoods. (Choices must be specified when orders are placed.)

The cost of the environmental packets is \$27 each plus shipping.

Also available are wildlife packets that include two white pines, two sawtooth oaks, two crabapples, and two bicolor lespedezas. The cost of the packets is \$3.

Those who order the coniferous, hardwood, or environmental seedling packets may order from one to ten wildlife packets at the same time they order the other seedlings. Without a seedling order, the minimum order is ten wildlife packets.

Seedlings and seedling packets may be ordered through DNR project foresters in each of the Maryland counties. Consult the blue pages of the telephone book under the State of Maryland for the number of the local DNR project forester.

Seedlings may be ordered now for spring delivery.

## Maryland Offers Calendar

A 1992 calendar that features thirteen of Maryland's rare and endangered species may be ordered for only \$5.75 per copy.

The cost of the full-color calendar includes shipping, handling, and sales tax.

To order, send a check payable to Natural Heritage Program to "Calendar," Resource Conservation, Tawes State Office Building, E-1, Annapolis, MD 21401.

# Taking a Look Back --

## Some of the People and Happenings of the Past Twelve Months, as Seen by NR&C

This was 1991!

Taking a look back through the pages of *NR&C* for the last twelve months brings back a lot of memories. It was indeed a busy, and interesting year.

As the year began, the cover of *NR&C* showed Henry Rubin of the Office of Personnel taking over the presidency of the Employees Welfare and Recreation Association from Suzie Black of the Office of Nuclear Regulatory Regulation. Other highlights of the first half of the year were photos of holiday parties at Headquarters and of Region I's first Cultural Enrichment Day.

Two NRC people — a current employee and a retiree — were honored in a Seniors-in-Action program, and four Headquarters employees were pictured with the trophy they won in the Capital Motion Bike-a-thon.

The precarious state of the world took over the front page of the February issue of *NR&C*. A ribbon bedecked tree showed the names of NRC's military reservists who had been called to duty for the War in the Persian Gulf. The lead article in the same issue discussed the increased security requirements in place at Agency buildings.

No one was sure what to expect, but we were getting prepared.

FWPAC asked readers to give their opinions on "women's issues" at NRC, and ten employees were selected to take part in special development programs.

Even though, thankfully, the War in the Persian Gulf was short-lived, the Agency wanted to make sure none of our colleagues who were on military duty were forgotten. The holiday tree that had graced the lobby during December was put up again, and the cover of the March issue showed the tree bedecked with yellow ribbons and American flags.

EWRA funded the display and Lynn Silvius and Lois Telford of Security and Camille Kirme of ADM did the actual decorating. Conservation efforts at Headquarters moved ahead with a big push for recycling, and employee of Chinese descent welcomed the year of the ram.

There also was a special edition of *NR&C* that pictured the many activities of Black History Month. Dr. Franklin Jenifer, the President of Howard University, spoke at the Black History Month Program at the Rockville Crowne Plaza Hotel, and the NRC Chapter of Blacks in Government celebrated the month with a special luncheon at the Officers Club at Bethesda Naval Hospital.

Three Agency executives — the Executive Director for Operations, James Taylor; Edward Halman, the Director of the

# 1991 -- A Very Good Year



IN 1991, NRC WELCOMED A NEW CHAIRMAN, Dr. Ivan Selin, and the Employees Welfare and Recreation Association welcomed a new honorary member. Here the Chairman, right, receives his EWRA membership card from 1991 EWRA President Henry Rubin.

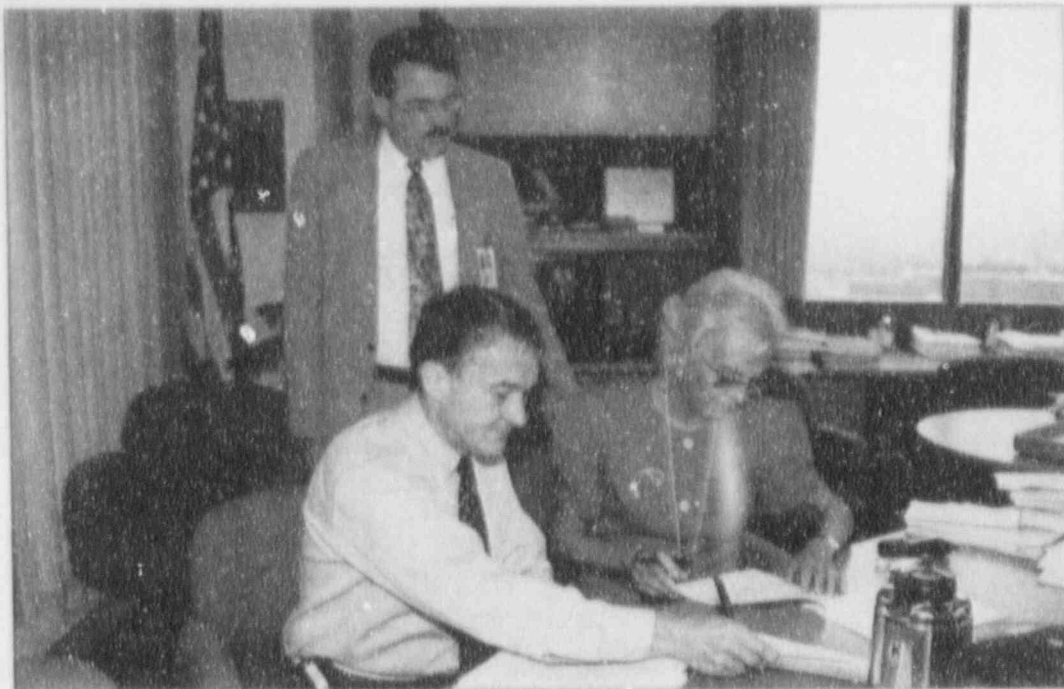
Division of Contracts and Property Management; and Carlton Kammerer, Director of State Programs — were honored for their efforts on behalf of equal employment opportunity for blacks at NRC.

The April edition saw Chairman Carr receiving a lifetime membership in EWRA, Robert Bosnak receiving the Codes and Standards Award of the American Society of Mechanical Engineers, and Patrick Peterson of Region I receiving the nondestructive testing technician of the year award for Greater Philadelphia from the American Society of Nondestructive Testing. Maria Lopez-Otin explained her new assignment as the Agency's first Federal Liaison Manager and Jim Wing reported

on the Middle East briefing session he attended at the White House.

Concern for those colleagues serving in the Middle East continued and the Women's History Month celebration in April focused on both the women and the men who had been called to active duty. A colonial-costumed fife and drum unit from the Old Guard accompanied the military color guard that opened the program, Brigadier General Myrna Williamson was the featured speaker, and Serona Mosby of NRR roused the audience to a standing ovation with her rendition of *God Bless America*.

Continued on Page 14



CONSOLIDATION WAS A BIG NEWSMAKER IN 1991. Before actual work on Two White Flint North could begin, lots of paper work had to be done and lots of red tape untangled. Here, in the photo at the left, EDO James Taylor looks over the traffic mitigation plan for White flint while Ann Tipton of SECY notarizes his signature on the plan. Michael Springer, Director, CONS, stands in the background.



The Chairman welcomed Montgomery County Executive Neil Potter, right, with Michael Springer, Director, CONS, in the background.

Continued from Page 13

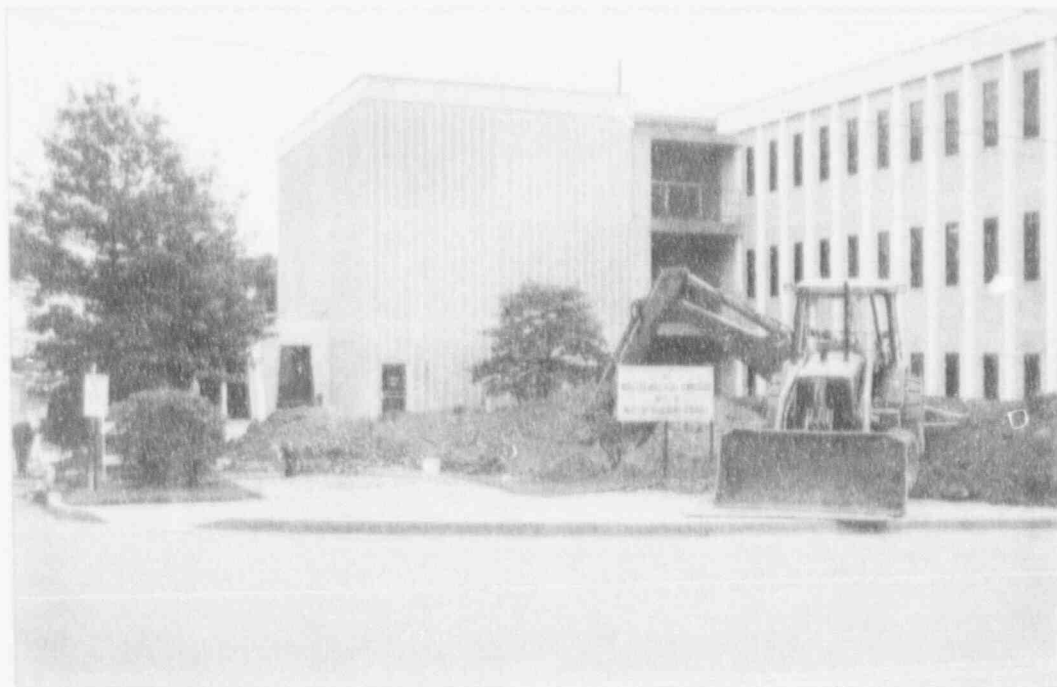
FWPAC honored Dr. Gail Marcus and Elinor Adensam for their achievements and for serving as role models for other women. The program ended with a dual-screen slide and music show that paid special tribute to the NRC employees who were called to active duty.

May saw the NRC for the first time giving special awards to students in the Montgomery Area Science Fair, and seventeen employees provided expert help for the fair. Keyworkers in the 1990 Combined Federal Campaign were honored, and law enforcement employees from NRC joined those from other agencies in the annual *Law Enforcement Torch Run for the D. C. Special Olympics*.

THE ACTUAL OFFICIAL GROUNDBREAKING for Two White Flint North was a major happening, well attended by NRC employees, Montgomery County Official, and representatives of the General Services Administration and the developer. In the photo at the right, Commissioner Curtiss, left looks on, while the Chairman (second from the left) and other officials start the digging.



EVEN BEFORE CONSTRUCTION AT TWO WHITE FLINT GOT UNDERWAY, there was some digging at Nicholson Lane so support facilities could keep up with the rapid development in that area.



Headquarters observed Earth Day with some special displays, and Guy Arlotto received his award as Engineer of the Year from the National Society of Professional Engineers. In an unfortunately prophetic article, NR&C warned readers to be afraid of thunder storms, because "lightning's always dangerous."

Just a few weeks and a few miles away, a group of parents and students attending a soccer game at St. Alban's School were struck by lightning and one boy was killed.

At the 14th annual awards ceremony, also held in May, families and friends joined the fifty-seven employees from Headquarters

Continued on Page 14



AT THE ANNUAL PROGRAM OBSERVING WOMEN'S HISTORY MONTH, THE FEDERAL WOMEN'S PROGRAM ADVISORY COMMITTEE honored Elinor Adensam for her contributions and for serving as a role model. Here she receives congratulations from her Division Director, Steve Varga.



WHEN THE AGENCY CELEBRATED SECRETARY'S DAY in April with a gala luncheon, then-Chairman Carr distributed proclamations and American flags to departing honored guests. Here Sharon Hudson of the Office of the Controller accepts her proclamation and flag.

Continued from Page 15

and the Regions who were honored for their outstanding service to the Agency.

The June issue of *NR&C* highlighted the tributes that had been paid to secretaries during the annual observance of National Secretaries Week, showing Judy Ledbetter and Joy Pierlioni with the display that was set up in the Office of Nuclear Regulatory Research.

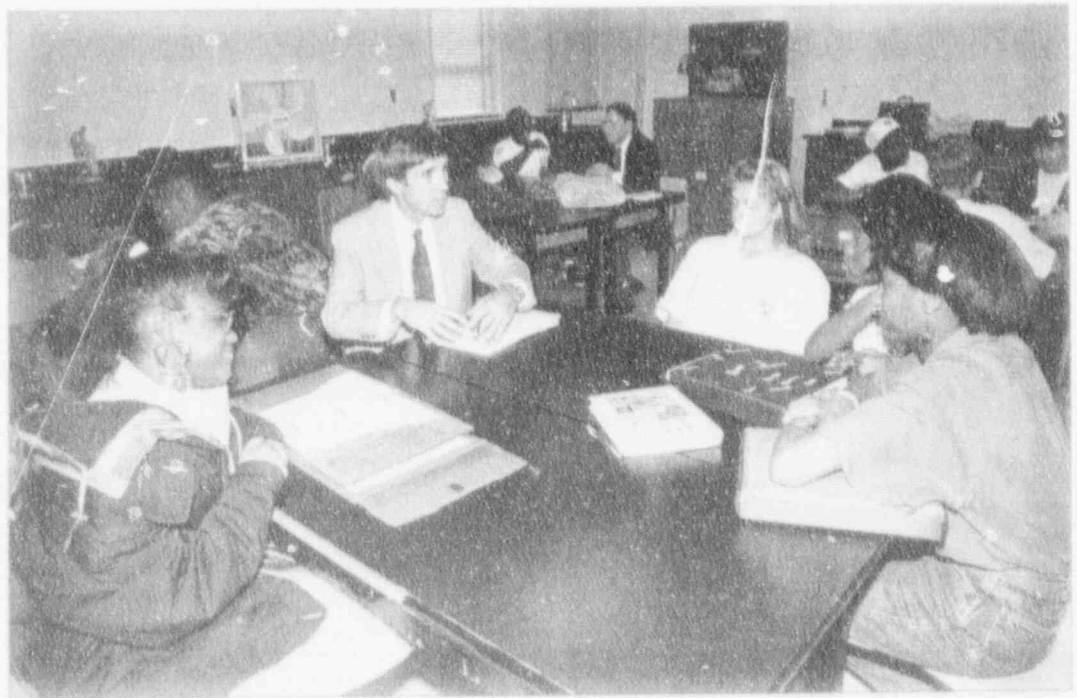
The same issue also described the spring Senior Executive Service conferences and the speakers there, who included Rep. Peter Kostmayer of the Eighth District of Pennsylvania and Rear Admiral Thomas Brooks, Director of Naval Intelligence. The issue also noted that Patricia Eng of the Office of Nuclear Reactor Regulation had been named Director of the Middle Atlantic Region of the



THROUGHOUT THE YEAR, Headquarters employees made substantial contributions to education through the Volunteers in the School Program. At the right, program coordinator Beth Hayden speaks to a group of educators who visited Headquarters this summer.



JOHN SZABO of the Office of the General Counsel was one of a number of employees who went to area schools to talk about their work.



Society of Women Engineers.

July marked the end of one era and the beginning of another as Dr. Ivan Selin became Chairman, succeeding Vice Admiral Kenneth Carr.

NR&C interviewed the three Assistant Inspectors General — Tom Barshi, Leo Nartoni, and Jack Taylor — who had joined the staff of Inspector General David Williams.

Continued on Page 18



**YOUNGSTERS ENJOYED THE ANNUAL FAMILY PICNIC**, especially the magician, who created the balloon animals like the one the girl in the picture at the left is holding.

Continued from Page 17

The Moscow Children's Choir sang to an overflow crowd one noon time at White Flint. NRC received high praise from the county for its recycling activities, and Dennis Turner, ADM, the Agency's conservation advocate, was named Outstanding Property Manager of the Year by the National Property Management Association.

Getting into the really big time, the cover of the next issue of *NR&C* showed the Chairman being sworn into office at the Executive Office Building with Supreme Court Justice Sandra Day O'Connor administering the oath of office and Vice President Dan Quayle leading the applause. In the same issue, the Chairman shared some of his views with the staff.

*NR&C* also described the issue of software quality assurance, a big one in the world of computers, and thirty-seven staff members received formal recognition as Headquarters Operations Officers.

FWPAC released the results of the survey it took earlier in the year, finding that improved career opportunities, rotational assignments, training, promotion into the SES, and day care are the "women's issues" most important to women.

Region I's second Cultural Diversity celebration took the spotlight in the August issue of *NR&C* that was filled with items of major interest.

Those included the Chairman signing a memorandum of understanding with the U. S. Nuclear Waste Negotiator, a report on the open house for all employees held on the 17th and 18th floors (where the Chairman and Commissioners have their offices) a FWPAC seminar on career programs, Commissioner Rogers talking to the two Headquarters Toastmasters Clubs, and visits to Headquarters by thirty-five youth governors from around the country and by forty educators from the Washington area.

We also saw pictures of the team from the NRC's URFO in Denver that participated in the Federal Cup Race in Denver, and of the successful health fair at Headquarters.

September was another big news month, with the cover of *NR&C* featuring the official groundbreaking for Two White Flint North. County officials, the developers, and top Agency management all welcomed the long-awaited start of visible work on the project.

*NR&C* also profiled the new head of the Office of Information Resources Management, Gerald Cranford, who came to NRC from the Bureau of the Census.

Pat Kaplan, the manager of the Agency's Employee Assistance Program, explained to readers what services that program can provide,



**THE MAGICIAN ALSO HAD HIS HELPERS, like this young man, selected from the audience, who helped dazzle the audience with two different tricks.**

and NRR staff members talked about the signing of the preliminary design approval for the Westinghouse RESAR SP/90, the first time in more than a decade that a PDA had been signed by the staff. OIG held an Executive Planning Conference, four new members were named to FWPAC, and Sam Holland was selected for the 1991-1992 Excellence in Government program.

The October spotlight focused on Region I, "Serving the Northeastern United States," with a record forty-eight pages of articles and photos about life in the Region.

In November, the focus was on the fourth Hispanic Heritage celebration at Headquarters. A new feature, *Ask the Chairman*, featuring questions to and answers from the Chairman, appeared for the first time, and readers also got a detailed story and lots of photos of the Chairman's recent European trip.

Another new feature appearing for the first time was *It's a Matter of Ethics*, a column being authored by designated counselors in the Office of the General Counsel, and readers also got to know Michael Rubin, RES, a former Congressional Fellow who also jittersbugs competitively.

As the year was drawing to a close, six former Chairmen came to White Flint to have lunch with the Chairman, the three other Commissioners, and then-Commissioner-designee Gail de Planque.

RES reported on its recent light water reactor conference, and Chris Gianios explained the world of LANs. Security celebrated the recording of its one millionth fingerprint card, and Jim Myers of State Programs and Ron Smith of the Office of the General Counsel shared their stories and pictures of the War in the Persian Gulf. And, once again, employees were asked to celebrate the holiday season by sharing with others through *Operation Needy* and *Toys for Tots*.

**And that, from NR&C, was the year that was.**

See additional pictures on Pages 20, 21, and 22.

# NRR Staffers Held a Gala, Ghoulish Halloween Party



NRR CELEBRATED HALLOWEEN with a lively party that featured an amazing array of costumes and characters that included a court jester, a harem girl, a leopard lady, the Phantom of the Opera, and a completely recyclable couple.



## Region I Had a Fun Family Picnic This Summer



REGION I STAFF MEMBERS AND THEIR FAMILIES enjoyed their picnic in a bucolic setting not far from the office in King of Prussia, Pennsylvania. Kathy Supiot, top left photo, who served beverages to thirsty picnic goers, was one of the many who worked to make the picnic a success. The other photos show a variety of the activities enjoyed that day, which included volleyball, softball, a balloon toss, fishing, and eating. One rule of the day was: no shop talk.



## Region V Also Enjoyed Its Summer Picnic



REGION V STAFF MEMBERS enjoyed their picnic in a very convenient location, the tree-shaded parking lot just outside the Region V office in Walnut Creek, California. Bright red tablecloths, white umbrellas, and red, white, and blue flags added to the festive atmosphere. You'll be reading more about Region V and its people in the next special edition of *NR&C*.

# Consolidation Update



DEEPER AND DEEPER crews went, as shown in this mid-December photo of Two White Flint North.

Watch for more consolidation update photos in future issues of NR&C.

## On the International Scene

### Foreign Assignees Currently Serving at Headquarters

Below is a list of foreign assignees now at the Agency, the countries they're from, their assignments, their telephone numbers and locations, and the names of their supervisors. If you are interested in getting to know any of them or inviting them to your home, please call them or their supervisors directly. As of January 1, 1992 the assignees and their supervisors were

**Italy:** Gianfranco Capponi, RES/ARB. 492-3807. 019B-NLS. Assignment ends October 7, 1992. Supervisor, Victor Nerses.

**Japan:** Yukinori Maekawa, RES/ARB. 492-3831. NLS-200. Assignment ends February 11, 1992. Supervisor, Owen Gormley.

**Japan:** Yoshihiro Nishiwaki, Region II, DRS. FTS 8-841-5409. Room 3107. Assignment ends September 16, 1992. Supervisor, Albert Gibson.

**Korea:** Moon Soo Lee. RES/RPSIB. 492-3804. 019A-NLS. Assignment ends March 31, 1992. Supervisor, Paul

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## Health and Fitness News

### Walk Your Way to Health in the New Year



PUTTING THEIR BEST FOOT FORWARD FOR THE PHOTOGRAPHER, members of the Bethesda Walking Club are, from the left, Team Leader Henry Rubin, Debbie Glen, Paulette Smith, Garrie Williams, Bob Edwards, Elnor Cunningham, and Pam Baer. The walkers who completed sixteen noontime walks as part of the EWRA Fitness for Fun Challenge received an NRC baseball cap. To find out about joining the walkers in the new year, call Henry at 492-7098.

### *Make Sure You and Your Car Are Ready for Winter*

Are you ready for winter?

Be sure you have the following in your car:

- Jumper cables
- Sand or cat litter (for traction)
- Flares or reflective triangles
- Wool blanket(s)

Gloves, wool hat, and boots

Ice scraper

Flashlight

A small shovel

If you are travelling to an area where you may run into heavy snow and...an the risk of being stranded on the highway, take along

Canned food (and an opener)

A thermos of beverages

Cups and eating utensils

Candles and a tin cup (maybe an old coffee can) so you can melt snow into water)

A candle in a coffee can

# Employee Assistance Program

## Counseline Offers Help with Major Life Stresses

Have a problem? Want some quick, brief information on the subject?

*Counseline* is a free, confidential library of practical information to help you understand and deal effectively with major life stresses and changes. Local mental health experts have prepared and reviewed more than eighty tapes on sensitive personal issues ranging from divorce and suicide to alcohol and drug abuse. By calling 202-265-7200 you can anonymously ask to hear any of these tapes free of charge.

*Counseline* is available to everyone in the metropolitan Washington, D. C. area and is completely confidential. You can call *Counseline* anytime between 9 am and 9 pm Mondays through Fridays and from 9 am to 5 pm on Saturdays.

In addition to offering tapes in English, *Counseline* also offers twenty of its most requested tapes in Spanish as well. (Those are listed below with an "S" preceding the tape number.)

The tapes offered include the following:

### Assertiveness and Self-Confidence

- 10 How to say no (S10)
- 12 Re-examining values
- 31 Selfishness
- 34 Building self-confidence
- 35 Building self-esteem and confidence (S35)
- 36 The value and use of self-talk
- 44 Learning to accept yourself
- 402 Self-assertiveness (S402)

### Common Emotional Problems

- 6 Expressing negative thoughts and feelings
- 7 Dealing with constructive criticism
- 8 Dealing with anger
- 9 Understanding and coping with boredom
- 25 Coping with shyness
- 32 How to deal with loneliness (S32)
- 33 How to handle fears
- 431 What is depression (S431)
- 432 How to deal with depression (S432)

### Suicide

- 491 Suicidal crisis (S491)
- 492 Recognizing suicidal potential in others
- 493 Helping someone in a suicide crisis (S493)

### Sexuality

- 4 Physical intimacy
- 20 Female homosexuality (S20)
- 21 Male homosexuality (S21)
- 22 Dealing with frigidity
- 23 Dealing with impotency
- 24 Timing problems in male sexuality
- 39 The female sex role — changes and stresses
- 40 The male sex role — changes and stresses
- 210 Homosexuality
- 211 Teenage pregnancy

### Tension

- 30 Anxiety and possible ways to cope with it (S30)
- 37 Relaxation techniques
- 38 Coping with stress

### Death and Dying

- 84 Death and dying (S84)
- 85 Understanding grief (S85)

### Marriage, Divorce, and Separation

- 15 Career and/or marriage
- 28 Learning from a broken relationship
- 29 Intimacy in marriage
- 70 Infatuation or love?
- 71 Things to consider in looking for a mate
- 73 Positive communications and sexual fulfillment in marriage
- 74 Fair fighting in marriage
- 75 Common marital problems and how to handle them (S75)
- 80 Divorce
- 81 Dealing with the realities of divorce (S81)
- 82 The death of a marriage

### Marriage, Divorce, and Separation, continued

- 83 How to cope with a broken relationship (S83)
- 295 Spouse abuse
- 411 Relationship contracts

### Interpersonal and Family Relationships

- 1 Friendship building
- 3 Types of intimacy
- 16 Becoming open with others
- 18 Dating skills (S18)
- 77 Parenting skills
- 200 Discipline
- 203 Child abuse and neglect
- 212 International families
- 214 Runaways

### Alcohol and Drug Abuse

- 160 Early signs of an alcohol problem (S160)
- 161 Responsible decisions about drinking (S161)
- 162 Alcoholism — a major health problem
- 163 Drinking can become your problem
- 164 Living with an alcoholic (S164)
- 207 Dependence on nonprescription drugs
- 208 Narcotics addiction
- 215 Teenage alcohol and drug abuse
- 479 Dealing with alcoholic parents (S479)

### Major Life Changes

- 17 Major changes in life
- 27 Life planning for women
- 201 The stages of adolescence
- 301 Retirement
- 478 Becoming independent from parents (S478)

### Other Important Topics

- 14 Mental health and nutrition
- 204 Sexual assault/rape
- 206 Self-image, the impact of employment
- 209 Racism/discrimination
- 571 AIDS (S571)

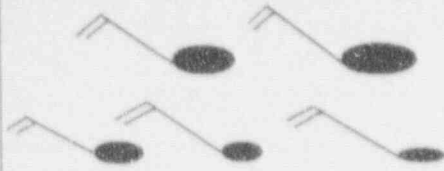
### Seeking Help

- 11 When should I seek help for personal problems (S11)
- 61 What therapy is and how to use it
- 90 Helping a friend
- 202 Helping the child with learning disabilities
- 5213 Mental health resources for the Hispanic community (available in Spanish only)

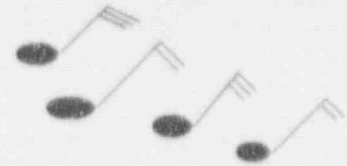
### Do You Want Help?

Do you have a problem or concern? Perhaps the Employee Assistance Program can help or refer you to someone or some organization that can. Call Pat Kaplan, the EAP Manager, at 492-4639.

# EWRA News



## Retiree Notes



by Marshall Grotenhuis, Retiree

*Editor's Note: Retiree Notes is a regular feature of NR&C, designed to help keep employees, retirees, and other NRC "alumni" informed about their former colleagues. Anyone who has items of interest to contribute to the column is asked to submit them to NR&C, Mail Stop 17G21.*

We want to wish all our retirees and other alumni the very best for 1992. Keep your cards and letters coming, and we will be back with a regular column of news next month.

### John Stang, NRR, Is Elected New President of EWRA

John Stang of the Office of Nuclear Reactor Regulation is the new President of the Employees Welfare and Recreation Association. John takes over the post as of January 1 from Henry Rubin of the Office of Personnel.

John has long been active in EWRA. This past year he served as Vice President/President Elect, and was in charge of the successful vendor sales operation at White Flint.

In addition, for a number of years John has been the chief organizer and motivator for the Spring and Fall EWRA-sponsored Golf Outings. He also has assisted with the EWRA-sponsored "Operation Needy."

Henry will become the EWRA Vice President for Bethesda, and he will continue as the head of the EWRA's Bethesda Walking Club.

The other officers elected for 1992 were Ed Okleson, Office of Nuclear Regulatory Research, Vice President/President Elect; Jim Lyons, NRR, Vice President - Rockville; Dara Gordon, Office of Information Resources Management, secretary; and Polly Schofield, Office of Nuclear Material Safety and Safeguards, treasurer.

The officers and executive board generally meet the first Wednesday of the month at White Flint. The meetings are open to all interested employees.

### EWRA Will Sponsor Five-Week Diet Program

For those who want to shed extra pounds, the EWRA will sponsor a five-week inhouse weight loss program beginning January 7.

Classes will be conducted from noon until 12:45 each Tuesday from January 7 to February 4 in 1F7 at White Flint.

The program, which will be presented by instructors from The Diet Workshop, will include discussions of healthy weight loss, nutrition news, thin behavior, fitness focus, and lifestyle eating. The cost for the five-week program is \$39.

To register for the program, contact Henry Rubin, 492-7098. For more information, call The Diet Workshop, 468-3438.

### MVCP Offers Savings On Car, Truck Purchases

The EWRA, the Motor Vehicle Certification Program continues to offer employees a no-charge service that will help ensure that they get the best price on the purchase of a new car or truck.

A call to MVCP at 1-800-345-0990 will provide information on

- o what the dealer paid for the vehicle
- o what the factory will give back
- o what incentives the dealer is getting from the factory
- o what your present vehicle is worth as a trade-in
- o which dealers will provide vehicles at MVCP prices

### TCBY Will Give Discount to Employees

TCBY Yogurt, which is at the corner of Woodglen Road and Nicholson Lane, will give employees at 10 percent discount on purchases made in January. (The discount applies at this TCBY location only.) To get the discount, all employees need to show their NRC ID badge before the purchase.

## EWRA News -- Travel Bargains

### Slow Economy Means Cruise Bargains Abound

Probably in large part of the slow economy, cruise bargains abound. Here are just a few.

o **Regent Star.** A one-week cruise that goes into the Panama Canal as far as Gatun Lake and then back out again. A good idea for those who don't have the usual two weeks for a canal crossing. This cruise starts from Montego Bay and visits Cartagena, Colombia, Aruba, and Curaco. On selected dates — February 2 and March 8, and others — the first passenger pays full price and the second goes for fifty percent. The price for a very spacious outside cabin is \$2600 for two, including port tax and insurance.

o **Zenith.** A brand new ship that will be visiting Eastern and Western Caribbean on alternate weeks. Celebrity Cruises is offering a discount of \$600 per cabin for reservations made early.

o **Riviera.** This newly refurbished Costa Cruise line ship will be cruising from San Juan to Venezuela, visiting Martinique and Grenada. The line is offering twenty-seven percent discounts on most high-season sailings.

For more information, call Else Daniels at 202-686-SHIP, or Ann Thomas at 504-1732.

### Mardi Gras in New Orleans!

Through the League of Federal Recreation Associations, employees and their guests can enjoy a seven-day motor coach excursion that will take them to this world-famed happening for only \$539 per person. This rate is based on two people sharing a double room.

The seven-day trip is being offered by Carter Tours. It departs from Rockville February 28.

The package price includes reserved seat tickets to selected Mardi Gras parades, a sightseeing tour of New Orleans, a Mississippi River cruise, and hotel accommodations in Atlanta, Georgia; Biloxi, Mississippi; New Orleans, Louisiana; and Chattanooga, Tennessee.

For more information, contact Ann Thomas, 504-1732.

### LFRA Sponsors 12-Day Trip to Kenya in June

The League of Federal Recreation Associations is sponsoring a trip to Kenya June 5 through 17.

The package offered includes roundtrip air from New York via Virgin Atlantic to London, and then a connecting flight to Nairobi via Kenya Airways, arriving in Kenya the morning of June 7.



After spending that day and night in Nairobi, the tour will move on to Amboseli National Park Lodge for a three-night stay that will include spectacular sightseeing and an early morning "game drive" (with a chance to see elephants, lions, buffalos, rhinoceroses, and leopards). The next stop will be Maasai Mara, Kenya's most famous game reserve, while the group will spend two nights before returning to Nairobi to board an overnight sleeper train to Mombasa for two nights at the Nyali Beach Hotel. The group then returns to London via Kenya Airways and then to New York via Virgin Atlantic.

The cost of the trip is \$3125 per person, based on a tour group of twenty-five persons. If only fifteen people are in the group, the rate will be \$3175 per person. This includes round trip air from New York, all admission fees and tours, breakfast daily, some lunches and dinners, local guides, hotel or safari accommodations, hotel taxes, tips, and baggage handling.

To reserve space in this tour, a \$200 per person deposit is due by January 31, payable by check or credit card. The balance must be paid by March 20.

For more information, contact Dorothy Roome Associates, 301-581-0156, or Ann Thomas, 504-1732.

### Let's Go See Mickey

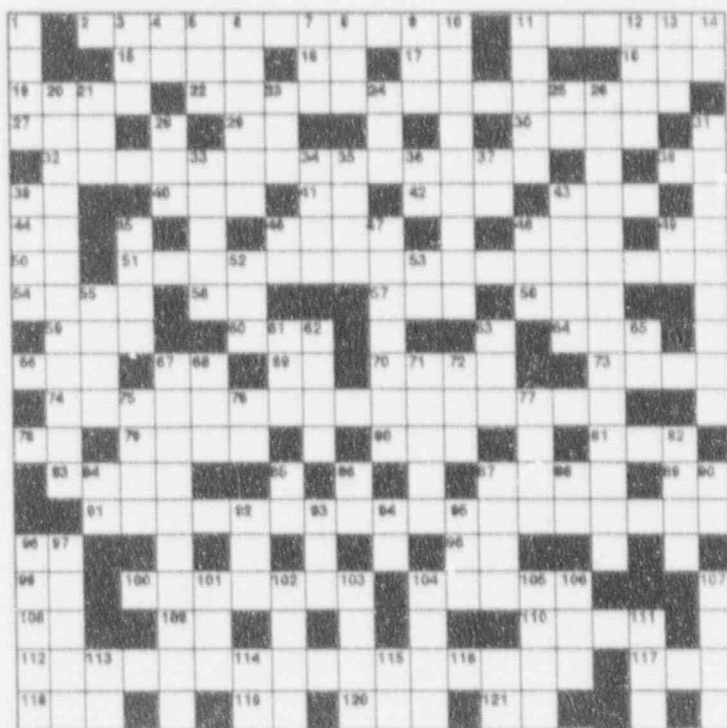
EWRA and the Magic Kingdom Club are planning another trip to Disney World. The dates are June 18 to 22, and the details will be announced in a few weeks. As with our past successful trips, employees will be able to purchase a complete package that includes round-trip airfare, or they may make their own travel arrangements. The package will include accommodations at Walt Disney World, admissions to all the Disney theme parks there, and many extras. Call 504-1732 for more information.

# Crossword Puzzle No. 49

## Resolutions

This special puzzle is designed to focus your interest on some possible New Year's Resolutions. Pay particular attention to the clues that are given in all capital letters. They're related -- somehow -- to our subject matter. This crossword puzzle, like the other NR&C crossword puzzles to date, was created using Crossword Magic software. If you would like to try your hand at creating a crossword puzzle, contact NR&C, 504-1732.

- |                                       |  |  |
|---------------------------------------|--|--|
| Clues Across                          | animal fluids                                | number   |
| 2 NUMBER ONE FOR MANY                 | 56 An affirmative reply in Madrid            | 118 Sea bird                                   |
| 11 Penny element                      | 57 Powerful explosive                        | 119 A bone                                     |
| 15 Sharpen                            | 58 Tourist's guide                           | 120 Govt agcy                                  |
| 16 Queen-in-waiting                   | 59 A dance in Paris                          | 121 First person pronoun                       |
| 17 M. Jackson role                    | 60 Switch setting                            |  |
| 18 Notre Dame locale                  | 64 Nathan Hale, for one                      | Clues Down                                     |
| 19 Hair style                         | 66 Ventilate                                 | 1 Try  |
| 22 MIND-EXPANDING IDEA                | 67 Part of a farewell                        | 3 Twice 117 Across                             |
| 27 Nickname for Dante's beloved       | 69 Per                                       | 4 Popular exclamation                          |
| 29 Sound of hesitation                | 70 Biblical brother                          | 5 According to                                 |
| 30 Seal in a way                      | 73 Look at in a way                          | 6 Strengthens                                  |
| 32 ANOTHER MIND-EXPANDING IDEA        | 74 WHAT A PROCRASTINATOR MIGHT RESOLVE TO DO | 7 Unusual or uneven                            |
| 38 Located                            | 78 Mr. Asner                                 | 8 Battle stat                                  |
| 39 Lure for consumers                 | 79 Some whiskeys                             | 9 Modern                                       |
| 40 Poetic contraction                 | 80 Scot's negative                           | 10 SEE AN-NOUNCEMENT OF EWRA JANUARY 7 PROGRAM |
| 41 Former spouse, for short           | 81 Sandy's cry                               | 11 Style                                       |
| 42 Lemon drink                        | 83 Popular roe source                        | 12 Ships' landing spot                         |
| 43 Automobile for short               | 87 Amphibian                                 | 13 Largest living deer                         |
| 44 Addams' cousin                     | 89 Morning time                              | 14 The, to Pierre                              |
| 46 Corn holder, so to speak           | 91 BECAUSE LEISURE TIME IS IMPORTANT         | 20 DO YOUR BIT FOR THE SONGSTERS THIS WINTER   |
| 48 JR to Peter Pan, in real life      | 96 As a result                               | 21 Operated                                    |
| 49 Bracelet type                      | 98 Calendar abbr                             | 23 Jackie's one-time spouse                    |
| 50 With n, a degree                   | 99 Physical stat                             | 24 A kind of pen                               |
| 51 THIS ONE WILL MAKE YOU FEEL BETTER | 100 Clancy setting                           | 25 Us  |
| 54 Watery                             | 104 School sessions                          | 26 ...AND KEEP THE DOCTOR AWAY                 |
|                                       | 108 Cry of pleasure                          | 28 Erode                                       |
|                                       | 109 Negative prefix                          | 31 WHAT TO DO IF YOU DO 32 ACROSS              |
|                                       | 110 Srs group                                | 33 Resides in                                  |
|                                       | 112 SEE 22 ACROSS                            | 34 St. Phillip                                 |
|                                       | 117 A cardinal                               | 35 World War II                                |



- |                            |                              |                                     |
|----------------------------|------------------------------|-------------------------------------|
| 36 Law                     | 75 Aloud                     | 105 Crime-fighting aid              |
| 37 Direction DC to Norfolk | 76 Like                      | 106 Pre-college exam                |
| 39 River islands           | 77 Press                     | 107 At large                        |
| 43 Soft drinks             | 82 Descend, often rapidly    | 111 Literary UVA alum               |
| 45 Repast                  | 84 Start of Santa's greeting | 113 A title preceding a vowel sound |
| 46 Meas.                   | 85 Four to Brutus            | 114 Negative response               |
| 47 Midst                   | 86 Popular auto. access.     | 115 Raise                           |
| 48 Total                   | 87 Visit the area            |                                     |
| 49 Negative prefix         | 88 Latin plural              |                                     |
| 52 Gaithersburg center     | 90 Funny Valentine           |                                     |
| 53 MD colleague            | 92 In toto                   |                                     |
| 55 Uncommon                | 93 Wheat beard               |                                     |
| 61 Marsh                   | 94 Chopping tool             |                                     |
| 62 Gala event              | 95 Native of, suffix         |                                     |
| 63 Away from home          | 96 Oil source                |                                     |
| 65 Friends' pronoun        | 97 Different                 |                                     |
| 67 ADD SOME FUN            | 101 Period of time           |                                     |
| 68 Time of life            | 102 Matures                  |                                     |
| 71 Sting                   | 103 Medicine measure         |                                     |
| 72 Yes to some             | 104 Tubby is a famous one    |                                     |

The solution to Crossword Puzzle 48 can be found on Page 31.

# SWAPPERS' CORNER

NR&C is always happy to include appropriate classified ads from its readers. There is no charge for this service. If you have an ad you wish to place, send the material, along with your name and telephone number, to NR&C, Mail Stop 17G21

## FOR SALE

**Art.** Treat yourself to that favorite fine art print or poster that you've been wanting for so long. I have access to many limited edition graphics and posters. Call Charlie at 504-1845 or 703-742-0911. (11/1)

**Authentic Persian Carpet.** Mashad design. Approximately 11 by 13 feet. Unbelievable value - \$2200. Call Brenda, 504-2020. (12/1)

**Bar Stools.** Two swivel arm bar stools. Wood with steel base. Call 301-236-0132. (12/1)

**Baskets A' Go Go.** Gift baskets for all occasions (showers, weddings, anniversaries, birthdays, holidays). You give us your ideas and we will customize a basket for you. Call 490-7185. (5/1 cont)

**Beautiful two-bedroom, two-full-bath condominium** on Connecticut Avenue next to Woodley Park Metro stop (Red Line). For sale or for rent. New building. Treetop view of Rock Creek Park. Fireplace, balconies, washer/dryer, garage parking. Superb location and facilities. Asking \$249,000. Rent negotiable. Call Chris at 401-421-4735. (1/1)

**Beveled-Glass-Top Dining Room Table** with six chairs. Mint condition. \$800/neg. Call Sue after 6 pm, 301-236-4521. (11/1)

**Boy's Clothing.** Sizes 7 & 8. Including: black leather cowboy boots, size 12-1/2; snow suit, size 8; all-weather coat with lining; suits, sweaters, pants, etc. All in excellent condition. Used only one season. Call 301-236-0132. (12/1)

**Computer Photos.** Your photograph on a computer diskette. \$5. I can take a live photo or copy an existing photograph. Call Mike, 504-1016. (5/1, cont)

**Custom Rancher.** Wheaton area. Walk to Metrorail. The main level has a foyer, living room with fireplace, dining room, three bedrooms, two baths, kitchen, and family room with wood-burning stove. This level also has shop/storage space (20 by 24 feet) that could be converted to a master bedroom and bath. Lower level has recreation room, bedroom, bath, living room, kitchen, and office or bedroom. There also is a fireplace on this level. There is a detached oversized garage that has a second floor storage/shop (24 by 36 feet). \$264,500. Must see to appreciate the many upgrades. Call 942-2407. (11/1)

**Duck, North Carolina.** Three-bedroom, one-and-a-half-bath cottage. Short walk to the ocean and the sound. \$126,500. 919-261-4183. (8/1)

**Epson Printer.** FX-850. Never used. Retail for \$460. \$250 or best offer. 504-2780 days, 468-6789 evenings. (12/1)

**Exercise Equipment.** Exercise in the comfort of your home - all winter long with the DP Fit for Life *Gymnast 2000* unit with bench. Includes a workout booklet that contains a total of 61 illustrated exercises for men, women, girls, and boys. In mint condition. \$175. Call 301-251-1784. (11/1)

**Fisher Wood Stove.** Twenty-five in. deep, twenty-nine in. wide, thirty-seven in. high. Eight-in. flue. Steel with firebrick lining. \$375. Will deliver to your home. Call Jim Myers, 504-2328. (11/1)

**Flash Attachment and Standard Lens.** For Minolta

## FOR SALE

**automatic.** Make offer. Call 301-869-1181 after 6 pm. (12/1)

**Fuel-Oil-Fired Boiler** for hot-water baseboard heating system. 151 mbh, internal hot water heater. Beckett burner. Includes all pumps, air vents, and air scoops. Unit was used for only two seasons. \$1000. Will deliver to your home. Call Jim Myers, 504-2328. (11/1)

**Furniture.** Maroon velvet sofa and loveseat, floral wing chair, leather-look wing chair with ottoman, end table, tv stand, and area rugs. Like new. Call Gary at 492-4057 or 301-718-0108. (1/1)

**Garage Door Opener.** Stanley. With two transmitters. 1/3 horse power. Excellent condition. \$75. For additional information, call 301-236-0132 after 5:30 pm. (12/1)

**Golf Clubs.** TaylorMade 9.5-degree driver, regular flex, \$39. Wilson Ultra 11-degree driver, graphite shaft, \$59. Mizuno MST 3, 4, and 5 metalwoods, \$62 each. Call Steve at 504-1537 or 301-840-8562. (12/1)

**Kramer Pacer Deluxe Electric Guitar.** Hot Seymour Duncan Pick-ups/Floyd Rose Tremolo. Like new. With case. Best offer. Please call Greg, 301-816-0395. (12/1)

**Ladies Nylon Color Block Jacket.** NEW. Purchased from Sears. Nylon quilted lining. Size Small (6-8). \$35. Jean Lee, 504-127-9. (11/1)

**Lionel Train 027 Series, "Silver Spike."** Consists of two locomotives and three passenger cars. Accessories included. Very good condition. Train set is only two years old. The price is negotiable. Call Jeff Wolman for more information at 492-3607 or 460-9577. (11/1)

**Loft Bed** for dormitory room. Very sturdy and stable. Adjustable height. Easily assembled with heavy-duty steel bolts. Non-warping wood. Original cost of wood, screws, and bolts, \$350. Will sell for \$100. Call Mort, 492-3794 or 301-983-0596. (1/1)

**Personal Computer.** Zenith dual 5-1/4-inch floppy disk drives, color monitor, and Panasonic printer. All for \$550. Call Gary at 492-4057 or 301-718-0108.

**Player Piano.** Schaff Bros. Upright with clawfoot stool. c. 1919. Cabinet and player mechanism need restoration. Call Peter Loysen, 301-871-6877. (12/1)

**Red Winter Week at Colorado Condominium.** Buy a time-share "floating week" (December - April) at beautiful Christie Lodge in Avon, Colorado. Unit is close to the Beaver Creek ski area, and is only six miles from Vail. This is a one-bedroom, one-bath unit with queen-sized sleeper in the living area and two bunk beds. Sleeps a total of six persons. The unit also has such amenities as a microwave, fireplace, color cable tv, and a small deck. The lodge itself is fully equipped with a swimming pool, jacuzzis, restaurants, ski shop, and much more. Buy now and use the week in the winter of '92. Call Jeff at 8-346-5074 or 215-269-2767. (1/1)

**Riverside Lots - Merritt Island, Florida.** Exclusive waterfront property on the East Coast, near the Kennedy Space Center. Ideal for retirement or vaca-

## FOR SALE

tion living. Only 33 lots available, ranging from 15,000 to 20,000 square feet. Each lot has its own boat dock or slip. Prices start at about \$60,000. Contact Thierry Ross, 504-1474 or 294-0319. (1/1)

**Single Family House.** Gorgeous corner residence on a lot that's more than 1/2-acre, within walking distance of the White Flint North NRC building. Completely renovated home in prestigious community. Four bedrooms, four baths, three fireplaces, country kitchen, in-law suite, pool. Dual heating and air-conditioning systems. All mechanical systems and appliances are new or near-new except washer and dryer. Reduced to \$399,000. Day phone, 504-2780, evenings, 468-6789. (12/1)

**Sports Cards.** Come to the Baseball, Football, and Hockey Man for the best in trading cards, autographs and memorabilia. Call Bill, 504-1239 or 774-5224. I return all calls! (cont)

**Tan 100 percent Cashmere Lady's Dress Coat.** Size 12. With one-button closure. Never worn. Tags still hanging. \$125. Call Brenda at 504-1215 or evenings at 202-635-0398. (12/1)

**Toyota Tercel 1983.** Five-speed. Two-door. Hatchback. AC, sunroof, excellent condition. Call Stacey, 504-1082, or 304-7368. (12/1)

**Two-bedroom, two-bath condominium** in the Dupont Circle/Adams Morgan area of Washington, D. C. Great location. Ten-minute walk to the Metro. On a quiet street around the corner from numerous shops, great restaurants, etc. Condo unit has a private street entrance, hardwood floors, a Jenn-Aire grill, and many other features. Also included in the price is garage parking and an extra storage area. Asking price is \$164,000. Call Jeff at 504-2996. (1/1)

**Volvo 1973 station wagon.** Model 145. Garaged since new. Original paint. Always maintained in perfect running condition. 108K miles. This one should be saved for a Volvo lover. \$2000. Bethesda. Contact C. Trammell at 504-3121 or 301-229-4211. (12/1)

**Yamaha Classical Acoustic Guitar.** Like new. With case. \$225 or best offer. Please call Greg at 301-816-0395. (12/1)

## FOR RENT

**Bahamas/Freeport Resort.** Beautiful oceanfront furnished, two-bedroom, two-bath unit. Sleeps six. Central air conditioning. Pool. Fully equipped kitchen. Saturday to Saturday. \$120 per day, or trade RCI Red Time anywhere. Could assist in finding low-fare air tickets. Call Chrissy, 703-938-7825. (11/1)

**Beautiful two-bedroom, two-full-bath condo** on Connecticut Avenue, next to Woodley Park Metro (Red Line). New building. Treetop view of Rock Creek Park. Fireplace, balconies, washer/dryer. Garage parking. Superb location and facilities. Rent negotiable. Call Chris at 401-421-4735. (1/1)

**Beaver Creek Ski Area Condo.** Beautiful one-bedroom, one-bath unit at Christie Lodge in Avon,

Continued on Page 30

# SWAPPERS' CORNER

## FOR RENT

Continued from Page 29

**CO.** The lodge has everything: swimming pool, jacuzzi, restaurant, ski shop, etc. Unit is equipped with microwave, refrigerator, fireplace, and color cable tv. Also has a queen sleeper in the living area and two bunks. Sleeps six. Close to Beaver Creek ski area, six miles from Vail. Call Jeff, 8-346-5074 or 215-269-2767. (1/1)

**Canaan Valley, West Virginia.** Large, three-bedroom, two-bath house in Canaan Valley, near Timberline and Canaan Valley ski slopes. Rental by week or weekend. Call 301-681-8531. (12/1)

**Condominium.** One-bedroom unit, in Rockville/Bethesda area. Walking distance to Headquarters. New carpet and curtains, upgraded bathroom fixtures, spacious closet. Kitchen with washer/dryer. Heating and air conditioning. Condo area includes tennis courts, swimming pool. Close to shopping. Rent of \$675 per month includes utilities. Available immediately. Contact Susan Hopkins, 492-4276. (12/1)

**Deep Creek Lake.** Winter vacation home rental. Paradise Point, near Wisp downhill ski area and New Germany and Harrington Manor cross-country ski areas. Three bedrooms, two baths. Sleeps six. Fireplace. Magnificent view. \$350 per weekend. Call 703-356-2589 weekends. (12/1)

**House in Kensington.** Two-bedroom rambler. Dining room, large rec room in basement, air-conditioned, large fenced yard. Washer/dryer included. Near Bethesda and White Flint (ten minutes). \$850 per month plus utilities. Call 492-7034 or 946-0649 (evenings). (11/1)

**Lovely Furnished Room** in large, quiet house within walking distance to NRC. \$375 includes utilities, full-house, and pool privileges. Parking off street. Short- or long-term. No pets. Non-smoking female preferred. Call 504-1732, day, 468-6789 evenings. (12/1)

**Ocean City Condo.** Two bedrooms, two full baths. Living room, dining room, central air conditioning, fully equipped kitchen, cable TV. Sleeps eight. 53rd street, ocean block. Public tennis courts nearby. Excellent golf course within five minutes. Second floor of three-story building. Call W. Haas, 504-3219 or 301-983-1297. (10/1)

**Ocean City Condo.** Large two-bedroom, fully furnished and equipped oceanfront condo. Sleeps eight. In the Irene, at 11th street and the ocean. Daily and weekly rentals out of season. Discount rates for NRC employees. Call 881-0278 after 6 pm. (10/1)

**One bedroom deluxe unit.** For rent. \$690. Or for sale. At the Forum. Pool, sauna, tennis, secretarial service. Near subway, White Flint. Call evenings 301-299-2248. (12/1)

**Secluded Riverside Farmhouse.** 19th century farmhouse located on eight acres on a small river in the Blue Ridge foothills (Greene County, north of Charlottesville, VA), only a two-hour drive from Rockville (less than 100 miles). Farmhouse sleeps six (it has two double beds and two single beds). There is play equipment for children. Close to Shenandoah National Park. Foundations and millstones from old water-powered mill on property. Property offers a modern kitchen, and has a washing machine. Otherwise you step into the past. There is no TV, no VCR.

## FOR RENT

It is located just off a State Road, but it is also very secluded. When the leaves are on the trees, you can see no other house. Farmhouse is fully furnished. Rentals available for a weekend, for a week, or by the month. Reasonable rates, varying with season. For information, call Bob and Nancy Hale, 703-923-4798. (10/1)

**Two Bedroom** high-rise condominium located near the Shady Grove Metro station. Available now. \$800 per month rent includes all utilities and swimming pool privileges. Call 301-654-4318. Please leave a message. (11/1)

**Two-bedroom, two-bath** condominium in the Dupont Circle/Adams Morgan section of Washington, D. C. Great location. Unit is only a ten-minute walk to the Metro. It is located on a quiet street around the corner from numerous shops, great restaurants, etc. Condominium unit has a private street entrance, hardwood floors, a Jenn-Aire grill, and many other features. Also included are garage parking and an extra storage area. One-year lease preferred, but will consider a shorter term lease for NRC employees. Rent is only \$1200 per month. For more information, call Jeff at 504-2996. (1/1)

## SERVICES

**Calligraphy.** For your special reason or occasion. Invitations, signs, framed messages. Call 301-984-3515 and leave message. (12/1)

**Computer Services.** IBM/IBM PC clone, Atari ST, or Commodore systems repaired at reasonable rates. Will also "build" computer systems to your specifications. Call Mike at 428-3775. (cont)

**Custom Window Treatments.** Wonderful Windows -- custom window treatments at affordable prices. Call 301-489-7215. (cont)

**Framing.** Tired of staring at blank walls? I will professionally frame your fine art, posters, and photos at below-gallery prices. Call Charlie at 504-1845 or 703-742-0911. (11/1)

**Handyman.** Will fix just about anything in your home. Call Don, 301-590-0590. (cont)

**Home Improvements.** Kitchen, bathrooms, decks, additions. We do it all. Call Larry, 301-921-1077. (cont)

**Housecleaning.** Hourly rates. Minimum two hours. Call Christine, 492-3610, evenings, 593-1389. (cont)

**Landscaping Services.** Will beautify and maintain your lawn for a reasonable price. Call for free estimate today for the months ahead. 202-574-2446. Please leave a message. (cont)

**Painting.** Excellent painting at reasonable rates. Call Joe, 301-236-0410. (cont)

**Plumbing, Appliances** and plumbing services. Water heaters, heat pumps, gas and electric ranges, air conditioners, etc. 24-hour-a-day service. Call 301-990-6733 or 301-990-5458 (beeper). (12/1)

**Professional Editorial Assistance.** For professional editorial assistance with your writing or advertising needs, call 301-984-3515. Award-winning writer with ten years' experience can make it sound great at reasonable rates. (12/1)

## SERVICES

**Real Estate.** Discount real estate brokerage service in Maryland and Virginia. Negotiable rates. Call 301-990-8983. (cont)

**Self-Defense Training.** Tomiko Aikido. Tuesday and Thursday, 8:30 pm to 10 pm. Saturday, 10:30 am - noon. Judo, Saturday noon - 1:30 pm. Very reasonable rates. Beginners, all belt levels welcome. Taught in Columbia, MD, by a non-profit organization. NRC contact John Randall, 492-3873.

**Tax Services.** Time to start planning for the 1991 tax filing season. Tax planning and preparation, retirement considerations. 20 percent discount to NRC employees. Call 301-384-0344. (thru 4/1)

**Typing.** Typing services available in my home. Reasonable rates. Call Liz at 570-9542. (cont)

## WANTED

**Car Pool Members.** From the vicinity of Montgomery County Airport on K site 124 in Gaithersburg to White Flint/Nicholson Lane Buildings. Hours 7 am to 4:45 pm. Call Joe Mate, '92-3795. (cont)

**Car Pool Riders.** From Germantown to Bethesda. Hours 7:30 am to 4:15 pm. Call L. Anne Kidd, 492-4127. (cont)

**Florida Rental.** Retired couple interested in a reasonably priced accommodation for two to four weeks between January and March 1992. Rental property must be south of St. Petersburg and/or south of Vero Beach. Please call 301-384-4886. (11/1)

**Good Home.** Looking for a good home for a two-year-old cocker spaniel. Quiet temperament. Champagne colored. Pure bred. Just want a loving home for her. Call Sue after 6 pm at 301-236-4521. (11/1)

**Ithaca Deerslayer II,** 12-gauge shotgun with 20- or 25-inch rifled barrel. With or without scope. Call Clyde Shiraki, 504-3101. (1/1)

**Roommate for short-term lease** (six months or so). M/F non-smoker to share two-bedroom, one-bath apartment in Gaithersburg. Large kitchen and balcony, w/d in building. Parking, good neighborhood. Easy commute to NRC. Must tolerate cats. \$300 per month includes utilities. Perfect for someone who needs a place to stay while looking for a permanent apartment. Call Heather at 504-3466. (1/1)

**Soccer Pins.** Serious soccer pin collector wants to purchase club, association, and tournament pins. Will buy complete collections or single pins. Any quantity. Will pay all expenses. Contact Gary Konwinski, 5270 S. Zinnia Ct. Littleton, CO 80127, call 303-979-7928 or 303-231-5807. (cont)

**Table Saw.** Either 10- or 12-inch. Prefer one powered by 110-volt household current, but will consider a 220-volt saw if the price is right. Also want other power and hand tools that are essential for cabinet making. Call Clyde Shiraki, 504-3101 (1/1)

**Talented and Motivated Boys** (born after July 31, 1980) interested in tryouts for one of the top select soccer teams in Maryland (Seneca Fury, Division 1 of the National Capital Soccer League). Call Kamal Manoly for details. 504-2765 (work) or 301-990-9444 (home). (cont)

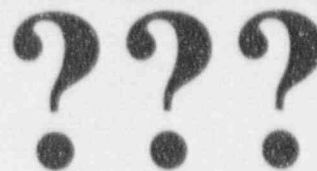




## Puzzler No. 49

### THE TTC

Submitted by Roy Voegelé, OGC



*In the Kingdom of Mortania, noblemen always speak the truth and peasants always lie. That is a rule to which there are no exceptions, ever.*

*With that rule as an absolute given, assume you are walking down a road in Mortania and you meet three Mortanians. You ask the first one, "What are you, a nobleman or a peasant?"*

*He answers, but you cannot hear his answer. So, you turn to the second Mortanian and ask, "What did he say?" The second Mortanian says, "He said he was a nobleman."*

*The third Mortanian then looks at the second Mortanian and says, "You lie!"*

*Based on their responses, what was the second Mortanian, a nobleman or a peasant, and what is the third?*

Continued on Page 31



## RIDESHARING REPORT

### Make Your New Driving Resolutions Now

January is the time for making resolutions, so why not pick up this popular habit and make one yourself that will

- o Save you a lot of money.
- o Improve your work habits.
- o Make you a happier person during the dark winter months.
- o Help preserve the a healthy environment for yourself, your family, and your friends.

How can you do all that with one resolution? It's simple: resolve to join or form a car pool or a van pool. Here's how it works:

- o **Save money.**

How much do you now spend to drive to work? Sixty dollars a month for parking, a hundred for gas and oil? Even more for

insurance? That's about two thousand dollars a year! Car pool with just one other person and you've saved your self a thousand dollars! Talk about easy money! Better yet, join a van pool where someone else does all the driving and you may be able to get rid of a second family car. Imagine doing away with one set of car payments. We're talking a lot of extra money in your pocket every month, enough in a year to take the kids to Disney World or yourself and a friend (or spouse) to Paris.

- o **Improve your work habits.**

In the morning, it's always very tempting to roll over for another forty winks. And, it's a well-known fact of business life that work expands to fill the time allotted for it. Moreover, if you don't have a deadline, you may dawdle and fritter away time.

Being in a car pool or van pool can eliminate those problems. When you know you are responsible for picking up someone else, or that someone else will be at your door in the morning, you will

Continued on Page 31