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## Former NRC Chairmen Come for Lunch



IT WAS STRICTLY A SOCIAL OCCASION -- a bit of auld lang syne -- when six former Chairmen came to White Flint recently to have lunch with Chairman Selin and the other Commissioners. Shown posing for photographer Dan Delin are, from the left, former Chairman Nunzio J. Palladino, former Chairman Joseph Hendrie, Commissioner Kenneth C. Rogers, former Chairman Vice Admiral Kenneth M. Carr, Commissioner Forrest J. Remick, Chairman Selin, former Chairman Vice Admiral Lando W. Zech Jr., former Chairman Marcus Rowden, Commissioner James R. Curtiss, former Chairman William A. Anders, and Dr. E. Gail de Planque, whose nomination to become a Commissioner was recently confirmed by the Senate.

### *What's in NR&C?*

*Is a USNA background important at NRC? See "Ask the Chairman" on Page 3. Also read about the annual appeal for "Operation Needy" beginning on Page 4, and about "Toys for Tots" on Page 6.*

*Don't miss a tale of the War in the Persian Gulf beginning on Page 11, and read all about LANs on Page 18. For more, see the index on Page 2.*

# Take Note

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## Plan Ahead

Weekly, through the December holidays. Vendors outside the New Reg Cafe, first floor, One White Flint North. Plan to do your holiday shopping here. Save money and benefit the EWRA.

**December 14, Saturday. EWRA Holiday Party.** Navy Officers Club, Bethesda.

**December 17, Holiday Happenings** for all Headquarters employees.

**January 17 -19, Ski Trip to the Poconos.** Sponsored by EWRA. Call 492-1732 for reservations.

**February 13, Trip to London.** Sponsored by EWRA. Call 492-1732 for information.

**Coming in 1992. 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 Administration:** Diana Clark, contract negotiator; William Dixon, transportation specialist.

**Office for Analysis and Evaluation of Operational Data:** Alan Madison, reactor operations engineer.

**Office of the Controller:** Edward New Sr., senior budget analyst; Tonya Newman, cashier.

**Office of Information Resources Management:** Margaret Connyngham, Section Chief (returning from the International Atomic Energy Agency); Tanzeena Kabir, management assistant; James Schaeffer, technical program manager.

**Office of the Inspector General:** William McDowell, senior auditor.

**Office of Investigations:** Vanessa Byers-Dandeneau, investigator (Region II).

**Office of Nuclear Material Safety and Safeguards:** Patricia Holohan, health physicist.

**Office of Nuclear Reactor Regulation:** Nina Barnett, secretary.

**Office of Nuclear Regulatory Research:** David Ebert, nuclear engineer; Michael McNeil, metallurgist.

**Office of Personnel:** Marion Campbell,

personnel assistant.

**Office of the Secretary:** Thomas Smith, reference librarian.

**Region I:** James Bondick, health physicist; John Lusher, emergency preparedness specialist; Michael Perkins, processing assistant.

**Region II:** Linda Chattin, resident office assistant.

**Region III:** David Nelson, radiation specialist; Sharon Wagner, radiation specialist (intern).

## Departures

Those who left the Agency during the same period included the following persons:

**Office of Administration:** Arnold Gilderhorn, contract administrator.

**Office of Investigations:** Owen Shackelton, senior investigator, Region V (retired); Chester White, Region I Field Office Director.

**Office of Nuclear Reactor Regulation:** Frederick Daniels, senior operations engineer; Theodore Szymanski, senior reactor engineer (retired).

**Office of Personnel:** Mary Larson, office manager; Harriet Saylor, secretary.

**Region III:** Scott Adams, reactor specialist; Marie Stahulak, information management specialist.



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 492-1732. 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 492-1732 or 492-1719.

## Ask the Chairman!!

by Chairman Selin

I'm impressed by the questions I've been receiving from you. They show your interest in and concern about a lot of different subjects, from personnel issues to consolidation. You keep the questions coming, and I'll provide the answers, through this column, as quickly as feasible.

The question I'm answering this month is one that's been raised in several different letters. This particular letter raises several different issues.

**Question:** During your tenure as head of the Agency, you will preside over its most massive restructuring since its inception, as a significant percentage of the current Senior Executive Service retires after completing their "high three" in January 1993. (Estimates run as high as 50 percent.)

You implied in your meeting with the staff when you first became Chairman that you felt the grades at the Agency are too high relative to other Federal agencies. Do you still hold this view? And, if you do, is it your intent to make a conscious effort to reduce the number of Senior Executives in the Agency?

It is a widely held perception among the staff that a Naval Academy background is almost a requirement for senior advancement in the Agency. Do you feel that this has been correct? If you feel it has been correct, will you affect the promotion process sufficiently that it is no longer true?

I hope you understand my reluctance to sign this question. I do not feel I would have any career left in the Agency if this letter appeared over my signature.

**Answer:** First of all, I didn't go to the Naval Academy, so I don't consider a Naval Academy background a requirement for a senior position here. We have a lot of Naval Academy graduates on the staff -- at various levels -- because the Navy's nuclear power program has trained a lot of people. Beyond that, as I hope I have made clear in everything I've said on the subject, I want to make sure we have the best people in every job. I also want to make sure that we have an equal employment opportunity climate, where everyone has a fair shot at getting ahead, and I want to strengthen our recruiting -- particularly when it comes to attracting additional qualified women, Blacks, Hispanics, and other minorities who are under-represented in some areas -- and at some levels -- today. And, yes, I think we can affect the recruitment and promotion processes in a way that will make this happen.

As to the other issues you raised, first let me say your estimate of the number of senior managers who may be retiring starting in January 1993 is accurate. In fact, even more are likely to retire in the following few years. That is going to present both challenge and opportunity. It's going to be a challenge, because there's no question, we are going to be losing some very talented people. Finding the right replacements -- and replacing the body of corporate knowledge that we'll be losing -- won't be easy. But it also will give us a good opportunity to take a hard look at our overall organization -- including grade structures -- to see what adjustments, if any, should be made. As I've said to some of you already, a lot of people don't realize how well treated the NRC is, in that we have our full complement of Senior Executives, which we need in this highly specialized Agency.

However, even if we make some changes, the anticipated exodus of senior staff is going to create an unprecedented number of promotion opportunities within a relatively short period. That should be good news for those at the beginning or middle of their careers.

Finally, I think perceptions are important. I am determined that everyone here will have equal employment opportunity, based strictly on qualifications, and I would like to think that everyone who works here is free to express an opinion -- or ask a question such as you've asked -- without fear of repercussion. I don't like the fact that you -- and others who've written to me anonymously on this and other subjects -- *perceive* otherwise. Those are perceptions I want to change, and I believe that the best way to do this is to ensure that we have a fair recruiting and promotion environment.

*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.*



# Help Those Who Need Help:



BOB NEWLIN, GLADI ORDAZ, and VAL SHANNON look at one of this year's "Operation Needy" boxes.

Through "Operation Needy," Headquarters employees will again be able to help those in need enjoy a happier holiday season. Non-perishable food items are being collected through December 20 and will be distributed throughout the area to families that need extra support at this time of year.

As in past years, brightly decorated "Operation Needy" boxes will be placed in Headquarters buildings, in lobbies and/or near elevators on other floors to make it convenient for employees to deposit their contributions.

The twenty-two box locations for this year, with the contacts and their telephone numbers, are listed on the page at the right.

Food contributions received early in the drive will be delivered to the Silver Spring HELP organization. Last year, Silver Spring HELP delivered holiday food baskets to more than eleven hundred needy families.

"Because Silver Spring HELP has to complete the packing of these baskets well before Christmas, we'll have to make our first NRC delivery there December 11," said Bob Newlin, Deputy Director of Public Affairs, who has been "Operation Needy" Chairman since 1985.

Later NRC will deliver food to the Damascus HELP and the Damascus Lions joint project in upper Montgomery County. The recipient list for this project has increased to two hundred and fifty families this year.

Both the Silver Spring and Damascus groups collect from many organizations in their efforts to meet the needs of as many families as possible.

In addition to contributing to the Silver Spring and Damascus projects, "If other special needs are made known by NRC employees, we will make every effort to handle these requests, if at all possible," Mr. Newlin said.

Last year was a record year for NRC giving, he said. Employees contributed enough food to fill sixty-five boxes that were delivered to the Silver Spring and Damascus organizations and to specific families proposed by NRC employees.

In the first "Operation Needy" drive in 1985, enough food was collected to fill thirty-six boxes. Every year since, with one exception, that number has grown.

"We're hoping that the NRC spirit of giving this year will again surpass the previous year," Mr. Newlin said. "We're shooting for seventy or more boxes this year, because the number of needy families is at a new high."

Questions about "Operation Needy" should be directed to the contact persons listed on the page at the right or to the Office of Public Affairs, 492-0240. Valerie Shannon of Public Affairs is the coordinator of the contract persons and publicity. She, Gladi Ordaz, and Pat Carey, also of Public Affairs, decorated and distributed the collection boxes.



# Support Operation Needy

## Where You Can Leave Your Contributions

<b>Building</b>	<b>Box Location</b>	<b>Contact</b>	<b>Telephone</b>
<b>East West West</b>	4th floor reception area 5th floor, 542	Nola Hughes Carlotta Blatchford	492-9093 492-9093
<b>Maryland National Bank Building</b>	3rd floor, 3701 4th floor, 4215 6th floor, 6111 11th floor, 11104	Jackie Raines Rita Jacques Jan Dambly Rhonda Baker	492-4848 492-8742 492-8120 492-7535
<b>Nicholson Lane</b>	Lobby	Jayne McCausland	492-3643
<b>Phillips</b>	Main lobby 9th floor, 904	Lionel Watkins Debbie Neff	492-7805 492-4800
<b>White Flint</b>	Lobby 2nd floor 3rd floor 6th floor 9th floor 11th floor 13th floor 15th floor 16th floor 17th floor	Valerie Shannon Gladi Ordaz Juanita Bowers Sally Cornell Leonard Cobb Karen Cotton Vonna Ordaz Nancy Dube Doris Mossburg Cathy Jaegers	492-0240 492-0240 492-0347 492-0673 492-0972 492-1179 492-1391 492-1515 492-1674 492-1703
<b>Woodmont</b>	3rd floor, 312 4th floor, 450 5th floor, 502	Maria Dolan Pat Colenza Lorna Pini	492-4513 492-8234 492-4661

## Annual "Toys for Tots" Campaign Is Underway



**WANT TO HELP MAKE CHILDREN HAPPY THIS HOLIDAY SEASON?** Tremaine Donnell of the Office of Information Resources Management displays one of the decorated boxes ready to receive "Toys for Tots." Once again this year, the NRC Chapter of Blacks in Government will be collecting toys for children who otherwise might not receive them. The collection drive will last through December 20. Toys will then be delivered to the Marine Barracks at Anacostia, for distribution throughout the area. For additional information on the drive, contact Tremaine at 492-1249.

## NRR Presents Employee Performance, Service Awards

In recent months the Office of Nuclear Reactor Regulation presented awards as follows:

### *High Quality Increase Awards*

Claudia Abbate, Division of Reactor Projects III, IV, and V (DRPW); David Allsopp, Program Management, Policy Development and Analysis Staff (PMAS); Kazimieras Campe, Division of Radiation Protection and Emergency Preparedness (DREP); Michael Chaney, PMAS; Orm Chopra, Division of System Technology (DST); Tracy Clark, Division of Reactor Projects (DRPE); Clifford Douit, DST; Yvonne Edmonds, DRPW; Caryn Fairecloth, DST; Pamela Foust, PMAS; Amritpal Gill, DST; Clare Goodman, Division of Licensee Performance and Quality (DLPQ); Edward Goodwin, DST; Siegfried Guenther, DLPQ; John Hickman, DRPW; Leslie Hill, DRPW; Thomas Kenyon, Division of Advanced Reactors (DAR); Gerald Klinger, PMAS; Yueh-Li C. Li, DET; Patrick Madden, DST; Richard McIntyre, Division of Reactor Inspection and Safeguards (DRIS); Wilda Mullinix, PMAS; Paul O'Connor, DRPW; Janak Raval, DST; Gene Suh, PMAS; Michael

Waterman, DST; Steven West, PMAS; Richard Wilson, DRIS.

### *Performance Awards*

Richard Becker, DRPE; Ramon Cilimberg, DRIS; George Dick, DRPW; Elliott A Greher, PMAS; Joseph Gitter, PMAS; Stephen Hoffman, DRPE; Brian Holian, DRPW; Chris Hoxie, Division of Operation Events Assessment (DOEA); Alice Keller, DET; Armando Masciantonio, DRPW; Steven Matthews, DRIS; Rebecca Nease, PMAS; Ronald Parkhill, DAR; Robert Pulsipher, DRPW; Lynn Sapp, PMAS.

### *Special Achievement*

Rozier Carter, DRPW; Ira Dinitz, PMAS; Robert Gramm, DRPW; Philip Joukoff, DRPW; Carl Mohrwinkel, PMAS; Thierry Ross, DRPE; Charles Trammell, DRPW; Keith Wichman, DET.

Continued on Page 31

# The Environment

## Conserve! 'Tis a Special Season for It!

With all the excesses of the holiday season, it's important to remember that with some planning, you can follow all your traditions and save the environment at the same time. Here are a few suggestions:

### Let Your Fingers Do the Walking.

Yes, let your fingers do the walking through the yellow pages (or the *One Book*). Before you get in your car and waste gas and hours driving from mall to mall in the quest of certain gifts for those on your list. Make a few phone calls first.

You may even save money, too, as one Rockville resident recently did. She had decided to buy "Where in the World Is Carmen San Diego?" as a Christmas gift for her daughter. With every phone call she made, she seemed to find an even better price. She stopped making calls when she found one vendor whose price was half that of the first store she had called -- and free, next-day delivery was included.

### Save a Tree.

Is this the year to get a *permanent* (i.e., artificial) Christmas tree? Even the most die-hard traditionalists should think about it. You will be saving a tree (well, maybe not this year, because trees are already cut, but a diminished demand will mean fewer trees cut next year). You also will be saving time, money, and gas (spent every year going from lot to lot looking for the *perfect* tree, to say nothing of the cost of the tree year after year).

Permanent trees also won't dry out, so you won't have a fire hazard if you don't promptly un-decorate, and they don't create a mess (with dropping needles) when you do. You also don't have to worry about disposal after the holidays.

So you're not convinced. You still want that nice, natural evergreen scent in the house -- and the scent from a spray can just won't do it. Consider a living tree. That is a tree purchased from a nursery that, after Christmas, will be planted in your garden. What a great idea! But, there are a few things to remember.

First, dig the hole for the tree in advance. We might have a frost that would make it impossible -- or at least difficult -- for you to do it later. Dig the hole -- bigger and deeper than you think necessary -- and cover the hole and the dirt with heavy plastic or a tarp until you're ready to plant the tree.

After you buy your tree and bring it home, keep it outside as long as possible. Be sure to keep it well watered. Reviving old traditions and bringing it in and decorating it Christmas Eve would be the best idea. Then don't keep it in the house too long after Christmas. You won't really be ending the holiday season early -- because every time you look outside, you will

see the tree and remember Christmas.

### Greet Your Neighbors.

Yes, greet your neighbors, and your colleagues at work, with a cheery "Happy Holidays" and "Best Wishes for the New Year." Your friendly smile and warm words will be so much more meaningful than cards. Save those for shut-ins, people you rarely see, and old friends around the country. And, at the same time, you'll be saving paper, time and money! As for the cards that you receive, save them. You can cut out that picture of a snowman or Christmas tree and use it as a package decoration or a gift tag for next year.

### Turn Off Those Lights.

Christmas lights look lovely, and they put everyone in a holiday mood. But, turn them on judiciously, and turn them off when you are going to be leaving the room for an extended period of time. Most importantly, turn them off when you leave the house or when you go to bed at night. You'll save on electricity, and you'll be playing it safe. Unattended tree lights are a major fire hazard.

### Wrap Wisely.

Gay wrapping paper is nice -- but wrap your gifts with conservation in mind. Measure paper carefully so you don't use more than you have to on each gift. As you go along, save those scraps of paper. You can use those to wrap small gifts or stocking stuffers, or you can use the scraps to make name tags. Before the days of tape, ribbon around a package helped hold the wrapping in place. These days, it's just an added touch. Just a bow creates about the same effect -- and saves. Speaking of saving -- as you wrap gifts this year, save as much paper and as many bows as you can -- for re-use next year.

### Ponder the Yule Log -- But Don't Necessarily Burn It.

A brightly burning yule log was a wonderful holiday tradition. When the fireplace was the only way to heat a room or a house, the heat it gave off was important. But today, thanks to that brightly burning yule log, you're probably wasting heat up through the chimney. So fill your fireplace with logs and greens, and maybe a bow or two. Just don't light it. Or, if you feel you must, close the door to the room where the fire is burning so you won't draw heat from the rest of the house.



## RES Hosts 19th Water Reactor Safety



**CHAIRMAN SELIN**  
and Eric Beckjord,  
Director of the Office of  
Nuclear Regulatory Research,  
chat before the opening  
session.

More than six hundred persons — from the United States and abroad, and from government, industry, academia, public interest groups, and the NRC staff — attended the 19th Water Reactor Safety Information meeting sponsored by the Office of Nuclear Regulatory Research.

They included nearly four hundred persons from government, industry, academic, and public interest groups, as well as ninety-four persons from eighteen foreign countries.

Chairman Selin opened the three-day session with a discussion of the priorities he has set for his tenure. Also at the opening session, Eric Beckjord, Director, RES, welcomed the participants. At the plenary session Tuesday afternoon, Mr. Beckjord discussed developments in the RES program.



Breakout sessions were held on a variety of topics including severe accident research, pressure vessel and piping integrity, advanced reactor research, metallurgy and nondestructive examination, structural engineer, aging and components, advances passive light-water reactors, human factors research, human factors issues related to advanced passive light-water reactors, severe accident policy implementation, earth sciences, probabilistic risk assessment, accident management, and thermal hydraulics.

**FAROUK ELTAWILA**  
and **THEMIS SPEIS**  
listen to the Chairman's speech.

## Information Meeting; More Than 600 Attend



A VIEW OF THE  
AUDIENCE at the opening  
session.

RES employees who were session chairs included Charles Adler, David Bessette, James Burnis, Frank Coffman, James Costello, Farouk Eltawila, James Johnson, Norman Lauben, Richard McMullen, Zoltan Rosztoczy, Brian Sheron, Charles Serpan, and Gerald Weidenhamer.

The meeting was held October 28 to 30 at the Bethesda Pooks Hill Marriot. The program was coordinated by Brookhaven National Laboratory.



AMONG THE PARTICIPANTS  
WERE, left,  
Jay Persensky and, right,  
Frank Coffman.

## *It's a Matter of Ethics*

by Gerri Fehst, Office of the General Counsel

*This is the second of a regularly featured general informational column by designated counselors in the Office of the General Counsel on issues and developments concerning conflict of interest matters.*

With holiday parties in the offing, 'tis the season for NRC employees to question whether they may attend functions hosted by licensees, contractors, law firms doing business before the NRC, or other organizations that could be affected by NRC decisions.

Office of Government Ethics regulations, NRC regulations in 10 CFR Part 0, and internal NRC policy provide the guidelines for acceptable NRC employee conduct in these matters. Based on these guidelines, the Office of the General Counsel offers the advice that follows.

o **If a holiday party is being hosted by a single entity**, such as a licensee, contractor, or a single law firm practicing before the NRC, the general rule is that an NRC employee cannot accept food and drink on such occasions unless the employee pays his or her reasonable fair share of the value of the refreshments. Since payment for the refreshments could become a sticky matter at the function itself, it would be wise to make arrangements for payment in advance of the party.

o **The pay-your-own-way restrictions disappear** when the party is hosted by more than one organization. If, for example, the party is hosted by more than one licensee, or by more than one law firm practicing before the NRC, or by a trade association whose membership consists of many different entities, then the employee may attend without paying his or her fair share of the cost of refreshments.

Such parties may fall within the category of "widely attended gathering of mutual interest to the government and the private sector" where the impact of any apparent or real

conflict is diluted by the greater number of entities hosting the function.

Even with "widely attended gatherings," however, a few restrictions still apply. The food and refreshments offered must not be excessive.

Additionally, the employee's immediate supervisor (or in the case of a Commissioner, the Commissioner), after consultation with an OGC ethics attorney, must make a written determination that it is in the interest of the NRC for the employee to attend the gathering, and that attendance at the event will not create any appearance of impropriety.

o **Additional restrictions** are contained in the NRC Inspection Manual. These restrictions apply to employees in the Office for Analysis and Evaluation of Operational Data, the Office of Enforcement, the Office of Nuclear Material Safety and Safeguards, and the Office of Nuclear Reactor Regulation, as well the Regional offices. The Manual provides that these NRC employees may not attend or make donations for licensee parties inside the regulated facility.

The Inspection Manual also provides that NRC employees such as inspectors of a power reactor licensee or those who live near a licensed reactor in operation or under construction can host or attend neighborhood holiday functions so long as the event is not restricted to licensee or contractor employees and conversations remain on a strictly social level.

If any individual has questions regarding attendance at holiday functions or any other ethics-related matters, please do not hesitate to contact Gerri Fehst or John Szabo, ethics counselors in the Office of the General Counsel, at 492-1606.

## *Consumers Resource Handbook Is Available*

Copies of the Consumers Resource Handbook are available through the Office of Public Affairs, free of charge, on a first-come, first-served basis.

The ninety-eight-page booklet includes practical advice and a listing of consumer resources. The first part of the booklet, entitled *How To Be a Smart Consumer*, includes articles on how to get the most for your money, how to avoid consumer problems, how to handle complaints, and how to write a complaint letter. It also includes consumer tips on subjects from airline travel to warranties.

The second part of the booklet, the Consumer Assistance Directory, gives the names of the people to contact when you have a complaint. The listing includes corporate consumer contacts, car manufacturers, Better Business Bureaus, trade associations, and other dispute resolution programs, as well as various local, state, and Federal consumer agencies. For more information, call 492-0240.

**Consumer Hint:** Beware of car dealerships that use a fancy computer printout to try to show you that financing a car is a better deal than paying cash!



## *"It Was Like Standing at the Gates of Hell...."*



### OIL FIRES BLACKEN THE SKY AT MIDDAY IN KUWAIT.

"It was like standing at the Gates of Hell."

The roaring flames, the heat, the smell, the darkness at noon, and the noise. Yes, noise. The loud and rumbling noise of the oil well fires set by Saddam Hussein and his forces in his ultimate act of disdain for the world.

These are the sights, sounds, and sensations etched in the memories of two Headquarters employees who were called to active duty with their Army Reserve units during the War in the Persian Gulf -- Jim Myers of the Office of State Programs and Ron Smith of the Office of the General Counsel.

"It was incredible," Mr. Myers recalls. "The only other comparable experience that comes to mind is being ready to jump from a C-141. You're there, ready to go. The giant doors of the plane open with this awful screeching sound of agonizing metal. And you wonder, 'What am I doing here?'"

Mr. Myers is an Army Reserve Captain, a Special Forces Officer, assigned to the 403rd Civil Affairs Company out of Mattydale, New York. Mr. Smith, an Army Reserve Colonel, is currently Assistant for Reserve Civil Affairs, Office of the Assistant Secretary of Defense, Special Operations/Low Intensity Conflict, Pentagon.

Just about a year ago, their relatively calm, peaceful lives were interrupted, and they were called to serve in the War in the Gulf.

Recently they shared some of their memories and impressions with *NR&C*.

Mr. Smith went on active duty in Washington December 1, 1990, deployed to Saudi Arabia on January 19, just a few days after the start of the air war, and went to Kuwait March 1.

Mr. Myers left this area December 27, went briefly to Fort Bragg, North Carolina, and also left for Saudi Arabia January 19.

In a war, Civil Affairs units generally are intended to serve as an interface between the military and the civilian population, to reduce civilian interference with military combat operations, to help ensure that emergency services are provided for the people, and to help get the infrastructure -- the electricity, roads, schools, and the like -- operating as normally as possible as soon as possible after the fighting is over.

But, in the War in the Gulf, their roles were somewhat different.

Fortunately, because of the short duration of the conflict, many anticipated problems didn't materialize, so the Civil Affairs units were called upon to deal with others that arose unexpectedly.

Mr. Myers' unit arrived in Al Jubail, Saudi Arabia, which is on the Persian Gulf, January 20. Al Jubail is just 40 miles north of

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# The Gulf War

Continued from Page 11

Dahran and Daman, the bases all those broadcasters identified as "somewhere in Eastern Saudi Arabia."

Although Mr. Myers' company is an Army unit, it was attached to the First Marine Expeditionary Force. During the ground operations, he served with a detachment composed of eight soldiers and eight marines at Al Khanjar, near the "elbow" in the Saudi-Kuwaiti border.

"We went right to the line," he says. When the land war kicked off February 24, the Marine Corps' mission was to go north to Kuwait City, encircle it, and allow the Arab troops to recapture the city and turn it back to the Kuwaiti government.

According to original plans, the mission of Mr. Myers' unit was to help restore essential services for Kuwait City.

But as the war moved so rapidly, the expected didn't materialize. Although there was great damage to the city, it was not as severe as it might have been had the conflict continued.

For example, the Iraqis destroyed the Kuwaiti power lines, but not the electrical generating plants themselves, so the plants could be back on line quickly. Except for the heavy damage done to public buildings and to buildings owned by the royal family, the physical damage done otherwise in Kuwait was not as great as originally feared.

In fact, much of Kuwait City showed what Mr. Myers calls "the randomness of war. He says, "One block would be pristine, the next devastated."

Because of the level of damage, the civilian population didn't need as much help as it might have. However, the Iraqis were surrendering in such unprecedented and unexpected numbers that dealing with the prisoners of war became the major problem.

"Normally taking care of prisoners is a role for the Military Police, but it was turned over to Civil Affairs units because there were so many prisoners," Mr. Smith explains.

"Actually taking care of a large number of prisoners is not that much different than the usual Civil Affairs mission. The prisoners have to be housed and fed, sanitation has to be provided, and so forth. In other words, someone has to do for them all the things the Civil Affairs units do."

The members of Mr. Myers' detachment included a physician, emergency medical technicians, veterinarians, and police officers, among others.

"So, as those thousands of POWs started to come in, we were able to provide emergency medical care for them, utilizing the civilians skills assigned to our unit," Mr. Myers says.

As an aside, he notes the irony in the situation.



THE FIRES FROM A DISTANCE



MORE SMOKE DARKENS DESERT SKIES



STRAIGHT AHEAD TO IRAQ - IN ARABIC AND ENGLISH

"Years ago, I started my military career as a medic," he says. "Since then I'd moved on to a lot of other things. I became a member of the Special Forces, a Green Beret, and I have my jump wings and all that. But I ended up working just about where I started ... as a field medic.

"Sometimes I think about those nights ... rainy, cold ... really busy with sick and injured on the ground ... generators running, IV's flowing ... cleaning burns ... stabilizing patients for transport ... running out of bandages and blankets .... It was an experience."

Mr. Smith arrived in the Gulf area January 20. As the war progressed, in addition to concerns about restoring the infrastructure, he quickly found himself involved in the area of human rights' abuses.

To help deal with all these concerns, Mr. Smith had public safety, police, fire, and legal specialists with his public safety and security team on the Kuwait Task Force.

"People were just disappearing," he says. "I finally located about five hundred of them in a Kuwaiti military prison.

"The [prison] situation was not up to what we require. Some of it was just because of overcrowding and disorganization. In a military prison, we found four hundred people in a building that was intended for seventy-five.

"The people weren't being mistreated, but they were overcrowded.

"We had to make sure they had sufficient food and enough water, and we wanted to make sure they were allowed visits from their families.

"Many of the people were in prison simply because they were Palestinians, and thus they were presumed to be collaborators.

"Their families just wanted to know if their family members were alive. But one interesting thing we learned about the Palestinians seemed to be that once they found out if someone was alive, their attitude seemed to be: 'If he did something wrong, then punish him.'"

In one case, Mr. Smith says, "A man was detained because, when the guards at a military checkpoint searched his car, they found a ticket in the trunk from a sporting event from Iraq.

"On that basis only, the man was detained for three weeks as a suspected collaborator. As it turns out, before Saddam Hussein moved into Kuwait the summer before, anyone — any tourist — who visited Iraq had to spend some money there. The ticket in the trunk was just the proof that the man had spent the required money in Iraq."

Besides ensuring that the prisoners were being taken care of properly, the Civil Affairs units were concerned about the security of the civilian population. There was reason for

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THE ROADSIDE PRESENTED MANY CONTRASTS



MILES OF DESTROYED TRUCKS



A SHOE AND A SHELL BY THE ROAD





RON SMITH, kneeling, fourth from the left, with his troops

## The Gulf War

Continued from Page 13

concern because, "There were guns all over the place," Mr. Smith recalls.

One Kuwaiti police general told him that before the Iraqi invasion, there had been maybe thirty to forty murders a year in the country. After the liberation, he thought there were maybe that many a day.

The Kuwaiti people were understandably very agitated about their country's suffering, and suspicious of many people. Coupled with easy access to weapons, this created a potentially dangerous situation.

"We used our influence to keep down street justice," Mr. Smith says.

In working with the Kuwaitis during the war and after the liberation, both Mr. Myers and Mr. Smith learned a lot about the culture of the Arab world. Among other things, there is a real hierarchy there, they found. Everyone seems to have a niche in society, the Arabs on top, "third world nationals" on the bottom.

"The Palestinians are somewhat in the middle," Mr. Myers says. "They actually do the equivalent of first- and second-level management and technical work. It's going to be very interesting if the Palestinians leave the area."

In Kuwait, they found that there was a big difference in civil rights of the Kuwaitis and the civil rights of others. However, that was not the only concerns of the Civil Affairs units.

"What we do is advise them on how to organize, how to plan for recovery," Mr. Smith says. "We were there to whisper in the ear of the Kuwaitis."

But, he continues, sometimes giving advice could be difficult.

As Mr. Myers explains, "We [in the U. S.] have an acute sense of timing and structure. With the Arabs, there's

more of a feeling that if it doesn't happen today, it will happen tomorrow — if it's supposed to."

Mr. Smith concurs: "Whenever they talk about what they are going to do or what is going to happen, Arabs say 'Inshallah' (God willing).

"When you are talking to them, if they say 'Inshallah' a lot, you get the feeling it's not going to happen.

"They just don't have the same sense of urgency we do.

"I remember one instance in which some debris had to be cleaned up so the police could get their equipment repaired and on the road. But the police wouldn't do the clean up. They were content to wait until the third world nationals did it."

Even though much of the mass destruction that had been feared did not take place, life for the Kuwaitis was far from normal.

Mr. Smith says, "When we got there, we saw lots of cars up on blocks, without batteries or wheels. The Kuwaitis apparently had hidden them, so the Iraqis couldn't drive their cars away.

"We also found that sometimes the Kuwaitis had trashed a front room of their own house. That way, they figured, if an Iraqi came to the door and saw the

mess, he might think the whole house had been looted, and he'd go elsewhere."

Apparently, according to Mr. Myers, when the Iraqis invaded Kuwait, soldiers had been ransacking houses looking for particular items — phones, typewriters, and weapons — but didn't care about others, such as computers or printers.

In one house, owned by a Kuwaiti officer who worked with Mr. Smith, the kitchen was a mess, but a computer remained intact in the bedroom.

Sometimes, Mr. Myers says, the Iraqis stole things of little or no value, like burned-out electric motors or the knobs off water heaters.

"When I went into one bunker [abandoned by the fleeing Iraqis], I saw a toy phone, a girl's shell necklace, and children's clothing that the Iraqis had taken," he says.

"I also found pediatric medical supplies in a first-aid shack, and I have two of the most unusual war trophies — two new Copper 7 IUD's that were taken from a destroyed medical truck."

Beyond the war itself, both Mr. Myers and Mr. Smith found other aspects of their stay in the Gulf region quite an



JIM MYERS, far right, and his troops in the desert

experience.

"It is a very interesting culture," Mr. Myers says. "You can't really appreciate it until you go there."

"We look at Islam with Western eyes, and we tend to evaluate — and sensationalize — things that are different by our standards. These might be things like the fact that someone caught stealing may have a hand cut off, or the fact that women wear veils in public — but those are only a small part of the culture."

"There's a lot that's very sensible."

"Stealing to steal something you want is serious, but stealing food to eat because you're hungry is very different. Motive is a consideration."

"The Saudis are the defenders of Islam and they follow the Koran (the holy book of Islam and the teachings of Muhammed). Under the Koran, women have a lot of protection, in such matters as divorce, and in divorce, the rights of the children are protected as well."

Mr. Smith adds, "Sometimes what goes on in private might not be according to the Koran, but public actions will be. There can be a big difference between the public and private faces."

They found also that, to the Arabs, material possessions can be very important.

"Many of the people value expensive things, but if something's been damaged or doesn't work, they don't bother with it," Mr. Myers says. (Indeed, even on a peacetime drive across the desert on some of the best-engineered highways in the world, travelers will see the roadside littered with abandoned cars and pickup trucks.)

Gold is a prize possession, and important symbol of wealth. Under those black robes, Saudi women are apt to be bedecked with it, and the gold *souks*, or markets, are an important feature of many cities in that part

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IS THAT REALLY JIM MYERS AT LUNCH?



A DECORATED PLANE GREETED HOMEBOUND TROOPS



PARADE FLAGS REFLECT MULTINATIONAL EFFORT

## The Gulf War

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of the world.

Mr. Smith recalls his visit to a gold *souk* area in Kuwait City, a very friendly one, because the gold dealer recognized Mr. Smith's interpreter.

But, friendly or not, Mr. Smith points out, prospective purchasers are expected to bargain heavily before they buy.

"They think there's something wrong with you if you don't," he says.

The dealer Mr. Smith visited had managed to preserve his extensive stock of gold during the Iraqi invasion — by burying it in his neighbor's back yard.

Gold is sold strictly by weight, he explains, no matter how elaborate the workmanship on a particular piece. And, Mr. Myers added, "used" gold is often traded in.

He recounts seeing a woman wearing a gold bracelet one day — and then seeing her trading it in at a shop the next."

Much as they believe Americans have some misconceptions about the Arab world, both Mr. Myers and Mr. Smith agree that the Arabs have some strange ideas about Americans.

"A lot of their perceptions are based on what they see in the movies and on television, and they see a lot of *Miami Vice*," Mr. Myers notes.

Cultural differences notwithstanding, both men found the population in Kuwait and Saudi Arabia extremely friendly to Americans and very grateful for their presence.

"I was standing outside of the hotel one day and a family sent their kids over to me so they could get their pictures taken with an American soldier," Mr. Smith says.

Echoing those thoughts, Mr. Myers says, "If they had had bars there (which they don't), no Americans would have had to buy a drink.

"Indeed, I don't think you would ever have to buy a drink in Kuwait if they knew you were a Desert Storm vet."



Mr. Smith's unit worked very closely with the American ambassador to Kuwait, Ambassador Skip Grehm, and as the unit was leaving the area, the Ambassador made a point of relating to Mr. Smith how appreciative the Kuwaitis were.

The Ambassador quoted the Kuwaitis as saying, "Americans do it from the heart."

Mr. Myers says that some Kuwaitis claim that fifty years from now, people in Kuwait City will still be saying "When I worked with the Americans ...."

The work Mr. Smith and Mr. Myers participated in in the Gulf — and particularly Kuwait Task Force Freedom, as it was called — was not only a joint effort among United States military forces, it was also a multinational one, with French, Canadian, Egyptian, Saudi, Omani, and British units involved as well.

"It was a remarkably focused and directed effort," Mr. Myers says.

And, as dedicated Reservists themselves, they both point proudly to the fact that so many of the U. S. Forces were Reservists.

"Of the thirty-five hundred people involved in Task Force Freedom in Kuwait City, seventy-five percent were Reservists and members of the National Guard," Mr. Smith points out.

Mr. Smith is a graduate of Oklahoma State University with a degree in political science. He served as a Quartermaster Officer in Vietnam, including the Tet offensive, and at Fort Sill, Oklahoma, and, then left the Army to earn a law degree at the University of Oklahoma.

After earning his law degree, he reentered the Army and spent five years as a Judge Advocate General Officer in Germany. After leaving active duty in 1977, he went to work as a civilian at the Army Criminal Investigation Command in Arlington, but continued his affiliation with the Army Reserves.

He joined NRC in 1980 as a criminal investigator, and in 1985 joined the staff of what is now the Office of the General Counsel. In 1988-89, he took ten months off to attend the Army War College, at Carlisle, Pennsylvania.

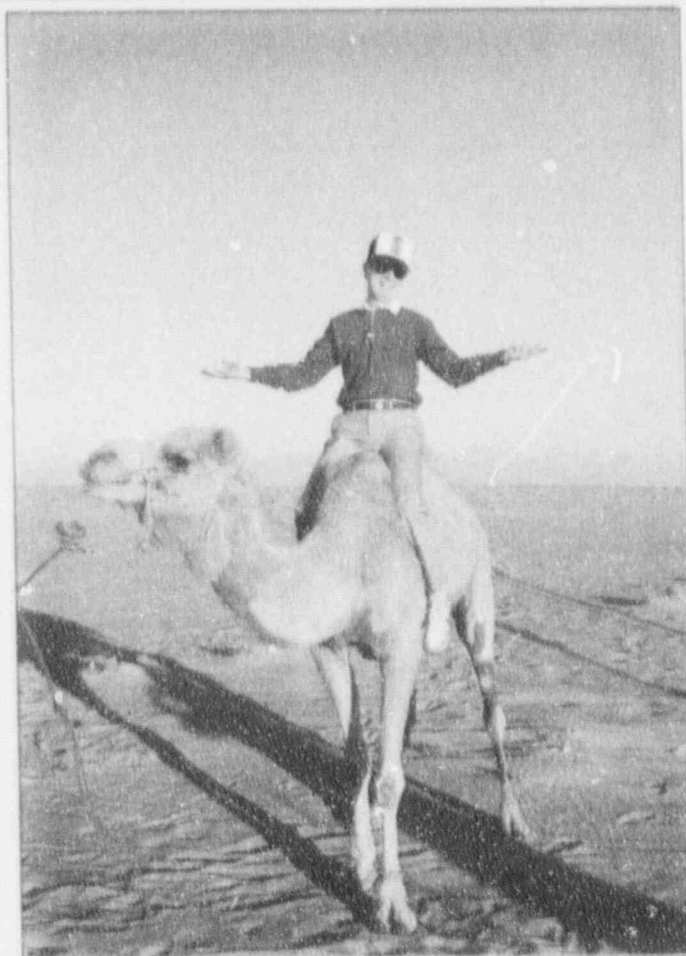
Mr. Smith also was called to active duty in December 1989 for "Operation Just Cause" in Panama.

And, ironically, in the summer of 1990, his annual active duty stint was spent in Florida, participating in an exercise that had a Middle Eastern scenario.

Mr. Myers is a Green Beret, one of those soldiers who "does all the dangerous things," he says. (When referred to as a "former Green Beret," he quickly points out that once a Green Beret, "always a Green Beret.")

He also is qualified as a Civil Affairs officer, and, as he explains, Civil Affairs, Special Forces, Rangers, and Psychological Operations personnel all fall under the Army's Special Operations Command.

Mr. Myers spent four years on active duty with the Air Force as a medic. He left the Air Force in 1972, and in 1977 he joined the



"WHAT AM I DOING HERE," RON SMITH SEEMS TO ASK FROM HIS CAMEL-BACK PERCH

Army Reserves as an environmental health specialist, subsequently earning a commission. He has been at the NRC since 1982 as a health physicist. He was with the Office of Nuclear Material Safety and Safeguards and now is in the Agreements States Program.

He also worked two years as a radiation safety officer for the Naval Surface Warfare Center, and worked as Chief Nuclear Medicine Technologist at Bon Secours Hospital in Baltimore and as a technical sales representative for Siemens.

He has a bachelor of science degree in microbiology from the University of Maryland, and he is certified by the American Registry of Radiologic Technologists and by the Nuclear Medicine Technologists Certification Board.

Of all that happened in the Persian Gulf, Mr. Myers says in retrospect, "I don't think anyone who went there could not be touched by the experience."

And, of the Kuwaiti people, he says, "It will take them a long time to get over the frustration, the indignation, the anger, and the psychological damage they suffered."

# LAN: the World of the Future at the NRC Today



**THE LAN TEAM:** Standing, from the left, Chris Gianios, John Badrian, John Sullivan, and Jim Schaeffer. Seated, Dawn Burrier, and Karen Paradiso. Also part of the team but not in this picture are Debbie Runion and Laverne Ortiz.

It started as an effort to replace the outmoded, hard-to-keep-in-running-order 5520 word processing system — no small challenge in itself.

But the effort is producing much more than a word processing system. What is evolving from it is a system that eventually will provide full-office automation networked throughout the Agency — from Phillips to White Flint, and from Headquarters to the Regions, with links to all the Resident Inspectors at plant sites.

The new system is AUTOS, for automated office system, and AUTOS stations are linked by LANs (Local Area Networks), which in turn are part of the NRC WAN (Wide Area Network).

Combined, all of this means that before long just about all of the Agency's employees will have a personal computer at their desks, with easy access to a variety of office automation functions and to each other.

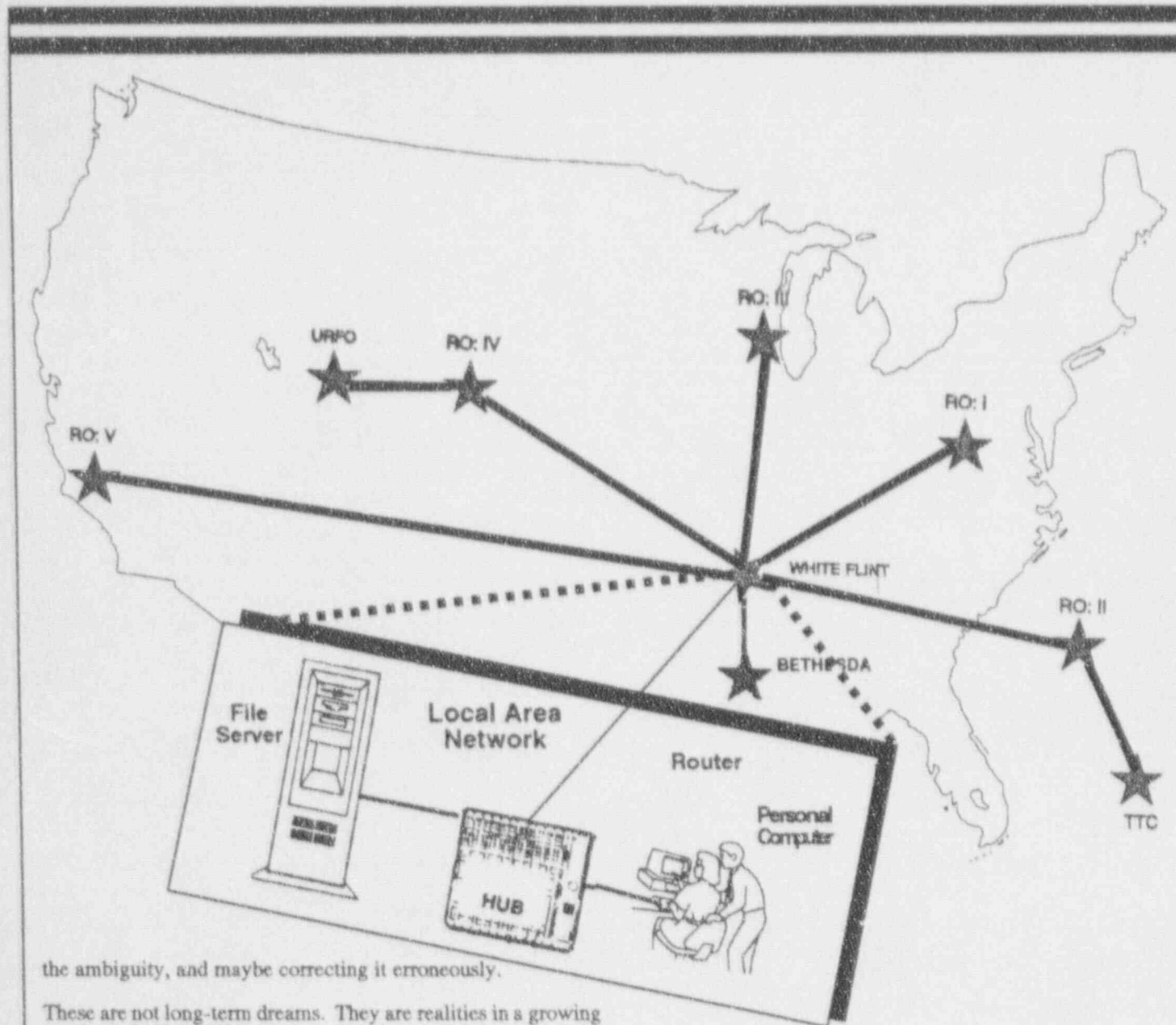
It means that employees will be able to go to a computer screen instead of a phone book to look up a phone number, and that, to get a message to someone, they probably won't make phone calls at all — they'll send a message via electronic mail.

It means that when they want to schedule meetings, they'll be able to hit a few keys to learn when all the proposed participants are available.

And it means big changes — and savings in time and money, as well as improvements in quality — in the process of creating documents. Originators will be able to do a first draft on a PC in one office; use a built-in macro to put it in the proper format; run it through programs that will check the spelling, the grammar, and the sentence structure; and electronically send it to someone in another section, another office, even in Glen Ellyn or Walnut Creek for comments that can be incorporated right on the screen and sent back to Headquarters.

Then the revised draft can be electronically transmitted to the others in the review chain. Finally, after they do their thing — also electronically — the document will be printed.

Think of the time savings. Think of the efficiency. Think of the environmental savings — all those saved trees — when multiple paper drafts can be eliminated. Think of the improvements in quality when the originator of a document catches grammatical errors at the onset — rather than having someone else catching



the ambiguity, and maybe correcting it erroneously.

These are not long-term dreams. They are realities in a growing number of NRC Offices today, and they are right around the corner for everyone else.

"This is a three-phase project, and right now we're in phases one and two," says Chris Gianios, who is spearheading the implementation of the AUTOS effort.

Chris is the Chief of the Network Development Section in the Office Automation and Network Development Branch, Office of Information Resources Management, and he's been involved in AUTOS since its conceptualization.

The first phase of the project is the replacement of the 5520 word-processing terminals. They are being replaced with networked PCs that offer a word-processing program, along with a host of other office automation features. The second phase of the project is linking those networked PCs with the other PCs already in place at the Agency, and adding AUTOS to the latter.

Phase three will be to give virtually everyone else in the Agency

a PC and to put those PCs on networks. Chris adds, however, that while most employees will be getting PCs, that doesn't mean everyone will.

"We mean that all employees who need to — or can or should — use a PC in their jobs will have them," he says.

The basic features of AUTOS include

- o An appointment calendar, which means individuals can keep track of their appointments by computer rather than manually, on paper
- o Electronic mail, which they can use to send messages to other people on the network and to receive messages as well
- o A scheduler, which means one person can have the computer check through the appointment calendars of

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# LAN

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others to determine when they all can get together for a meeting

- o The Word Perfect word processing program, which will become the Agency standard
- o A file transfer capability, which means that documents can be sent to others on the network, and sent back
- o A calculator, which takes the place of a handheld model
- o A notebook, which means users can keep notes on the computer instead of on scraps of paper

(Of course, for the scheduler feature to work effectively, individuals will have to make sure they keep their individual appointment calendars up to date!)

Beyond these initial AUTOS features, the number and scope of potential applications of AUTOS is almost limitless, Chris says.

"We have a number of efforts already underway regarding applications," he says.

Putting the Agency phone book onto AUTOS is one of them. Like many other applications, that's not quite as simple as it might seem, even in an advanced computer environment.

"There are other issues involved," he says, "like who will be responsible for maintenance (that is, updating the listings) and how it would be done. Our goal would be to update the listings as soon as the changes are known to the telecommunications staff, which would mean updating the listings almost daily."

Chris says he's hoping to see the phone book on AUTOS within the next six months. And, as more people start using AUTOS, he expects the suggestions for additional applications will increase.

The first groups to start using AUTOS were Training, the Office of the Commission, the Office of the Executive Director for Operations, and the Office of the General Counsel. The system was operational in those groups as of July 30 of this year, and they were followed by the Office of the Secretary, the Office of Consolidation, the Office of Enforcement, and International Programs, Congressional Affairs, Public Affairs, and State Programs. These offices are now all on AUTOS, and they are all linked within themselves and with each other.

Linking the rest of the Headquarters offices is under way, and the Regions will be added to the link by the end of Fiscal Year 1992, giving all of those employees immediate access to one another and use of all of AUTOS features.

With all the benefits networked PCs offer, why wasn't the system installed sooner, Chris was asked.

He replies, "Even though the search for a replacement for the 5520s began some time ago, even three years ago, what we are getting now wasn't really available. The technology just wasn't there."

"LAN technology has evolved tremendously in the last three years. Links between work groups were not really reliable three years ago.

"There also were cost problems. The cost three to five years ago was prohibitive. Today costs are down, and it is a practical system — which is the combination you need."

The way the total system is set up, each of the individual PCs on the network is connected to a file server; there may be two file servers on each floor of a building. All of the file servers in an area are connected to a hub. This linkage is a LAN, a local area network, and all of its components are located in one building, probably on one or two floors of that building.

All of the hubs in a building are connected to a router; for instance, the router for White Flint is located on the ninth floor of that building. Each building and each Regional office will have a router, and the routers will be connected with data lines that will transmit information at a rate of 56 kilobytes per second. (This final tier in the hierarchy constitutes the WAN, Wide Area Network.)

But all of this system architecture is totally transparent to the users, Chris explains. They won't have to do any more to send a message to someone in Region IV than they will to communicate with someone a few feet away.

Even though Resident Inspectors will be able to take advantage of most of the AUTOS features, they will not directly be part of the WAN. Rather they will be connected to the Regional offices via 9600-baud modems (a vast improvement over the present 2400-baud modems they use with the 5520s).

Word processing at the sites will be done on PCs that have Word Perfect programs, but those PCs won't be part of the network. However, to communicate via AUTOS, the Residents will call into the Regional offices using the modem. Once they reach the Regional office, they will establish a link to a LAN just as they would from any other PC. That means the Residents will be able to get electronic mail from the network, use the scheduler, and so forth.

The AUTOS architecture has been designed to accommodate engineering work stations. Those are the highly sophisticated terminals, in the Sun/Unix environment, that are used by specialized groups in some of the program offices. The work stations run very complex codes and are linked to the national laboratories around the country. Although they are not part of the AUTOS networks yet, eventually they will be.

The network installation is being done by the eight-person Network Development Section, with the aid of two contractors, I-net, which supports non-AUTOS LANs, and CEEXEC, which is the principal AUTOS contractor.

Chris, who has been at NRC since 1985, says he has been involved with AUTOS since 1987.

Initially three people were involved: Chris, Mike MacWilliams

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## One Millionth Fingerprint Card Processed!



**PATRICIA NORRY**, Director of the Office of Administration, and **Raymond J. Brady**, Director of the Division of Security, chat at the opening of the celebration.

A million fingerprint cards processed in a little more than four years!

That was the cause for the November 5 victory celebration when the Division of Security, Office of Administration recognized the milestone achievement of the NRC/SEC Criminal History Program.

The CHP started in April 1987, under Section 149 of the Atomic Energy Act.



WITH THE SYMBOLIC ONE MILLIONTH FINGERPRINT CARD are, from the left, Beth Bradshaw, SEC; Patricia G. Norry, Director, Office of Administration; Lucy Loza, Earl Wendt, and Herb Zimmerman, Kenrob and Associates; Hugh Thompson, Deputy Executive Director for Nuclear Material Safety and Safeguards (N-1) Operations Support; and Elizabeth Carey, SEC, the Project Officer.

That Section requires Federal Bureau of Investigation criminal history fingerprint checks for individuals who are granted unescorted access to NRC-licensed nuclear power facilities or access of safeguards information.

As licensees comply with this requirement, NRC handles 2500 fingerprint card transactions each week.

The millionth-card celebration was hosted by Raymond J. Brady, Director, SEC.

Those attending included Hugh L. Thompson, Jr., Deputy Executive Director for Nuclear Materials Safety and Safeguards and Operations Support; Patricia Norry, Director, ADM; Elizabeth Carey, SEC, the current CHP Project Officer; and Beth Bradshaw, SEC, the initial Project Officer.

Also in attendance were others from the Office of the Executive Director for Operations, SEC, the Office of Information and Resources Management, and Kenrob and Associates, Inc., the CHP data entry contractor.



**HUGH THOMPSON**, right, greets Ken Robinson, President of Kenrob and Associates, Inc., before the celebration.



*Save December 17 for  
the Holiday Happenings!*

## Consolidation Update



**THE HOLE GOT DEEPER IN NOVEMBER, as excavation for Two White Flint North moved into high gear.**

**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 December 1, 1991, 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 Mackawa, 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 Norian.

**Mexico:** Oscar Aguilar, AEOD/IRB. 492-4184. MNBB 3112. Assignment ends April 28, 1992. Supervisor, Thomas McKenna.

**Spain:** Antonio Munuera, AEOD/IRB. 492-4806. MNBB 3205. Assignment ends August 5, 1992. Supervisor, John Jolicoeur.

**Sweden:** Mats Sjoberg, RI, DRSS. FTS 8-346-5308. Room 1107. Assignment ends September 3, 1992. Supervisor, William Lazarus.

**USSR:** Dr. Vladamir Asmolov, RES/DSR. 492-3509. NLN-375. Assignment ends approximately December 5, 1991. Supervisor, Dr. Brian Sheron.

## News from the Regions

### Richard Harris Honored For Work in Region I

Richard Harris recently was selected as Employee of the Month, based on "... the extent to which Richard exceeded the requirements of his job in meeting the goals of the Mobile NDE Laboratory Program during the months of August and September.

"Richard went beyond his normal job duties by volunteering to spend a week as a representative of Region I at the Blacks in Government Conference in Washington, D. C.

"This was followed by Richard taking over for the Section Chief of the Mobile NDE Laboratory in performing a difficult and contentious inspection at the San Onofre Nuclear Generating Station in California. He worked through a confusing array of issues and assisted in successfully concluding the inspection. It was through the motivated efforts of Richard that the NDE staff was able to bring matters of importance to the attention of the Material and Chemical Engineering Branch of NRR.

"Richard participated in a critical special team inspection of the Seabrook Generating Station. This inspection was especially complex, and Richard's thorough review of the complicated drawing and isometric system at Seabrook provided a sound basis for the investigation of issues raised by the staff of the Congressional oversight committee.

"During this period, Richard went beyond his job definition by succeeding in becoming the only individual in the NRC to be qualified to perform Intergranular Stress Corrosion Crack Sizing by ultrasonics. Richard followed this by volunteering for a



**RICHARD HARRIS, right, receives his certificate as Employee of the Month from Region I Deputy Administrator William Kane.**

course at EPRI in Palo Alto, California, to learn how to use, operate, and inspect the CHECK/CHECKMATE system (the basis for the erosion/corrosion program at many plants).

"It is Richard's continuous seeking out of challenges and taking on of extra duties during this period of time that makes him worthy of Employee-of-the-Month."

### Region I Employees Enjoy Picnic, Aid Charity

Fun, games, and food were on the agenda for Region I's annual picnic, held at the Sport Field of St. Michael's Greek Orthodox Church in Mont Clare, Pennsylvania, on the banks of the Schuylkill Creek. Mont Clare is a small industrial town approximately fifteen miles from the Region I office in King of Prussia.

Serving on the committee were Paula Beaujean, Tom Harrison, Wayne Lanning, Kim Lee, Kathy Supiot, Rick Urban, and Connie Yusko. Children's games were coordinated by Paul Beaujean, Felicia Lopresti, and Connie Yusko, and Chris O'Rourke was the official photographer.

The pot luck lunch featured hot dogs and hamburgers on the grill, as well as barbecued chicken and meatballs. Serving as chefs for the day were Regional Administrator Thomas T. Martin, Len Carsley, Wayne Hodges, Mal Knapp, and Jim Wiggins. Those at the picnic report there were lots of homemade goodies, including some "truly sinful" desserts. After the picnic, leftover food was donated to a women's shelter.

Activities included horseshoes, softball, a three-legged race, and volleyball. Children's activities included a balloon toss, face painting, scavenger hunt, and a water pistol shoot.

The Division of Reactor Safety accumulated the most overall game points and received the Region I Physical Excellence

Award for 1992.



**WAYNE HODGES, DRS, receives the physical excellence trophy from Regional Administrator Thomas T. Martin. We'll have additional picnic photos in a future issue.**



## Volunteers in the Schools



WITH THE MONTGOMERY BLAIR CAREER AWARENESS CLASS, in the background, see, from the left, Carlos Yelez, NRC; Mimi Young, OGC; and Ronald Jenkins, NRC.

Headquarters employees continue to volunteer their time and talents to enhance the education of area school children.

On November 4, about forty students from the Gifted and Talented Program at Garthman Intermediate School visited the NRC to learn about what the Agency does and to hear about some of the different Employee careers.

Presentations were made by Robert Newlin, Deputy Director of the Office of Public Affairs; Beth Hayden of PA, the coordinator of the Volunteers in the Schools Program; Lee Abramson, Office of Nuclear Regulatory Research; Carlota Maripin, Office of State Programs; and Steve O'Connor, Office of Nuclear Material Safety and Safeguards.

Catalyn Boyle of the Office of Administration led a tour of White Flint that included

visits to the Commissioners' Conference Room and Commissioner Pryor's office.

The students also toured the NRC's Operations Center with Joe Baines, Karen Jackson, and Rudy Karch of the Office for Analysis and Evaluation of Operational Data.

On November 14, fifteen students from the Career Awareness Class at Montgomery Blair High School visited Headquarters.

Speakers they heard included Harold Denton, Director of the Office of International Programs; Beth Hayden; Mimi Young, Office of the General Counsel; Al Blunt, Office of Information Resources Management; and Ronald Jenkins, Tommy Lee, and Carlos Yelez, Office of Nuclear Reactor Regulation.

First, students assembled as a group to hear about various careers, and then they went as individuals or small groups to spend time with the speakers at their work stations.

Later Catalyn Boyle took these students on a tour of White Flint that included a visit to Commissioner Ragone's office.

### Thank You

My thanks to everyone who contributed leaves to me as a recipient in the NRC's Leave Transfer Program. Due to the fact that the identities of the contributors are not made known to the leave recipient, I am unable to thank each of you personally. However, I would like every one of you to know that your generosity is greatly appreciated. Your contributions have been a great help to me during my illness.

*Pamela A. Urban  
Office of the General Counsel*

# Employee Assistance Program

## Plan Ahead To Beat Those Holiday Blues

The holiday season is in full swing. The whirlwind of travel, parties, shopping, company at home, and decorating, added to the normal routine of work, makes this one of the most stressful times of the year.

Planning is the best tool for avoiding holiday stress. When you are planning your holiday celebrations, keep the following in mind:

- o **Be realistic** about your expectations. Consider the time and the money available and plan accordingly.
- o **Remember** you can't control some situations or other people's behavior.
- o **Be sure** to include activities you enjoy along with those you feel you must participate in.
- o **Plan to do** something totally different if the holidays bring back painful memories. Start new traditions to help you break away from old ones.
- o **Volunteer** to help others. A little bit of charity work can go a long way toward helping you catch the spirit of the holiday season.

Once your planning is done, taking an attitude of acceptance — no matter how things turn out — will keep you from the stress of unreasonable and unmet goals.

But when you do face stress, here are five stress relievers recommended by the Stanford Medical School:

- o **Laugh at it.** Laughing gives you a good workout. Look at the situation in a ludicrous way.
- o **Talk about it.** Or write down your problems. Either or both will help you decide on a solution.
- o **Soak.** A warm bath will relax you and work out tension.
- o **Breathe deeply.** You can do it in seconds, and it is very calming.
- o **Take a walk.** Swing your arms and breathe regularly.

*A Gift to "Operation Needy" or  
"Toys for Tots"  
Will Brighten the Holidays  
for You and for Someone Else*

## Don't Let Holiday "Cheer" Cause Grief

Alcoholic beverages are a part of many holiday celebrations. To help keep the holidays happy, everyone should make an extra effort to act responsibly in regard to alcohol. Here are some reminders:

### *At Parties You Host*

- o Always provide a variety of non-alcoholic beverages, in addition to any alcoholic drinks you serve.
- o Go easy on the hard stuff when you are making holiday punch or egg nog. You can get the flavor without providing a deadly kick.
- o Stop serving alcoholic beverages at least an hour before the end of the party.
- o Serve plenty of food or snacks.
- o Never urge a drink on a guest.
- o Never let anyone drive who has had too much to drink; remember, "friends don't let friends drive drunk."

### *When You Are a Guest*

- o Before the party, decide if you will drink and how much. Set your own standards; don't succumb to peer pressure.
- o If you intend to drink, designate a driver — someone in your group who has agreed not to drink.
- o If you are drinking alcoholic drinks, sip them, and alternate alcoholic drinks with non-alcoholic ones.
- o Eat before and during the party.

### *Wherever You Go During the Holidays*

- o Watch out for drunk drivers. When you are driving, drive defensively. When you are walking, be extra careful.

### *Could You Use Some Help?*

Need help solving a personal problem?

Maybe the Employee Assistance Program can provide that help — or a referral to an organization that can. Call Pat Kaplan, the Office of Personnel EAP Manager, 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.*



**BUD REQUA** at the keyboard

This is a good time to take a few moments to say thanks to those of you who have been making a special effort to make our retirees' program a success.

At the top of the list is **Bud Requa**, who, from his Carolina retirement home, has developed (and keeps updating) the computer program that generates the mailing labels we use to get

the newsletter to you each month.

Also right up there is **Dick Van Niel**, who runs our monthly retirees' luncheons. We have moved our spot from Gaithersburg to Rockville, just a short distance from White Flint. Those who go to the luncheons really enjoy them, and we are looking forward to seeing more of you in the coming year. We also can't forget **Bob Silver** and **Joe Busey**, who, with Dick Van Niel, are the volunteers at The Rec Room, the EWRA store at White Flint.

*Editor's Note:* Nor can we forget **Marshall Grotenhuis**, who maintains the retirees' mailing list, who comes into the office at least once a month to handle the actual mailing of about three hundred newsletters to retirees' and others on our mailing list, and who is a substitute for staffing The Rec Room.)

And to the rest of you -- we couldn't do without your enthusiastic support and news-filled letters. Please keep them coming. Everyone likes to read what old friends and colleagues are doing these days. Send your letters and photos to me, in care of Ann Thomas, 17G21, Washington, DC 20555.

We also are in need of more volunteers for the store -- all it takes is a few hours once a week or once every other week. If you are interested, call **Coris Day**, 492-1719.

\* \* \*

We are sad to report the recent death of **Dom Vassallo**, a former Headquarters employee, who died in late November.

### Hardy Souls Play Late-Night Hockey

The hockey season has just begun for some hardy NRC employees, their sons/daughters, and their friends who periodically rent the ice and the Wheaton Ice Rink for a friendly late-night pickup hockey game.

The first session was Saturday, November 23; the time, 11 pm until 12:30 am.

These night owls brave the dark, cold night, don their equipment and skates, and face 'em off.

The intrepid skaters, whose numbers range from fifteen to twenty, have been getting together for about ten seasons.

In the past few years, ice rental and other coordination has been handled by **Tim McCartin**, Office of Nuclear Regulatory Research. Others employees taking part include **Pat Baranowski**, Office for Analysis and Evaluation of Operational Data; **Bernie Grenier** and **Chris Grimes**, Office of Nuclear Reactor Regulation; and **Bill Belke**, Office of Nuclear Material Safety and Safeguards.

Five more sessions are scheduled for this season: December 21 and 28, January 18, and February 15 and 29.

Anyone interested in joining the group is asked to contact **Tim** on 492-3847.

### Holly Trolley Set

The National Capital Trolley Museum will again present *Holly Trolley Illuminations* from 5 to 9 pm Saturdays and Sundays throughout December. The presentation is a festival of lights, featuring Santa Claus on a Street Car. The museum is located in the Northwest Branch Park at 1313 Bonifant Road, between Layhill Road and New Hampshire Avenue, in Silver Spring.

There is a charge for trolley rides of \$2 per adult and \$1.50 for children under 18. There is no additional charge for the *Holly Trolley Illuminations*. For more information, contact the museum at 384-6088.



## EWRA News -- Travel Bargains

### Spend a Weekend in London with EWRA

Looking for a *different* way to spend the February holiday weekend? Plan to go to London with the EWRA!

We will depart on a regularly scheduled TWA nonstop flight from Baltimore-Washington International Airport at 6:55 pm on Thursday, February 13, and are scheduled to arrive at London's Gatwick Airport at 6:55 am (local time) on Friday.

A motorcoach will take us to our London hotel -- the conveniently located Royal Scot so we'll have virtually all of Friday -- plus all day Saturday and Sunday -- free for sightseeing.

For those who are interested, the tour package includes a free half-day tour of London, and all participants will receive a city map, as well as discount coupons for savings on shopping, meals, and sightseeing activities.

Also included in the tour price are hotel taxes, tips, and service charges; continental breakfast with fruit juice daily; membership at two casinos; hostess service throughout the trip; and baggage handling between the airport and your hotel room.

The price for the tour is \$539 per person, double occupancy, or \$579 for single occupancy. For more information or to make a reservation, call 492-1732. (A deposit of \$75 is required to hold the reservation, and the balance must be paid by December 30.)



### Disney Offers Prizes To MKC Members

You can win a six-day vacation to Walt Disney World, or one of sixty other fabulous prizes, in Walt Disney World's 20th Anniversary Sweepstakes.

All you have to do is get a copy of the 1992 Magic Kingdom Club Membership Guide, complete and clip the coupon inside, and mail it in.

The grand prize is a complete vacation for four at the Florida resort, including round-trip coach airfare on Delta Air Lines, \$200 in Disney Dollars, and six days' unlimited admission to the seven Walt Disney World theme parks.

The ten first prizes are Walt Disney World 20th anniversary his and her watches, and the fifth second prizes are Walt Disney World 20th anniversary commemorative coins.

The Membership Guide includes a list of Magic Kingdom Club membership benefits for 1992, the addresses and phone numbers for Magic Kingdom travel centers, descriptions of Disney resorts and theme parks, and descriptions of

special value club vacation packages.

The guides and new membership cards are available free from Corie Paul, 492-0722, the EWRA Magic Kingdom Club Director.

The deadline for entering the sweepstakes is March 31, 1992.

### Last Chance To Make Ski Weekend Reservations!

There's still room on the bus for a few more winter weekend vacationers who want to take advantage of the EWRA's Ski the Poconos offer.

For as little as \$144 per person, you can spend the Martin Luther King, Jr., Holiday weekend on a winter break.

The ski package offers roundtrip bus transportation from White Flint to East Mountain Inn near Wilkes-Barre, two nights' lodging, two buffet breakfasts, two smorgasbord dinners, free shuttles to Elk Mountain and Montage ski areas, discounted lift tickets, discounted equipment rentals, free late-night refreshments, free bowling, free rollerskating, taxes, gratuities, and many other features.

The hotel offers an indoor pool, whirlpool, sauna, enclosed sundeck, and exercise facility, as well as a color television set in each room.

The bus will leave from White Flint at approximately 5:30 pm Friday, January 17. Sunday, January 19, hotel check-out time is 4 pm, dinner will be served at 5 pm, and the bus will leave for Rockville about 6 pm.

Price for two adults sharing a room is \$169 each; for three adults, \$159 each; and four adults, \$144 each. Children under ten sharing a room with two adults pay half the adult rate.

Montage, a ten-minute drive from the hotel, has eighteen slopes and trails, a thousand-foot vertical drop, one quad chair, three triple chair lifts, and one double chair lift. Lift tickets are \$23 a day. Elk Mountain has nineteen slopes and trails, a thousand-foot vertical drop, and five lifts. Lift tickets there are \$25 a day, and it is a 30-minute ride from the hotel.

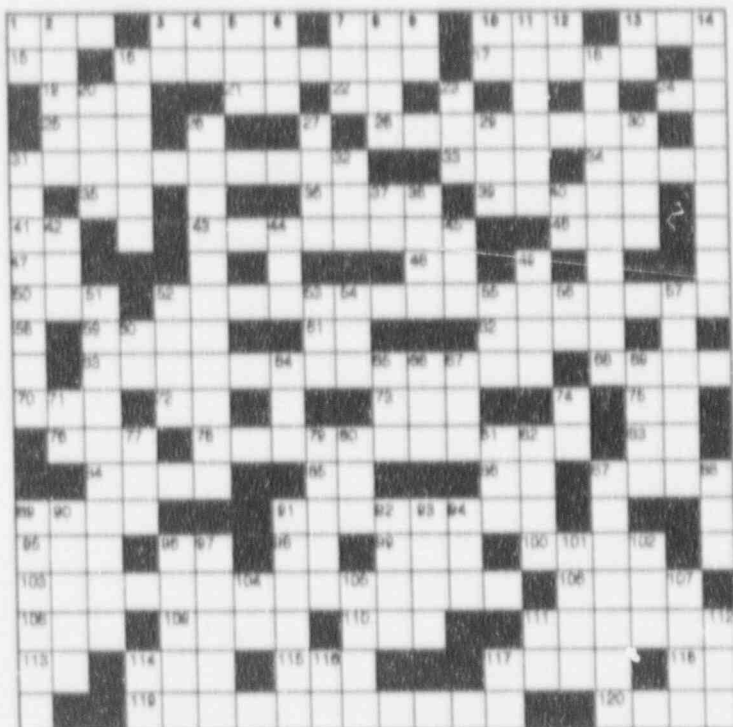
For more information or to make reservations contact Ann Thomas, 492-1732.

# Crossword Puzzle No. 48

## December Days

This special puzzle is designed to focus your interest on some of the special events celebrated during December here and elsewhere. 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, 492-1732.

- |   |  |                                      |
|---|--|--------------------------------------|
| <b>Clues Across</b>                             | 59 MP's quest, often                                   | 117 Horace or Thomas                 |
| 1 Inquire                                       | 61 Ergo  | 118 XO's boss                        |
| 3 Celebration event                             | 62 Have high praise for                                | 119 GALA TIME WITH HATS AND HORNS    |
| 7 Priestly garment                              | 63 EUROPEAN EVENT                                      | 120 Oriental drink                   |
| 10 Be indebted to                               | 68 Identify  |                                      |
| 13 Goal   | 70 Short flight  |                                      |
| 15 Verb part                                    | 72 Start of the name of a popular Rockville restaurant | <b>Clues Down</b>                    |
| 16 DECEMBER 26                                  | 73 Saver's favorite initials                           | 1 On the site of                     |
| 17 January mail, all too often                  | 75 GI's watchdog                                       | 2 With voce, quietly                 |
| 19 Requirements for a tango                     | 76 A patient person                                    | 3 Proceed                            |
| 21 From the pen of                              | 78 Noble goal for many world leaders                   | 4 Tree-cutting tool                  |
| 22 Current type                                 | 83 Mr. Jolsen  | 5 Some women's goal, for short       |
| 24 See 22 Across                                | 83 THE DUST ON SANTA'S SUIT                            | 6 Some                               |
| 25 Gob of a kind                                |  | 7 Sum up                             |
| 28 June 21 usually                              |  | 8 French for certain bodies of water |
| 31 SOMETHING TO SPREAD AT THIS TIME OF THE YEAR | 85 ___ and behold!                                     | 9 Next to                            |
| 33 New Guinea seaport                           | 86 PC term   | 10 Type of MD                        |
| 34 Org based in Vienna                          | 87 Flexible Flyer                                      | 11 December season                   |
| 35 M's neighbors                                | 89 Gone  | 12 Chicago transport                 |
| 36 Posh shoppers' destination near DC           | 91 Winning edge in the Gulf                            | 13 Like                              |
| 39 Some Danes                                   | 95 Foot, prefix form                                   | 14 ANCIENT VICTORS                   |
| 41 Greek letter                                 | 96 Ltr add on  | 16 Dull                              |
| 43 HOLIDAY MONTH                                | 98 Cockney pronoun                                     | 18 SCANDI-NAVIAN FESTIVAL            |
| 46 Perot's pot of gold                          | 99 Mont Blanc  | 20 Former Berlin barrier             |
| 47 UK ally                                      | 100 Days of eid  | 23 In toto                           |
| 48 MD's request to an ailing patient            | 103 DECEMBER the 7                                     | 26 MOOD SETTER                       |
| 50 Roman date for short                         | 106 Sometimes it can be bitter                         | 27 Rudolph has one that's bright red |
| 52 HOLIDAY HAPPENING                            | 108 Mormon abbr  | 29 Droop                             |
|   | 109 Grand opera solo                                   | 30 Devours                           |
|   | 110 Neck type  | 31 THIS YEAR IT BEGAN DECEMBER 1     |
|   | 111 Add some spice to                                  | 32 Turkey go with                    |
|   | 113 Plural ending                                      |                                      |
|   | 114 Hotshot pilot                                      |                                      |
|   | 115 Command for Dobbin                                 |                                      |



- |  |  |                                     |
|--|--|-------------------------------------|
| 37 Cinema chain                        | mixture                                    | 101 Begin the session               |
| 38 Wrapping aide                       | 71 Nickname for a former football great    | 102 Articles                        |
| 40 Shoe width                          | 74 Early monetary unit                     | 104 Two of five                     |
| 42 Boss' birthplace                    | 77 Young man                               | 105 Finished                        |
| 44 Auxiliary bed                       | 79 Go out on ___                           | 107 Tress                           |
| 45 Greek letter                        | 80 Neither's partner                       | 111 Our neighbor to the South, abbr |
| 49 Drama                               | 81 Speed                                   | 112 Italian pronoun                 |
| 51 HOLIDAY CELEBRATION                 | 82 Conservative                            | 114 English article                 |
| 52 Kind of type                        | 87 Mideasterners                           | 116 Per                             |
| 53 Popular want-ad, abbr               | 88 Middle name for a Justice               | 117 Myself                          |
| 54 Tennessee grad, for short           | 89 Red fruit                               |                                     |
| 55 Brother                             | 90 Garden intruders                        |                                     |
| 56 Four                                | 91 Began with the Wrights                  |                                     |
| 57 Structure for worship               | 92 Get the potatoes ready                  |                                     |
| 60 Tonnage, abbr                       | 93 Goes with <i>Shoppe</i>                 |                                     |
| 64 That man                            | 94 FDR org                                 |                                     |
| 65 Ventilate                           | 96 Put down                                |                                     |
| 66 ___ Lanka                           | 97 Shakespeare's Kate was a well-known one |                                     |
| 67 First name for early head of the UN |  |                                     |
| 69 Short for a kind of                 |  |                                     |

The solution to Crossword Puzzle 47 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.** Why not treat yourself to that favorite fine art print or poster that you've been wanting for so long? I have access to numerous limited edition graphics and posters. Call Charlie at 492-1845 or 703-742-0911. (11/1)

**Authentic Persian Carpet.** Mashad design. Approximately 11 by 13 feet. Unbelievable value - \$2200. Call Brenda, 492-0020. (12/1)

**Bar Stools.** Two swivel arm bar stools. Wood with steel base. Call 301-236-0132.

**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)

**Reveled-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; several other miscellaneous items - suits, sweaters, pants, etc. All items are in excellent condition. Used only one season. For additional information, call 301-236-0132. (12/1)

**Chairs From Denmark.** Highback, tilting with ottoman (like Eames) molded rosewood and black Naugahyde upholstery \$99 or best offer. "Scan" teakwood with cushions, pair \$54 or best offer. "Scan" walnut finished birch with cushions, \$50 or best offer. Call Dave, 301-942-2867 (leave message) (10/1)

**Computer Photos.** Your photograph on a computer diskette. \$5. I can take a live photo or copy an existing photograph. Call Mike, 492-1016. (5/1, cont)

**Custom Rancher.** Wheaton area. Walk to Metrorail. 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. The lower level has a 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 with second floor storage/shop (24 by 36 feet). \$264,500. Must see to appreciate the many upgrades. Call 942-2407 for information or an appointment to see it. (11/1)

**Desks for Students.** "Scan" Teakwood, 41x24x29 inches, with drawers and lock, \$56 or best offer. Formica finish, 48x18x30 inches, with drawers, \$56 or best offer. Call Dave, 301-942-2867 (leave message). (10/1)

**Diamond Engagement Ring or tea ring.** 14-k gold, four diamonds, .58 ct. Round diamond in center with three marquises. Original cost \$1400. Will sell for \$900. Call Carol, 492-4516. (10/1)

**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. 492-0780 days, 468-6789 evenings. (12/1)

## FOR SALE

**Exercise Equipment.** Exercise all winter long with the DP Fit for Life Gympac 2000 unit with bench. Workout booklet contains a total of 61 illustrated exercises for men, women, girls, and boys. Mint condition. \$175. Call 301-251-1784. (11/1)

**Fisher Wood Stove.** Twenty-five inches deep, twenty-nine inches wide, thirty-seven inches high. Eight-inch flue. Steel with firebrick lining. \$375. Will deliver. Call Jim Myers, 492-0328. (11/1)

**Flash Attachment and Standard Lens.** For Minolta automatic. Make offer. Call 301-869-1181 after 6 pm. (10/1)

**Ford Forder, 1935.** V-8. Fair condition. \$2,500. Call Sue, 330-4954 evenings. (10/1)

**Fuel-Oil-Fired Boiler** for hot-water baseboard heating system. 151 mbh, internal hot water heater. Becket burner. Includes all pumps, air vents, and air scoops. Used two seasons. \$1000. Will deliver. Call Jim Myers, 492-0328. (11/1)

**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. Mizune MST 3, 4, and 5 metalwoods, \$62 each. Call Steve at 492-1537 or 301-840-8562. (12/1)

**Honda Prelude SL, 1985.** Excellent condition. White with black interior. Only 36k miles. Automatic transmission, sunroof, a/c. Fully loaded. Original owner. Call Christine, 492-4132. (10/1)

**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. 492-0904. (11/1)

**Lionel Tr...in 027 Series, \*Silver Spike.\*** Consists of two locomotives and three passenger cars. Accessories included. Very good condition. Only two years old. Price is negotiable. Call Jeff Wolman for more information at 492-3607 or 460-9577. (11/1)

**Microwave.** GE Model JE 2800. 700 Watts. 1.4 cu. ft. capacity. 23" w x 15" l x 14" h. Full sized. Touch pad. Ten power levels. Highly rated by Consumer Reports. Used only 2 months. Excellent condition. \$195. Call Ed, (301) 540-7525. (10/1)

**Moving West.** Selling an 18-foot GE upright freezer, \$75. Gold three-cushion couch, wood trim, \$100. Also speakers, exercise bike, other miscellaneous items. Call 703-385-0262. (10/1)

**Ocean City, Maryland Condo—the Excalibur.** Two bedroom, two-bath condo. Private balcony with direct ocean view. Pool. Two assigned parking places. \$118,500. Call 301-647-9467. (10/1)

**Oldsmobile Cutliss 1986.** Maroon. Excellent condition. Air conditioning, power steering, power brakes,

## FOR SALE

automatic transmission, cruise control, rear window defroster, AM/FM cassette, tilt steering, variable speed wipers. FE 3 sport handling package, sport instrument display, alloy wheels, all service records. \$4000. Call Chris, home, 460-5315; work 492-0754. (10/1)

**Osborne PC.** Model OCC-1. 64 kb RAM. CF/M2.2. Two 200kb disc drives. Software package included. \$190. Call Ed, 301-540-7525. (10/1)

**Papyrus.** Several different scenes, sizes. Must see to appreciate. Various prices. Call 301-869-1181 after 6 pm. (10/1)

**Player Piano.** Schaff Bros. Upright with clawfoot stool. C. 1919. C cabinet and player mechanism need restoration. Call Peter Loysen, 301-871-6877.

**Single Family House.** Gorgeous corner residence on over 1/2-acre lot within walking distance of 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, 492-1329, 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, 492-1239 or 774-5224. 1 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 492-1215 or evenings at 202-635-0398. (12/1)

**Toyota Tercel.** 1983. Five-speed. Two-door. Hatchback. A/C, sunroof, excellent condition. Call Stacey, 492-1082, or 304-7368. (12/1)

**Volvo.** 1973 station wagon. Model 145. Gained 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 492-3121 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

**Available Now.** Single furnished room. Ideal for co-op or intern, or someone on detail to Headquarters. Large room, private bath, phone in room. Kitchen/washer/dryer privileges. \$350 per month includes all utilities except long-distance phone. Non smoking. No pets. Call 301-869-1181.

**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 Christy, 703-938-7825. (11/1)

Continued on Page 30



# SWAPPERS' CORNER

## FOR RENT

Continued from Page 29

**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 Mountain 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 492-0780 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, 492-3219 or 301-983-1297. (10/1)

**Ocean City Condo.** Large two-bedroom, fully furnished and equipped oceanfront condo. Sleeps eight. In the Irene, at 111th 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)

**Rockville/Bethesda Park Condo.** Share a three-bedroom unit. \$350 per month, including utilities. Call Tsai : 301-816-0944. (10/1)

**Room in Shady Grove Townhouse.** Non-smoking female to share a brand new, luxury, three-bedroom, four-bathroom townhouse near the Rio Shopping Center off Shady Grove Road. Private bedroom with full bath, kitchen and laundry privileges. The 2200-square foot townhouse has an oversize country kitchen, two fireplaces, furnished recreation room, wetbar, deck, patio, garage, security system, and small backyard. The living/dining room is unfurnished, so there is room for your own furniture. No pets. \$350 per month includes utilities and local phone. Available immediately. Please call Chris at 301-990-7520 (leave message) or 492-0984. (10/1)

## FOR RENT

**Secluded Riverside Farmhouse.** 19th century farmhouse on eight acres on a small river in the Blue Ridge foothills (Greene County, north of Charlottesville, VA), a two-hour drive from Rockville (less than 100 miles). Sleeps six (two double beds, two single beds). Play equipment for children. Close to Shenandoah National Park. Foundations and millstones from old water-powered mill on property. Modern kitchen, washing machine. Otherwise you step into the past. No TV, no VCR. Just off State Road but very secluded. When the leaves are on the trees, you can see no other house. Fully furnished. Rentals by weekend, week, or month. Reasonable rates, varying with season. For information, call Bob and Nancy Hale, 703-923-4798. (10/1)

**Single Room.** Very large, very private, with full private bath. Kitchen, laundry privileges included. Swimming pool and hot tub. Ideal for student, intern, or someone on detail to Headquarters. Non-smoker only. No pets. \$350 per month includes utilities and local telephone (phone in room). Available December 15. Call 301-869-1181 and leave a message. (12/1)

**Two Bedroom high-rise condominium** near Shady Grove Metro. Available December 1, 1991. \$800 rent includes all utilities and swimming pool privileges. Call 301-654-4318. Leave a message. (11/1)

## 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 492-1845 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 or evenings, 593-1389. (cont)

**Landscaping Services.** Will beautify and maintain your lawn for a reasonable price. Call for free estimate today. 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

## SERVICES

needs, call 301-984-3515. Award-winning writer with ten years' experience can make it sound great at reasonable rates. (12/1)

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

**Tax Services.** Time to start planning for the 1991 tax filing season. Tax planning and preparation, retirement considerations. 20 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)

**Writing, editing.** Give your work that professional touch. Call 301-869-1181. (cont)

## WANTED

**Car Pool Members.** From the vicinity of Montgomery County Airport on Route 124 in Gaithersburg to White Flint/Nicholson Lane Buildings. Hours 7 am to 4:45 pm. Call Joe Mate, 492-3795. (cont)

**Car Pool Members.** From vicinity of River and Trevilah Roads, Potomac, to White Flint. CWS hours 6:45 am to 4:30 pm, alternate Fridays off. Call 492-1732. (cont)

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

**Crth, Infant Car Seat, Size 18 Maternity Clothes.** If you can donate any of these, please call the NRC Employee Assistance Program, 492-4639. (10/1)

**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. Please call Sue after 6 pm at 301-236-4521. (11/1)

**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)

**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 I of the National Capital Soccer League). Call Kamal Munoly for details. 492-0765 (work) or 301-990-9644 (home). (cont)

**Treadmill and Nordic Exerciser.** Both in good condition. Call Judy, 492-7251. (10/1)

## FOUND

**Medical ID Bracelet.** Stainless steel. Found at One White Flint North. To claim, call 492-1732.

## NRR Awards

Continued from Page 4

### Certificate of Appreciation

Robert Manitt, Safeguards Branch.

### Suggestion Award

Jane Mallin, PMAS

### Length-of-Service Awards

**10 Years:** Ronald Eaton, Project Directorate (PD) D 1-3; Hukam Garg, Instrumentation and Control Systems Branch (SICB); Francis Grubelich, DET; John Hickman, DRPW; Yi-Hsiung Hsui, Reactor Systems Branch (SRXB); Steven Jones, Plant Systems Branch (SPLB); David LaBarge, PD 2-1; Deborah Miller, PD 2-2; Cheryl Anne Nagel, PD 1-4; Joseph Petrosino, Vendor Inspection Branch (RVIB); Phyllis Sobel, Structural and Geosciences Branch (ESGB).

**15 Years:** Angela Chu, PD 1-3; Timothy Colburn, PD 3-1; Siegfried Guenther, Operator Licensing Branch (LOLB); Robert Hermann, Materials and Chemical Engineering Branch (EMCB); Michael Kaltman, MIPA; Glenn Kelly, Risk Applications Branch (PRAB); John Munro, LOLB; Ronald Villafranco, DRPW; Harold Walker, Plant Systems Branch (SPLB); James Wilson, Standardization Project Directorate (PDST).

**20 Years:** Michael Davis, Performance and Quality Evaluation Branch (LPEB); Frederick Hasselberg, Emergency Preparedness Branch (PEPB); Cornelius Holden, LPEB; James Knight, DST; Chester Poslusny, PDST; Karen Pulsipher, PMAS; Cecil Thomas, DLPQ; Carlos Velez, PMAS.

**25 Years:** Richard Brady, PMAS; William Long, PD 3-1; Phillip McKee, RSGB; William Russell, A/D for Inspection and Technical Assessment; Magalean Weston, Technical Specifications Branch (OTSB).

**30 Years:** Shirley Norris, PD 1-4; Roberta Ingram, PMAS.

**35 Years:** Byron Siegel, PD 3-2.

## Puzzler

Continued from Page 32

Mail your entries to *NR&C*, Puzzler No. 49, 17G21. All entries must be received no later than the close of business February 18. In case of a tie, the winner will be drawn from among the correct entries received.

Chris Alexander of the Office of Personnel is the winner of Puzzler No. 46, Football Time and may claim the prize of an NRC coffee mug by calling 492-1732.

For more information on these or other Puzzlers, call 492-1732.

## LAN

Continued from Page 20

(now Operations Support Branch Chief for the Advisory Committee on Reactor Safety/Advisory Committee on Nuclear Waste) and Chuck Fitzgerald (the Deputy Director of IRM's Division of Computer and Telecommunications Services).

Guy Wright, the Chief of the Office Automation and Network Development Branch, was one of the next to become involved.

Pam Krusic, the Director of the Division of Computer and Telecommunications Services, is the senior management official responsible for the project, and she has been very supportive throughout.

As to future developments in AUTOS, Chris expects there will be many.

"For instance," he says, "NRR, our largest

customer, has the WISP Project for the scheduling and tracking of projects.

"As people outside NRR see how it works, I think more and more offices will want their own application.

"And there are the CD-ROM files that the library uses to give people access to information from technical libraries around the world. We are working with the library, so that eventually people will access that kind of information from their desks.

"We are already putting performance standards and elements on AUTOS, eventually we hope to have just about all the standard administrative forms there.

"There really is no limit to what we can do. The only limit is going to be our imagination."

## Crossword Solution No. 47, Region I



## Puzzler No. 49

# THE TTC



Submitted by Bobby R. Eaton, PWR Instructor  
TTC Chattanooga

Here is a scrambled-word puzzler that deals with the Technical Training Center and the surrounding area. Terms included are areas taught at the TTC, places to visit in the area, and things historically associated with Chattanooga.

- |                             |                          |                            |
|-----------------------------|--------------------------|----------------------------|
| 1) accdeinst                | 15) abbocko & cilowx     | 29) ailmorstu              |
| 2) acimoorss                | 16) aeinooprst           | 30) aefsty adelirt         |
| 3) acco aclo                | 17) aaccehilrn emssty    | 31) bruy afils             |
| 4) ceegimnrs                | 18) akirsty abeghmrrsu   | 32) ckor tyoi              |
| 5) fglo ceorssu             | 19) eeginrv eirrv ceirsu | 33) bcimnoostu eeeggiinnr  |
| 6) ceilinn aairlwy          | 20) abss fghiins         | 34) kloootu aimnnotu       |
| 7) eilitt bbdeeis           | 21) bdelou acio          | 35) eimnrrsttu aefilrsu    |
| 8) mnoo eip                 | 22) ghinntu              | 36) aeeginr cceelirt       |
| 9) aceort chipssy           | 23) aelk aeehiknpsuw     | 37) acceellrt emssty       |
| 10) bdeeinrv aerilstv       | 24) aaccijklin aef:      | 38) aaacoghikmu abdeefilrt |
| 11) knosy aimnnotu          | 25) alnpt eentsv         | 39) hoco cooh              |
| 12) celimss acegorty i      | 26) eeghinosstue         | 40) aehogsuy               |
| 13) accehilnt accefiinopsst | 27) eeeennsst eirrv      |                            |
| 14) aglinnrt adis           | 28) aeinnrstt            |                            |

Continued on Page 31



## RIDESHARING REPORT

### Now Is the Ideal Time To Join a Carpool

Time and circumstances make this the ideal time to give up your single-occupancy vehicle and join a carpool (or vanpool). The onset of winter and a change in parking regulations at White Flint both make carpooling a better-than-ever idea. Here are some reasons why.

Driving alone in the winter isn't always fun. Roads sometimes are coated with ice and snow, causing long traffic delays, or even worse. If you are stuck in traffic for an extended period, having someone in the car to talk to can be a welcome relief. And if you are just plain stuck -- one or two extra pairs of hands can come in very -- well -- handy. Some to push while others steer, perhaps. Or, there will be one person available to wait in the car while another goes to find a phone to call for assistance. Whatever the winter traffic problems, the next few months a good time *not* to be driving to and from work alone.

Changes in the parking regulations at White Flint also make carpooling more attractive these days. With the reduction in

available spaces in the surface lot, the demand for parking space in the White Flint garage exceeds that which is available. Not everyone who has been parking in the garage is going to be able to continue to do so.

But, those who are in carpools will have priority over those in single-occupancy vehicles. (Others who will receive priority consideration for parking spaces in the garage are certain executives, the handicapped, and those who work unusual hours.)

Parking in the garage is especially desirable in the winter. Your car won't be icy cold when you get in, and should we have freezing rain or snow during the day, you won't have to worry about scraping windshields before you leave for home. You also won't have to take an icy walk to get to your car.

So don't delay. Call the Admin Service Center 492-0265, and make that switch to a carpool today.