



CROSSCURRENTS

ST. PAUL DISTRICT
U.S. ARMY, CORPS OF ENGINEERS

Vol. 2, No. 2

October, 1978



Minnesota Governor Rudy Perpich joined District Engineer Colonel Forrest T. Gay and Doug Spaulding, District dam safety inspection project manager, in touring the Coon Rapids Dam across the Mississippi River north of the Twin Cities. Three area television stations filmed the inspection made by the governor, who was also accompanied by legislators representing the area.

The dam was generally given a clean bill of health by the Corps, although periodic inspection was recommended. The dam's "high hazard" category will be reduced to "significant hazard" at the District's recommendation.

The Coon Rapids Dam was one of 659 dams in Minnesota to be inspected; 33 of these are "high hazard," and 78 are "significant hazard." St. Paul District is also responsible for inspection of 868 dams in Wisconsin, 146 of which are "high hazard" and 188 are "significant hazard."

These dam investigations are part of the Corps national dam safety inspection program, in which some 9,000 dams will be inspected in a four-year period. The project was initiated last December when the President directed the Corps of Engineers to insure that tragedies such as the Taccoa, Georgia, dam failure would be averted.



SAME LUNCH MEETING
HELD ON 23 OCTOBER

Open House was held at the Orwell Dam on 30 September to acquaint area residents with the operation of the dam, built 25 years ago. Visitors were given guided tours of the dam and maintenance shop areas.

A large photo in the Guttenberg, Iowa, newspaper featured a scenic view, and stated: "The grounds at Lock and Dam 10 at Guttenberg get plenty of attention to keep them in immaculate condition..."

At Valley City, North Dakota, Lake Ash-tabula park manager Mel Rieman is an instructor in the Hunter Safety Training Program. North Dakota law specifies a course in safe hunting practices be taken by any person who applies for a hunting license. He was pictured in a recent issue of a local publication at a hunting safety class for youngsters.

JUST BETWEEN US ...

GOOD LUCK to NANCY RUFFNER, EP-R, who left the Corps to move to Sacramento, California, with her husband... and to DOUG SPAUDING, ED-D, who left 10 October, to open a Twin Cities branch office for INDECO, a Bettendorf, Iowa, based engineering firm... and to SHELLEY SMITH, ED-P, who "retired" on 13 October to become a full-time housewife.

CONGRATULATIONS ON THE BIRTH of a 5-1/2 lb. son, John Edward, born 4 September, to PATRICIA and PATRICK (Minot project office) VICKMAN... a 8 lb., 5 oz., daughter, Stefanie Colleen, born 2 October, to SANDY and DON DONNELL, CO-GR... a 6 lb., 7 oz., son, Wren Michael, born 2 October, to GRETCHEN and MICK WEBURG, CO-GR.

SYMPATHY is extended to STAN KUMPULA, ED-HF, and AL ROSENBERG, CO-A, on the deaths of their fathers.

The Society of American Military Engineers noon meeting on 23 October featured Dr. Raymond H. Merritt speaking on "Military Engineering --- the Pain and the Joy." Dr. Merritt teaches at the University of Wisconsin-Milwaukee and has researched and written the St. Paul District history which is soon to be published.

The luncheon meeting is set at Mr. Pedro's.



The 1978 Corps of Engineers softball team, Capitol Hills Softball League Playoff Champions: kneeling, Jack Crowson, Mgr., Gary Palesh; standing, left to right, Dave Christianson, Bruce Norton, Gene Nagle, Jim Murphy, Jim Roscoe, Jim Freeman, Glen Bengston, Dennis Anderson, Bill Vennemann, Mike Donahue; missing from this picture, Dan Reinartz and Kent Pederson.

JIM RUYAK, CO-C, reports that he and his wife had a very enjoyable trip to Huntsville, Alabama, where they watched the pageant for Miss World America. Their daughter, Beth, participated in the event as Miss Wisconsin World, a most exciting and educational experience for a 17-year-old girl. Miss North Carolina was chosen Miss World America.

A View of the Gaillard

The Dredge Gaillard was sent from her Lake Superior berth recently on a special mission for the Detroit District... to dredge the Livingston Channel of the Detroit River, a rocky shoal that had defeated the best efforts of some other dredges.

A sprightly view of the operations was presented in an 8 September letter to the editor of the Amherstburg (Canada) Echo, and was clipped for us by Clarence Overby, operator on the Dredge Gaillard:

I have been wanting to get in to see you but they have us working almost around the clock. The Corps has a big dredge here from the Duluth District. It is a dipper with a lot of power and special buckets and teeth, it is designed to break up rock shoals and remove them, thus avoiding demolition. It is engaged in removing a shoal in the Livingstone Channel just out from the Dikes. The dredge is the Gaillard, the attending tug is the Marquette. They are loading scows and we are unloading them. We are using some of the rock to preserve the integrity of the lighthouse (front range) 49D on the end of the Bob-Lo dike, it was being threatened by undermining from the constant sea action. We don't know yet just where we are going with the rest of it. All told it is quite an operation with two dredges, four tugs and two barges. The tugs are constantly making crew changes and running supplies, if you would to have a

look at it call or stop at our office (at McQueen Marine) and George Fitzugh will arrange a guided tour.

May the force be with you,
Ed Lugers

P.S. - We had a little aside that I know you will get a kick out of, when that dredge got here we went out to meet them, they were lying still in the lake, a steam rig like her is different from a deisel mainly because of the noise (or lack of it). She sat without breath or motion, like a painted ship upon a painted ocean, as we approached her the operator engaged the shovel, there was a big 'shoosh' and a cloud of white smoke not unlike an atomic mushroom, blew out of her stack, one of our new guys said "What the hell was that?" Russ Wilson replied "I am not sure but I think they just elected a pope."

Two employees of Lock and Dam 1 acted quickly and ably to try to save the life of a 62-year old woman who jumped from the Ford bridge, just above the dam, on 8 October. Joe Weiberg and George Jaeger were on duty early that afternoon when they heard the shouts and screams of persons who witnessed the tragedy. They launched the life skiffs and were out on the river when the woman surfaced. The men pulled her into the boat and Joe began mouth-to-mouth resuscitation. On shore, they applied artificial respiration until the rescue squad arrived, but the woman was pronounced dead.

Project of the Month...

A LOOK AT VTR

At 12:30 on 26 October, Room 1033, Bill Banks, the Visual Information Student Trainee in St. Paul District, will show the tape of the July '78 Rochester flood which he recorded and edited into an impressive presentation of the ravages of a river on the loose.

This Project of the Month program will outline the uses and potential of VTR (Video Tape Recording) as a teaching and demonstrating medium.

EMPLOYEE BENEFIT FUND ELECTS NEW OFFICERS

Newly elected Employee Benefit Fund Council members are as follows:

President	Joel Rogers	7589
Secretary	Karen Milton	7534
Disbursing Officer	Loretta Lipke	7536
Alternate Disbursing Officer	Val Burlingame	7550
	Bob Engelstad	5904
	Jim Murphy	5904
	Dan Reinartz	5951

All member benefit claims should be made to Loretta Lipke. Val Burlingame should be contacted in the absence of Ms. Lipke. Contributions to the EBF should be forwarded to Steve Larson, Room 1319, ED-Design, Ext. 7625.



Dave Haumersen and Dave Tschida present Colonel Gay with the traveling plaque won by the District golfers in the second annual NCD-St. Paul District tourney. Next year's golf tournament is set for 21 July 1979.



EBF's First Annual Holiday Boutique

Joel Rogers, president of the Employees Benefit Fund, and Don Powell (at right) make their selections from the hundreds of different type handicrafts brought to the EBF's First Annual Holiday Boutique on 2, 3, 4 October. In background are Barb Adams and Mark Heider.

Carmen Mundale and Eleanor Williams examine a shawl crocheted by Joan Quitter (and purchased by Eleanor).



Sue Perantoni holding her daughter Leah Sue, and Dave Valen at right. Mrs. Perantoni brought a large selection of hand quilting to the bazaar.

Looking over the goodies are (left to right) John Blackstone, Chris Kröll, Bill Banks, Marsha McTamaney and Donna Knittel. Donna, who contributed a great deal of time to the bazaar, commented that "it was a lot of work, but it was also a lot of fun. I'd like to see us do this again next year."



Several of the hard-working people who organized, arranged, tended and generally devoted themselves to making the bazaar a success, hanging decorations on the holiday tree: At left is Jenny Peterson, a neighbor of JoAnn Lenhart, who stands at right. Center is Dorothy Gloeb. The financial report on the sale showed that some \$600 worth of goods were sold, with 10% of the gross going into the Employee Benefit Fund.

Jan Pream and friend Sharon Remore, and Lois Hawkinson at right, examining the variety of hand-crafted items for sale.

EAU GALLE EVENTS

The article reprinted here from the 28 September 1978 Spring Valley Sun "Remember When" column relates the events surrounding the dedication of the Corps Eau Galle Dam, 26 September '68. This same issue carries a note from Colonel Gay thanking the community for inviting him to act as Grand Marshal of the Dam Days parade on 17 September, when the new campground was dedicated -- just 10 years after the dam dedication:

Record crowd attends Dedication Festivities among the events of the weekend were: A log cutting contest; antique auto parade; a teen and street dance, the big parade, a pony pulling contest, a concert by the "Sweet Adelines" and fireworks. An estimated 10,000 people attended the festival Sunday.

The Dedication Plaque was unveiled at ceremonies Saturday morning. Assisting in the unveiling were; Gail Smith, Queen, Gov. Warren Knowles, Congressman Vernon Thompson, Mayor Allen Anderson and Col. Richard Hesse, U.S. Army Corps of Engineers.



MARINE MUSEUM SOUNDINGS

During the first half of September, until the Marine Museum closed for the season, attendance reached 33, 002. "That's about average for this time of year," according to curator Pat Labadie.

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An article, courtesy Brainerd, Minnesota, Daily Dispatch, by staff writer Jim Sloan

One-Armed Ranger Defeats Handicap

BY JIMSLOAN
Staff Writer

"I don't think there was a day in my life when I thought of myself as handicapped," said Crosslake Park Ranger Ray Nelson.

Nelson's attitude — he was born without one arm — highlights the goal of National Employ the Handicapped Week, which begins today.

Nelson, a 25-year-old park ranger at the U.S. Army Corps of Engineers Campground in Crosslake, feels that his story might show handicapped children that their disability can be "beaten."

"A lot of kids who have a handicap, they get the feeling that they're beaten. Kids get razed a lot. I'd like to show them that you can beat it," he said.

A member of a muzzle-loader's shooting

club and an avid softball player, Nelson is anything but beaten.

The Department of Economic Security in Brainerd, better known as the Job Service, placed 94 people like Nelson in jobs in this area over the past year. "National Employ the Handicapped Week" is aimed at emphasizing the needs of the handicapped, and their desirability as employees.

Nelson, a Crosby resident, holds a degree in parks and recreation from Mankato State University. Despite that, he said, a permanent position in that field has been a long time coming.

Graduating from Mankato State in 1975.

Nelson worked as assistant park and recreation director at Staples until the Spring of 1977, when CETA funding for the program

began to run short.

Among other things, during his college internship he helped develop a park plan for the city of Staples.

"It ended up being about 40 pages long," he said. "They did go along with most of our suggestions for improvements. That was a confidence booster."

The next months were pretty lean ones while Nelson applied for job after job. "That was the first time I'd been in the situation of applying for jobs and not getting them," Nelson said.

Nelson set his sights on Crosslake, having worked at the campground in high school doing maintenance work.

"I was raised on a farm, so I was looking for outdoor work," he said.

He was hired in the spring of 1977 as a park technician, working at the campground's check-in station, providing information to the hundreds of tourists who seek a haven from the Twin City area there each year.

The job was seasonal, however, involving layoffs in the winter. Nelson applied for a permanent position as a park ranger, and, last July, he got the job.

"On July 10 they called me and told me I had won the job. I remember that date," he said.

Nelson's work impressed his superiors to the point where he was picked to head up an ambitious program aimed at taking the study of ecology out of the classroom and into the woods.

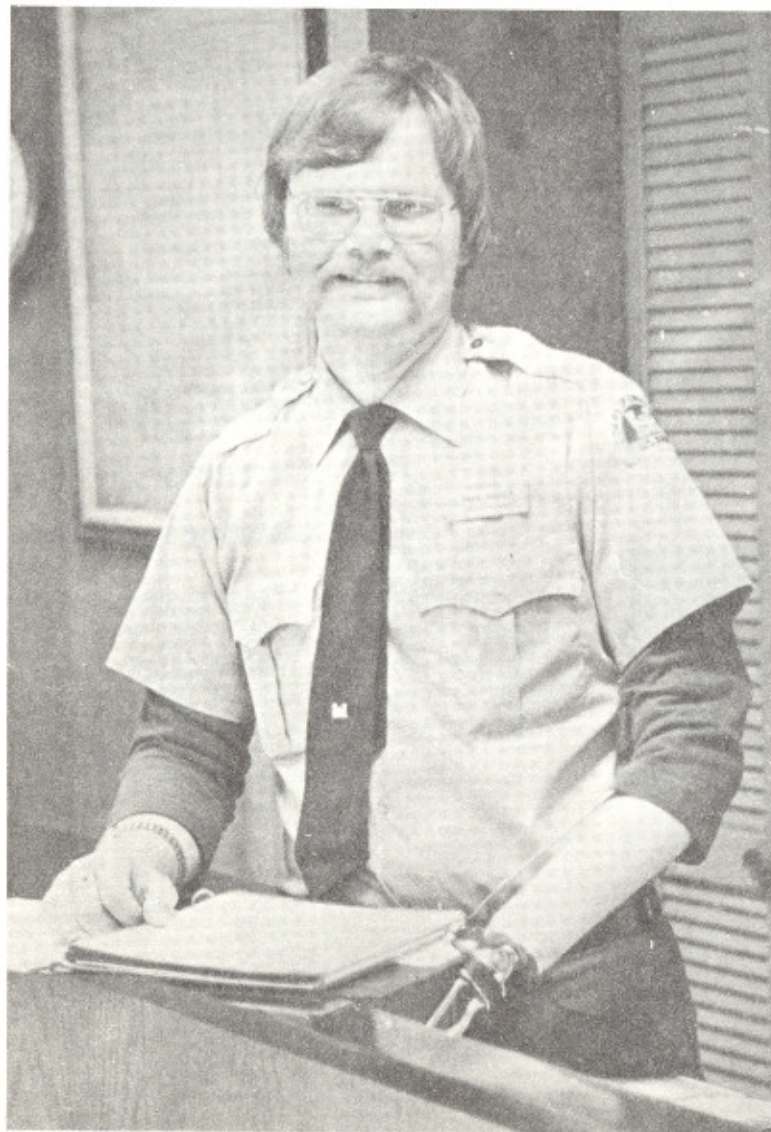
Entitled "Ecoexpo," the program is designed to give area school students first-hand knowledge of tree and plant identification, wildlife and wildlife habitat and a host of other areas.

"Orienteering," the use of map and compass to find one's way through the woods, will also be part of the nature program.

For Nelson and his wife, Lori, the job was the end result of a lot of hunting.

Nelson's ability to "beat" his handicap stems from a simple philosophy.

"I just think of myself as normal, and everybody else does too," he said.



BEATING A HANDICAP — Park Ranger Ray Nelson looks over the registration book at the U.S. Army Corps of Engineer's Campground in Crosslake. Nelson's story highlights "National Employ the Handicapped Week" which starts today. (Daily Dispatch Photo)

ONE MAN'S CASTLE IS ANOTHER MAN'S PEN

The castle insignia of the Corps of Engineers symbolizes fortification, a traditional activity of military engineers. A stylized reproduction of the old Porte Chaussee of the city of Verdun, the castle reminds us of our military heritage and of the great military engineers whose heirs we are — men like Vauban, Carnot, and Brialmont. We wear the castle proudly — but, now and then, we also enjoy swapping yarns about it.

This one dates from World War I.

During his first days in camp, a timid recruit kept trying to identify the various branch insignia. After about a week, he reported to his tent-mates:

"I think I have most of them straight. The crossed guns are for the doughboys; the crossed flags are for the Signallers; the pineapple's for the Ordnance; and the corkscrew's for the Medics."

But the castle had him stumped.

"For the life of me," he said, "I can't figure out what that darned penitentiary stands for."



Glenn Kress, Flood Control Dam Operator at the White Rock Dam, on the Lake Traverse and Bois de Sioux River Flood Control Project, has this past season begun the production of the metal signs erected at St. Paul District installations and projects. These had previously been purchased commercially. He and his assistant, Raymond Blank, have already sent off 486 signs of a 524-sign order for the locks and dams. Here, Glenn places one of the signs -- which are lettered by silk screen process and/or decal -- into a vacuum applicator, which seals the reflective sheeting to the metal. Electric bulbs provide heat for the process.

(Charles Adams, at Orwell Dam, is responsible for all the redwood routed signs that mark Corps installations in this district.)



Remarking on the sharp increase in visitation at the three day-use areas there, Glenn noted that "We had water this year, so people could fish... and that's what they come here for!"

At White Rock Dam, visitor days in 1978 totaled 40,927, in '77, 12,878; at Reservation Dam, despite the fact that the area was flooded through July, 15,994 visitor days were tallied, over 11,290 in '77; and at Browns Valley, this year the figure was 25,308, over 17,308 in '77.



The Bois de Sioux River at White Rock Dam is a popular fishing place. This past season, Glenn Kress tallied 40,927 visitors to the dam. These young men were trying their luck on a cold and rainy Sunday early this past summer.



Colonel Gay shakes the hand of A. Franklyn Barron, former mayor of Pembina, North Dakota, and a staunch supporter of the Pembina Flood Control Project, following the dedication of the project on 15 September.

NEW EMPLOYEES

Reuben L. Anderson, ED-PB
Phone: 7630

Herbert A. Nelson, ED-PB
Phone: 7472

Danette G. Clark, ED-PB
Phone: 5985

Ron Tuura, ED-D
Phone: 7625

Scott Thureen, ED-PB
Phone: 7576

Kathleen B. Stiles, AS-L
Phone: 5921

Walter M. Osterby, ED-PB
Phone: 5817

NEW OFFICE EXTENSIONS

Melody J. Jepson, ED-D...7957
Terry J. Engeldinger, ED-PB...5985
John Blackstone, ED-HF...7704
Richard L. Schreifels, AS-G...7507
James L. Gagnon, EJ...7569
Dale S. Mazar, EE...5917



Television cameras recorded the meeting of Colonel Gay and Reserve Mining Company officials on 28 September, as he toured the company's Mile Post 7 site. Here COL Gay greets Matt Banovetz, executive vice-president of Reserve Mining Company.

The tour was scheduled to determine if preparation of the taconite tailings disposal site is on schedule and if permit terms are being met, since more than 30 Department of Army permits are required by Reserve to enable the company to shift by the end of 1980 from water to onland disposal of the controversial tailings.

THE CHIEF SPEAKS: FOR WHOM DO WE WORK?

"For whom do we work?"

Chief of Engineers Lt. Gen. J. W. Morris recently expressed his concern about the Carter Administration's perception of the Corps' stand on this question.

In a letter to Maj. Gen. Richard L. Harris, Division Engineer, Morris stated:

"I am surprised about once every month or so by the uncertainty among some of our people on this key point. Our situation is similar to many service organizations. The customers we serve reflect to a large degree on how well we do our job and from time to time shape the business we do.

"This is the basis for 'customer satisfaction' as an important objective and our 'support to the public' goal.

"Even so, the President gives us direction. Some--perhaps

most--Presidents have taken only a 'distant' or 'no' interest attitude toward the water program in general and the Corps specifically.

"President Carter is personally interested in our public programs and in the Corps as an institution. Consequently, the pressures on you and the districts are greater than normal because the customers' demands have not diminished and the boss's demands and expectations have increased greatly.

"I consider this healthy and proper, but there can be no doubt that when conflicts arise the President's instructions prevail.

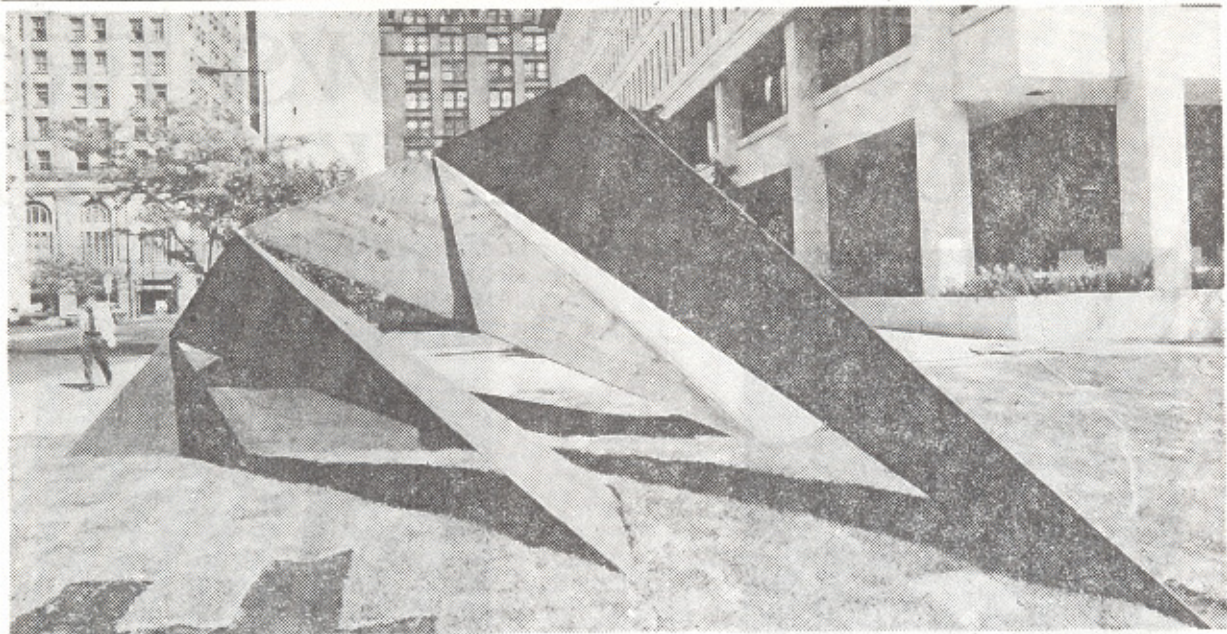
"This means your job becomes difficult in areas where our customers' needs and desires differ from current executive policy. Our goals were designed to help you in moving through these conflicting areas."

MINOT CHANNEL PROJECT DEDICATION HELD 18 OCT

A luncheon for some 250 persons at the Minot Ramada Inn was followed by dedication ceremonies at Roosevelt Park officially marking the completion of the Souris River Channel Improvement Project by the St. Paul District.

Speakers at the luncheon were Division Engineer MG Richard Harris; COL Gay; Senator Milton Young; and Mayor Chester Reiten. Lt. Gov. Wayne Sanstead was the main speaker at the dedication at which MG Harris uncovered a plaque.

MG Harris on 17 October toured the Twin Valley and Pemblier projects, and the morning of 18 October he toured the Burlington Dam site by helicopter.



Ever since it was installed in 1976, the sculpture 'Propagoras' has had its critics. Some like the large metal art-

work which adorns the lawn of the Federal Courts building — but others say it's an eyesore.

St. Paul Dispatch

Action Line in the St. Paul Dispatch was questioned about the artwork on the lawn of a neighboring building: "I would like to know who is responsible for that monstrosity setting on the lawn of the Federal Courts Building, Robert Street and Kellogg Boulevard. If that's supposed to be art, I have never seen any. I was told that it cost the taxpayers a considerable sum of money. If that was in our backyard, the city would have it hauled away for junk," the letter stated.

Action Line responded: Where have you been? The four-ton sculpture titled "Propagoras," a Greek word meaning "decision," was installed in May, 1976, and was created by Charles Ginnever of Putney, Vt. It cost \$42,000 and was commissioned by the Fine Arts Bureau, Office of Special Programs, General Services Administration, Washington, D.C. But if it is any comfort, you are not alone in questioning whether it is a work of art. The public buildings manager at the General Services Administration's office in Fort Snelling said that shortly after it was put in place a Dakota County lawyer complained to Washington officials that he considered it an "eyesore." Daniel Gregory Mason in his "Artistic Ideals" said "Art of any profundity can be appreciated only slowly, gradually, in leisurely contemplation." Maybe in time it will grow on you.

Headwater Notes

(Taken from old Headwater record books)

Pokegama Falls, Minn.
Nov. 18, 1905

Major G. McC. Derby,
Corps of Engineers
St. Paul, Minn.

Sir:-

I have the honor to report that the work at this station for the week ending this date consisted of putting storm sash on quarters, washing windows in quarters, housecleaning, regulating flow of water through dam and recording the necessary observations. The mild weather of the past week has been the means of thawing the ice in river and in small lakes.

Respectfully your
obedient servant,

B. C. Finnegan



FEDERAL HOLIDAYS IN NOVEMBER..
Armistice Day is the 10th...
Thanksgiving Day is the 23rd.

VIEWS FROM GREAT LAKES REGION



*LTG John W. Morris,
Chief of Engineers*

"A national water policy is high on the list of necessary formulations. For one thing, we are approaching a major intersection on the road to development of our nation's water resources.....The Corps of Engineers' excellence in engineering design and construction management long has been recognized."

"It is of utmost importance that we maintain a strong Corps of Engineers in peace time missions, a Corps that will be prepared for action in time of war."



*MG Richard L. Harris,
Division Engineer*

"Our Society has one of the richest and most colorful histories of any society in the country. Since our inception in World War I, our members have served our country in peace and in war and lived up to our motto 'Dedicated to National Defense.'"



*Joseph Rossillon,
Fresh Water Biological Research
Foundation*

"The number one water problem in the world today is the blue-green algae and the reason for this, blue-green algae is toxic to a lot of animals, it's toxic to many bacterias in the food chain and it feeds on nitrogen in the water, the one thing we can't remove. We provide with human waste the ideal food for the blue-green algae, and it is taking over the world."

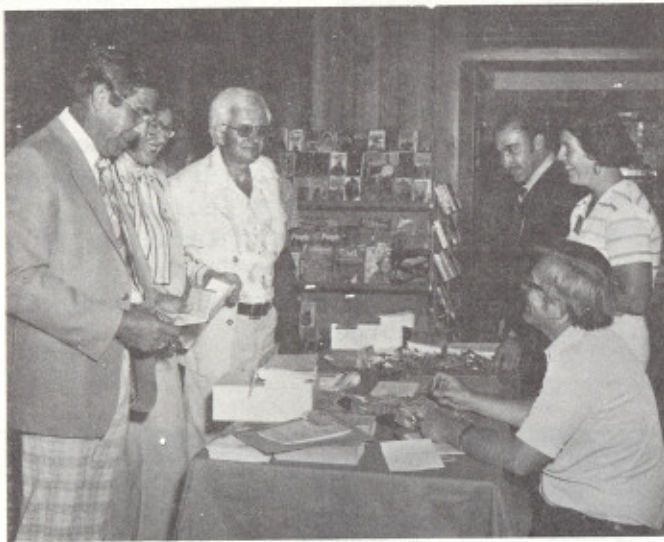


*David Zentner,
Izaak Walton League*

"I appreciate the cooperation St. Paul District and Colonel Gay have given the Minnesota Pollution Control Agency in regards to the matter of the dredging agreement we entered into in May of 1978. When we have a goal and proceed down the road we are flexible enough to learn, admitting once in a while we're wrong on both sides. And this has characterized the relationship of the two agencies in the matter of the Mississippi."

THE S.A.M.E. REGIONAL CONFERENCE

HELD AT:
GULL LAKE, MINNESOTA
11-13 SEPTEMBER 1978



Registrants are Bob Fletcher, Design Branch; his wife, Delores; and Joe Schultz. (Ray Sandford in background).



Frank Mazurkiewicz, General Regulatory Branch; Al Rosenberg, Construction Branch; Doug Holmberg, Planning Branch, (in background) at registration desk.



COL Gay introduces the speaker, LTG Morris, at the banquet.



Dan Krumholz, Brent Johnson, Jim Stadelman, Dave Loss, Randy Amundson, Frank Mazurkiewicz, Al Rosenberg, John Sanda.



Around the table, Florence (Mrs. Joe) Schultz, Delores Fletcher, Lynn Cuyler, Fred Kelley, COL Gay, Mary Rivett, Jean Thurmer, Joe Schultz, Bob Fletcher, Dale Lynch.



Panelists debating "Whose River?" are Jerry Schotzko and Joseph Scott, both of U.S. Fish & Wildlife Service; Neil Haugerud, Upper Mississippi River Basin Commission; Rogers George, a recreational boater; John Lambert, Twin City Barge & Towing Company; Joseph Alexander, Minnesota Department of Natural Resources.



"Innovative Flood Protection at Prairie du Chien" was discussed by Hon. John McPhee, Mayor of Prairie du Chien; Paul Seguin, project manager, St. Paul District; Bob Northrup, Planning Branch; and COL Gay, moderator.



COL Gay is "pinned" with the past-President's pin by John Bowers.

*John F. McPhee,
Mayor, Prairie du Chien*

"I'm a simple country fellow with a simple message...stick with it and get the job done but be prepared to let the bureaucrats in high places know your time is also valuable."



COL Gay, LTG Morris, Walt Hermerding, park manager at Cross Lake, look at a recreation brochure.

*Prof. Raymond Merritt,
University of Wisconsin -
Milwaukee*

"The technician measures and counts and does the expected; the professional-- the professional engineer-- dares to dream and innovate and create, and as disturbing as he might be at times to many, that is his necessary function, to lead the charge."



Marty Ehrhardt, Gull Lake, points out to LTG Morris an exhibit in the visitor center.



LTG Morris receives a memento of his visit to St. Paul District and the Mississippi River headwaters from COL Gay.

*Dr. Calvin Fremling,
Winona State University*

"So we can determine sedimentation rate in the back waters and the alarming thing is if we do it or La Crosse State or the University of Wisconsin at La Crosse say it, or the people in Oxford, Mississippi, do it, the results are the same. The Mississippi River backwaters will be dead in not much more than 50 years."

*COL John Moellering,
Vicksburg District Engineer*

"Mark Twain in describing the work done by the Corps of Engineers on the Mississippi used to like to quote Ecclesiastes, making reference to what God made crooked, man wanted to straighten. Mark Twain's view of the Corps of Engineers and what they tried to do to the river in those days was we had good intentions but he was fairly doubtful about the outcome."

S.A.M.E. GULL LAKE GOLF TOURNAMENT

The Society of American Military Engineers, Minneapolis/St. Paul Post, sponsored a Golf Tournament for attendees at their recent Great Lakes Regional Conference at Gull Lake, MN. Eighteen of the hardier duffers ventured out in very inclement weather to play the beautiful Madden Inn course, with 11 finishing the 18th hole.

Prize Winners were as follows:

1ST PLACE WITH HANDICAP SCORE OF 65- DAVE HAUMERSEN

2ND PLACE WITH HANDICAP SCORE OF 68- BOB NORTHRUP

LONGEST PUTT ON #18- JIM KURSU

CLOSEST TO PIN

HOLE #1- JIM KURSU

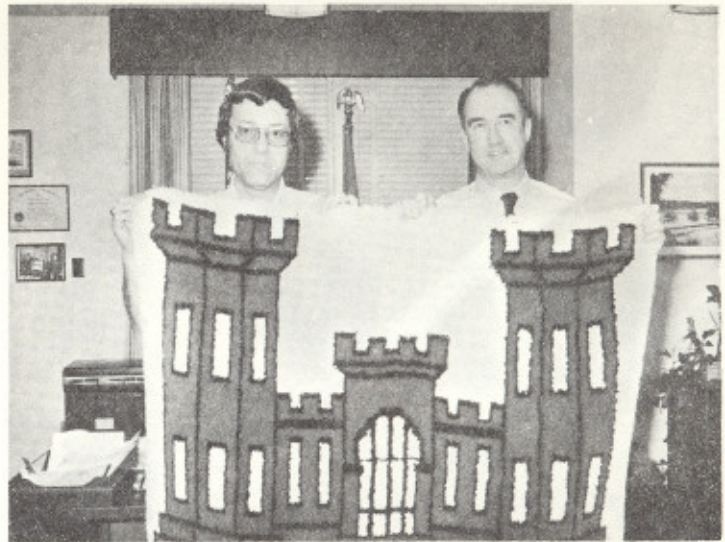
HOLE #8- JIM KURSU

HOLE #10- MAJOR GENERAL HARRIS

HOLE #13- DAVE HAUMERSEN

Presentations were made by LT Vern Abdo, Tournament Chairman.

Others who made it to the 18th hole were Colonel Gay, Bill Spychalla, Colonel Jorns, Glenn Engstrom, Al Bjorquist, Ed McNally, and John Ross.



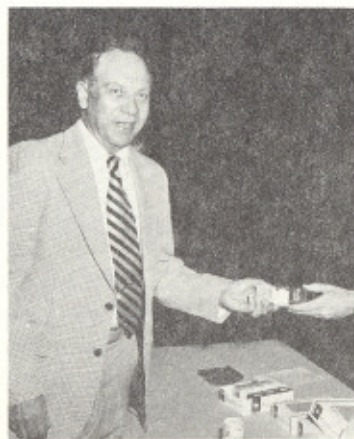
The Corps "castle" stands out in red on the white background of the rug Jim Gagnon, ED-D, designed, hooked and presented to Colonel Gay for the St. Paul District. Jim put about 100 hours of work over a 6 month period into hooking the rug with pre-cut wool. He traced the castle design onto graph paper, then drew it to scale on the canvas backing. Jim estimates that he used about 21, 500 pieces of yarn in the rug.

The following verse was submitted to Crosscurrents by "one who knows:"

*It's sad for a girl to reach the age
Where men consider her charmless
But it's worse for a man to attain the age
Where the girls consider him harmless.*



KURSU



MG HARRIS



NORTHRUP



HAUMERSEN

ABDOO

TRAINING PROGRAM EVALUATION

by Mary Jones

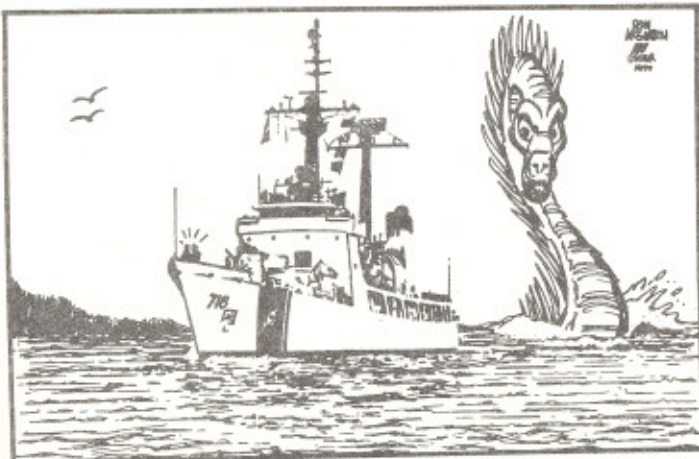
An evaluation of the training program offered by EP-Training and Development during FY 78 indicates an overall increase in the number of employees who participated in training classes from FY 77.

The greatest participation was in specialty and technical classes. These include courses in ADP, procurement, and classes from OCE. Some 412 employees took classes in FY 78 compared to 208 in FY 77 - an increase of 204 participants.

Adult basic education courses such as Multimedia First Aid, CPR, Math, and Grammar Update showed another substantial increase in attendance: from 145 in FY 77 to 283 in FY 78 - an increase of 138.

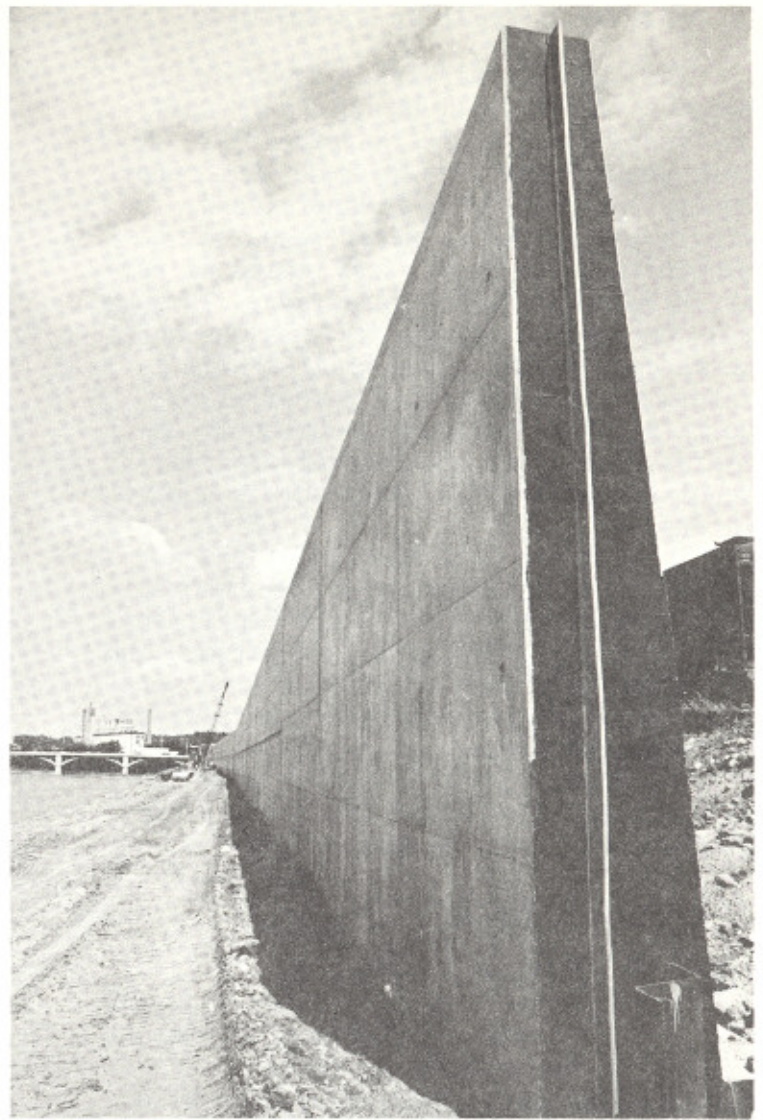
Fewer people attended trade and craft courses this year. Last year, 46 people took a trade or craft course, compared to 32 this year. These classes, taken at area vocational/technical institutions (AVTI), include instruction in welding and small engines, and are usually attended by employees in the field.

To assess the program, EP-D randomly distributed 150 questionnaires to district employees who had taken classes. The returned surveys indicated a general satisfaction with the program. The questions in the survey asked how the classes summed up in terms of needs and expectations of courses; any positive behavior changes regarding personal work habits; the quality of instructors; and the worth of AVTI courses, OCE courses and in-house courses. Replies to all questions were rated on a scale from 'excellent' to 'poor,' with results showing that employees considered all areas questioned to be between 'good' and 'very good.'



"DID I EVER TELL YOU THE AMUSING LEGEND ABOUT THIS PART OF THE BAY?"

from Detroit District Soundings



John Cross photo, Mankato Free Press

Progress on the river

Work on the concrete flood control walls along the Minnesota River is progressing steadily with about 40 percent of the project completed. The expanse of concrete on the east side of the Minnesota River stretches to the Main Street bridge.

Edwards and Kelcey, Inc., a Minneapolis consulting firm, has established a project information office in the Mankato area to explain bridge options to local citizens and consolidate public opinion. The firm has been contracted by St. Paul District for a design memorandum for relocation and alteration of bridges over the Minnesota River, to accommodate high flows and increase the effectiveness of the \$55-million Mankato-North Mankato-LeHillier Flood Control Project.

Water Resources Seminar

The 11th annual Minnesota Water Resources seminar will be held on Monday and Tuesday, 20 and 21 November 1978. This seminar provides an excellent opportunity for engineers, planners, and others interested in water resources to examine current issues and topics affecting Minnesota's water resources. Through the combination of general sessions and workshops, participants will be able to interact and work with a number of experts and resource people currently administering State and Federal programs regulating the use of Minnesota's public waters.

The seminar will be held at the Registry Hotel in Bloomington, Minnesota, and is being presented by the Department of Conferences, Continuing Education, and Extension of the University of Minnesota in cooperation with the American Society of Civil Engineers.

The agenda for this year's program as outlined below is of interest to the St. Paul District personnel.

MONDAY, 20 NOVEMBER 1978

- 1:00 p.m. SEMINAR BEGINS
- 1:15 p.m. Minnesota State Water Plan and Policies - Chairman, Minnesota Water Planning Board
- 2:00 p.m. Panel - Management of Public Waters in Minnesota - Hydrologists, Minnesota Department of Natural Resources
 - "Criteria Used to Identify Public Waters"
 - "Identification of Natural Ordinary High Water Levels of Lakes and Streams in Minnesota"
 - "Rules Relating to Work in Public Waters"
 - "Case History - Marine Development"
 - "Case History - Drainage Violation"
- 3:40 p.m. Preservation of Wetlands per Executive Order 11990 - Federal Highway Administration
- 4:10 p.m. Impact of Water Resources Regulations on the Private Sector - General Mills, Inc.
- 5:00 p.m. Social Hour
- 6:00 p.m. Dinner
- 7:00 p.m. Improved Dam Safety: Post-Teton

-U.S. Bureau of Reclamation
-Includes movie on the failure of Teton Dam

- 8:15 p.m. Dam Safety Program in Minnesota
 - Mr. Peter Fischer, St. Paul District, Corps of Engineers
 - Mr. Memos Katsoulis-Minnesota Department of Natural Resources
- 9:15 p.m. Adjourn

TUESDAY, 21 NOVEMBER 1978

- 8:30 a.m. Remote Sensing in Water Resources Studies - EROS Data Center
- 10:00 a.m. Concurrent Workshops

WORKSHOP A:

Permits in Minnesota

- Mr. William Parsons, St. Paul District, Corps of Engineers
- Minnesota Department of Natural Resources
- Minnesota Pollution Control Agency

WORKSHOP B:

Hydrologic Modeling with HEC-1, Flood Hydrograph Package

- Mr. Arthur Pabst, The Hydrologic Engineering Center, U.S. Army Corps of Engineers, Davis, California

WORKSHOP C:

Hydrologic Modeling: Application of the SSARR Model to a Minnesota Watershed - Professor Edward Bowers, University of Minnesota

Modeling of Groundwater Systems - U.S. Geological Survey

- 12:00 noon Lunch
- 1:00 p.m. Repeat of Concurrent Workshops
- 3:20 p.m. Perspectives on Unusual Rainfall Events in Minnesota
 - State Climatologist, Minnesota Department of Natural Resources
- 4:30 p.m. Adjournment

Bill Spychalla, ED-PB, is coordinating the Corps input to the seminar. If you would like further information contact him at Ext. 5980.

Leonard's

Blooming

Hobby



by Mary Jones

Leonard Gloeb

The plants on the windowsill in Leonard Gloeb's office in ADP are only a small indication of the extent of his hobby. At his Roseville home, he grows not only plants, but also vegetables and flowers in seemingly non-stop supply.

Besides the basics such as carrots, corn and cabbage, his vegetable garden includes cauliflower, broccoli, eggplant, and six varieties of tomatoes.

Flowers are in bloom everywhere. Leonard does not concentrate on one variety, but instead grows as many different kinds as possible.

Most of the plants have their beginnings in a small 8' x 15½' greenhouse; he cuts and roots slips from the parent plant, and in the spring, pots seedlings to be transplanted later to the flower or vegetable gardens. Leonard built the greenhouse from scratch two years ago, mainly to keep the plants indoors in the fall, but has plans to insulate the greenhouse soon.

His plant collection is concentrated on a 3-tier lighted plant stand in the house: thanks to the Pembina flood of 1967, he bought the stand from overtime pay. He has, among others, jade plants, an orange tree, wandering jews, bridal veils, begonias, and cacti. When he has more time, Leonard plans on 'specializing' in the cacti. "There's noth-

ing prettier than when their flowers bloom," he said. "Cactus flowers duplicate every other kind of flower."

Although Leonard has always had an interest in growing things, it was the arrival of two African violets as a gift that sparked his interest in gardening. His hobby has been blooming ever since. He sells some vegetable seeds to neighbors and people in the office, and contributes plants to his church's fall festival.

One would imagine that such a hobby would take a lot of time, but Leonard said that the time spent in weeding and watering are minimal, and he gets help from his wife, Dorothy, and children Bernadette, James, Amy, and Aline. What will take time is the slightly overgrown rock garden in his yard that he plans to rebuild this fall.

Leonard has been Chief of ADP since 1966, when the computer center was first installed in this District. He has worked for the Corps for 27 years, beginning with the Omaha District. He was transferred to Duluth in 1956, then to the D.O. in 1960. He worked on the St. Paul flood control project and in Planning Branch before being chosen from a list of candidates to organize the new computer office.

Why "Ms."?

(An answer from the Library of Congress
Women's Program Committee)

EEO HIGHLIGHTS



The title "Ms." is an easy term to define or use; basically it is a title to be employed when the marital status of a woman is unknown. To many people who favor "Ms." it signifies a female human being and nothing more. Some women who have adopted this title insist on being recognized as individuals, instead of being identified in terms of their relationship to a man. The use of "Ms." (or its plural, "Mses.") removes marital status from the list of criteria used unfairly in evaluating a woman's qualifications for a job. Many people find the use of "Ms." a convenient way of proclaiming their views on equality.

But more than these simple definitions, "Ms." has become a symbol and it is that aspect of the term that has made it controversial. Symbols, like all forms of speech, are essentially the expression of thought. They point beyond themselves and mean the thing or concept they bring to mind. What concepts are, and how they are related to symbols or words, are topics that have been discussed throughout history. So it will be with "Ms."

The controversy over "Ms." can be traced directly to sexual bias which is deeply rooted in our language, and involves not only the way we speak but also the way we are spoken of. In being addressed or described, women are constantly defined in terms of their sexuality or their relationship to a man; in contrast, men are defined by what they do. "Miss" or "Mrs." are symbols communicating marital status, which is a necessary factor to enable us to apply our socially conditioned prejudices in defining a woman's role. "Ms." forces us to view a woman on her own terms, and some of us are not prepared to speak and think of women with the same freedom of expression usually reserved for men.

This linguistic double standard may be as deeply imbedded in women as it is in men. Masculine words bring to the minds of both men and women images of strength, maturity, competence, and responsibility; their feminine equivalents evoke images of yielding, naivete, and subservience. In speaking of a professional woman, men and women both use condescending definitions such as "lady doctor", as though the woman's somewhat inferior or unusual status must be expressed, or as though the world be put on notice of her startling invasion of the man's domain. The list of words and phrases that directly express this bias is almost endless.

The movement to identify women without reference to marital status has not been limited to titles. The retention by a woman of her own name after marriage is gaining wide-spread acceptance, especially in the case of a woman established in a profession. When this practice has been challenged, the courts have increasingly recognized it as a legal right, and a recent decision of the Comptroller General of the United States also followed this trend. In holding that a "married woman has the right to be designated on agency payroll records by her maiden name if she desires to do so," the Comptroller General also declared "Similarly, a woman employee may elect to use the prefix 'Ms.' on the rolls instead of the traditional forms of Miss or Mrs."

The style manuals are beginning to acknowledge "Ms." as the simplest and most appropriate form of address for a woman, forms are being revised to include "Ms." as a title choice, and the courts are also recognizing that there is no more reasonable or rational basis for requiring a woman to disclose her marital status than there is for a man. Nevertheless, the Women's Program takes the position that every woman should have the freedom to choose the title she prefers, and once she has made that choice, her title should not arbitrarily be changed to conform to another person's prejudices. A single woman may prefer "Miss" simply because she believes she should be accepted for what she is; for the same reason, a married woman may prefer "Mrs." But when the title "Ms." has been selected, that choice should be respected just as one's privacy should be respected

WOMEN, GRAB YOUR HARD HATS

The fight for women's rights is showing a dramatic change, in increase in numbers employed in Federal Government. The new Labor Department rules state that by the mid-1979's women must fill 3.1 per cent of the national total of construction jobs on projects with federal contracts over \$10,000. This number is to increase to 5 per cent in 1980 and 6.9 per cent in 1981. Women will be paid equally for work of equal quality.

**DON'T
FORGET
TO VOTE**



Colonel Gay, as parade marshal of the Spring Valley Dam Days, on 17 September, rides with Mayor Lyle Olstad. Following the parade, COL Gay officiated at the opening of the Eau Galle recreation area.

Fishing Lines



FISHING CONTEST NEWS
by Wilbur Walleye

The 1978 District Fishing Contest is heading into the home stretch. We have had, to date, 53 entries from 18 different fishermen. This is somewhat misleading in that five fishermen have 35 of those entries. It's not too late to win the contest so let's get those fish entered.

Dave Haumersen (ED-PB) currently leads the contest with 51 pts. He is trailed by Norm Hildrum (ED-ER) with 33½ pts.

Although the beginning of the 1979 contest is still three months off, we are starting to think of ways to make the contest more interesting and get more people involved so that we can increase the fun for everyone. We have already had some suggestions that are listed below. If you have any comment on these or any new ideas, give Norm Hildrum (7574) or Gary Palesh (5935) a call or come on down and see them.

Some suggested changes are:

1. Adding some species, such as sheepshead or carp, that everyone catches whether they want to or not.

2. Eliminating some species, such as steelhead or muskellunge, that are not fished for by many people.

3. Weighting the point system to give more points to those species that are more difficult to catch or to those species where there is a lot of competition among anglers.

4. Opening the contest to field personnel.

Don't be afraid to make suggestions. This is your contest.

Another area that needs improvement is participation. To date 61 percent of the entrants and 87 percent of the entries have come from ED-ER or ED-PB. We know there are fishermen in the other branches. In fact entries from the other branches have typically been larger fish than those from ED-ER or ED-PB. Any ideas on how to increase participation from the other branches would be sincerely appreciated.

Carter sets 5.5 percent raise

General schedule Federal employees received a 5.5 percent pay raise effective 8 October; this will be reflected in the paycheck of 30 October.

Employees in "special pay" categories (GS-5 and GS-7 engineers, etc.) are not affected by the table below. They will be notified of their new pay scales on an individual basis.

	1	2	3	4	5	6	7	8	9	10
GS-1	\$ 6,561	\$ 6,780	\$ 6,999	\$ 7,218	\$ 7,437	\$ 7,656	\$ 7,875	\$ 8,094	\$ 8,313	\$ 8,532
2	7,422	7,669	7,916	8,163	8,410	8,657	8,904	9,151	9,398	9,645
3	8,366	8,645	8,924	9,203	9,482	9,761	10,040	10,319	10,598	10,877
4	9,391	9,704	10,017	10,330	10,643	10,956	11,269	11,582	11,895	12,208
5	10,507	10,857	11,207	11,557	11,907	12,257	12,607	12,957	13,307	13,657
6	11,712	12,102	12,492	12,882	13,272	13,662	14,052	14,442	14,832	15,222
7	13,014	13,448	13,882	14,316	14,750	15,184	15,618	16,052	16,486	16,920
8	14,414	14,894	15,374	15,854	16,334	16,814	17,294	17,774	18,254	18,734
9	15,920	16,451	16,982	17,513	18,044	18,575	19,106	19,637	20,168	20,699
10	17,532	18,116	18,700	19,284	19,868	20,452	21,036	21,620	22,204	22,788
11	19,263	19,905	20,547	21,189	21,831	22,473	23,115	23,757	24,399	25,041
12	23,087	23,857	24,627	25,397	26,167	26,937	27,707	28,477	29,247	30,017
13	27,453	28,368	29,283	30,198	31,113	32,028	32,943	33,858	34,773	35,688
14	32,442	33,523	34,604	35,685	36,766	37,847	38,928	40,009	41,090	42,171
15	38,160	39,432	40,704	41,976	43,248	44,520	45,792	47,064	48,336*	49,608*

*Actual rate held by law to \$47,500.



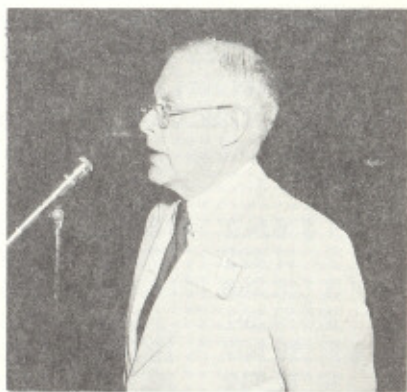
A few views of the 3rd annual reunion of retired Corps employees, held 6 September, in the Holiday Inn-Roseville... attended by 141... the 4th annual reunion is already in the planning stages.



Richard "Si" Leonard served as Master of Ceremonies.



District Engineer Colonel Gay addressed the retirees on present missions of the Corps.



Bob Calton, Chief of Planning Branch, viewed "the comparative beauty of the female retirees and the rapid aging of the male retirees..."

REUNION of PAST and PRESENT