

THINK
SAFETY
PAYS YOU

The ATOMIZER

BE
SECURITY
CONSCIOUS

VOLUME III

PORTSMOUTH AREA AEC PROJECT

MARCH 11, 1955

NUMBER 5

PROGRESS OF SAFETY PRESENTED THROUGH UNIQUE SIGNS



KEEP
GREEN
CROSS
SHOWING

GREEN CROSS adds another SAFE DAY
RED CROSS takes them all away

Your FUTURE
DEPENDS ON YOUR
SAFETY TODAY



BEST PREVIOUS RECORD
WITHOUT A LOST TIME INJURY
175 DAYS

MONTH

3
1
0
3
0

PETER KIEWIT SONS CO.
REYNOLDS - NEWBERY
GEO. KOCH SONS Inc.
GRINNELL CORP.
LUMP SUM CONTR'S.

YEAR

5
1
0
5
0

This PROJECT HAS WORKED
WITHOUT A LOST TIME INJURY
4 DAYS

KEEP THIS A SAFE PLACE TO WORK

MEET THE MANAGEMENT:

Ray J. Robbers, PKS Boss In X-326, Has Exciting Construction History

Meet Ray J. Robbers, Area Superintendent for Peter Kiewit Sons' Co. in the X-326 Building. Ray, who has a background of twenty years in the construction industry, is in charge of all work performed by PKS forces in X-326 and also coordinates the work of the other contractors performing work in the building. Robbers first arrived at the Portsmouth AEC installation in September of 1952, having been transferred here by PKS after a 12 month stay in Alaska. Since his arrival at Portsmouth, he has served as acting director of the Construction Engineering Department, Office Engineering Division Engineer, Area Engineer for the X-326 and X-700 group, and prior to his present assignment, was Area Superintendent in charge of the X-330 Building.



RAY J. ROBBERS

Winston Bros.—Raymond Concrete Pile when these companies were building chemical plants for the extraction of salt from sea water. He also served on building and highway jobs for them while in South America.

The veteran construction superintendent is married and the father of two children. Shelia, 17, is a junior at Notre Dame High School in Portsmouth. Michael, 12, is a sixth grade student at Holy Redeemer.

In 1951 Ray was employed by the Bechtel Corp. as a superintendent on a food machinery plant in California. This was a major construction project under the supervision of the Corps of Engineers, and was unusual in that it was one of the first jobs to use pre-cast concrete panels measuring as large as 18 x 20 feet.

Ray spent four years in Colombia, South America with

COLORFUL BOARD TRACES MISHAPS

Signs similar to the one shown here have been placed at the main entrances to the Plant Site. These signs will be posted currently to keep employees informed regarding lost time accidents. It is hoped that they will serve as a constant reminder to all of you to work safely so that you may "STAY ALIVE IN 1955".

The green cross on the signs will be visible every day that we work without a lost time accident. Whenever a lost time accident occurs, a red cross will be shown for 24 hours following the accident. If every employee on the job will do his part, we should never have to use the red cross on these signs.

Under the column headed "Month" will be posted the number of lost time accidents experienced during the current month. Under "Year" will be shown the total number of lost time accidents since January 1. As has been indicated, 175 days consecutively is the best previous record without accident. The lower right figure of 4 indicates four days currently have been worked accident free.

Let's keep the Green Cross on the boards every day and top our record of 175 days without accident.

HUGE CHEMICAL CLEANING PROCESS CALLS FOR UNUSUAL CONTRACTOR

The necessity of having all PG pipe to be used at the gaseous diffusion plant perfectly clean is indirectly responsible for the employment of an unusual contractor. Realizing the possibility of waste and inefficiency in a chemical cleaning process, the Peter Kiewit Sons' Co. contracted the services of a specialist in the field of chemical research to insure a cleaning operation that approached 100% efficiency.

The research specialist and consultant called on to do the job was Emerson Venable of Pittsburgh, Pa. The contract specifies the rendering of professional services and advice in water analysis, water conditioning, and other problems relative to the X-700 cleaning operation.

The Venable firm is composed of five other persons, and, undoubtedly, is the smallest contractor on the job.

Essentially, Venable's work here at the local project is small, as usually one visit is made weekly. Samples of all compounds used are taken back to the Pittsburgh laboratory for analysis.

The cleaning process consists of four baths in 22,000 gallon tubs. In the beginning, the water used in the process must be free of minerals which might



Emerson Venable, probably the smallest contractor on the local project, is pictured above with some samples of work not connected with the cleaning process. He invented the switch which will not only run the fire engine forwards and backwards, but will also raise and lower the extension ladder. The canister shown on the back of the head in the picture is an air purifying device invented during World War II.

solidify as salts on the PG pipe. This requires constant check on the chemical content of the water being used. Once the chemist has determined the suitability of the water it can then be used for making chemical baths. Dirty and greasy pipe is first placed in an alkaline solution which contains synthetic detergents, composed of caustic sodas.

Next, the pipe is placed in a
(Continued on page 4)

BOWLING

BOWLING LEAGUES

PORTSMOUTH MIXED		
TEAM	WON	LOST PTS.
Shanty Boat Irish	16	11 24
Rovers	17	10 23
Lucky Strikes	17	10 21
4 Strikes & A Spare	16	11 20
Hoboes	14	13 20
Alley Oops	14	13 18
Wood Choppers	12	15 18
Atoms	13	14 17
Strike Outs	13	14 16
Gutter Rats	11	16 14
Hams	11	16 14
Key Burners	8	19 11

WAVERLY WOMEN'S NO. 1		
Pleasant Acres	41½	21½ 57½
Little Beaver	38½	24½ 54½
Wakefield	36	27 45
Ranchers	31½	31½ 43½
Pike-ton Park	33	30 43
Stewburners	29	34 41
Flannery's Grocery	29	34 40
Hunters	30½	32½ 38½
Beril's	29	34 38
N & M	29½	33½ 37
Atomic Store	28	35 36½
Way's Foods	22½	40½ 29½

WAVERLY WOMEN'S NO. 2		
Mobile Homes	39	19 53
Noel's Market	35	22 47
Hoot Owls	35	22 46
St. Clair Trailers	29	28 40
C. B. S.	25	32 34
Givens	25	32 31
Five Pins	22	35 28
Jasper	19	38 25

HONOR ROLL

MEN

High Single Game

G. TAYLOR

Waverly Mixed League—261

High Three Game Series

C. RUTHERFORD

Waverly Men's League—628

WOMEN

High Single Game

(Including Handicaps)

L. EMERY

Waverly Mixed League—234

High Three Game Series

LETHA RODA

Chillicothe Mixed League—596

High Single Game

(150 Scratch)

N. TAYLOR

Waverly Women's League—205

High Three Game Series

BETTY TAYLOR

Waverly Women's League—525

WAVERLY MEN'S

Cooper's Store	44	22 60
Dodgers	43½	22½ 58
Reynolds-Newbery	40	26 55½
Strike Outs	35	31 45
Sheet Metal	32	34 45
Schmidts	32	34 43
Giants	25	41 32
Moore's	12½	43½ 13½

WAVERLY MIXED

Brown-Bashers	32½	18½ 45½
Parker-Murphy	29	22 39
Pinta-Emery	29	22 38
Rhodes-Weiss	26½	24½ 35½
Taylor-Porterfield	23	28 34
Wolgamore-Shoemaker	24	27 30
Wagner-Hathaway	19	32 25
Wheves-Moxley	21	30 25

ATOMIC MIXED

Roda-Officer	36	31 49
Thomas-Fockler	34½	22½ 46½
Hutchings-Barber	27½	29½ 37½
Hornberg-Wilson	25½	31½ 36½
Sollott-Poling	25½	31½ 31½
Doner-Sewards	22	35 27

CIMOTA WOMEN'S

Sleeper Weepers	34½	25½ 47½
Gutter Queens	29½	30½ 40½
L. O. L.	30½	29½ 40½
Alley Cats	25½	34½ 31½

CHILICOTHE KIEWIT

A. M. Kinney	31	17 44
Sad Sacks	29	19 40
Tubers	24	24 33
Rambling-Wrecks	24	24 32
PKS	25	23 31
Hill Billies	21	27 29
Kiglers	21	27 26
Riff-Raffs	17	31 21

JACKSON MEN'S

Camps-Grinnell	6½	2½ 8½
Reynolds-Newbery	6	3 8
Pleasant Acres	5	4 7
G & V	4½	4½ 6½
PKS-Estimating	3	6 4
Architects-Kinney	2	7 2

Basketball Standings

KIEWIT BASKETBALL LEAGUE (Portsmouth)		
Grinnell Engineering	9	0 1,000
Clerks	8	1 .889
Grinnell Fiscal	7	2 .778
Heavy Construction	6	3 .667
Geo. Koch Sons	4	4 .500
Building Services	4	5 .444
Grinnell Field Office	3	5 .375
Process Engineers	3	5 .375
Pipe Fab	3	6 .333
R-N	2	6 .333

Two Colorful Bowling Events Set For All Employees

HEAD PINS AT AREA LANES TO FALL OFTEN FROM MARCH 11 TO 31

Arrangements have been completed for the staging of a Project Championship Head Pin Tournament at alleys in Portsmouth, Waverly, Chillicothe, and Jackson. The tournament is open to all project employees and their dependents.

For those who are not familiar with the head pin game, a game consists of 12 frames with one ball for each frame. The score for a frame is zero if the ball fails to make contact and upset the head pin. If the ball upsets the head pin the bowler is given credit for all pins knocked over. The maximum score to be added to any frame is 10 and the ultimate score for 12 frames is 120.

The tourney is unusual as bowlers may roll at their convenience any time between March 11 and March 31, 1955, at any one of the following alleys in the cities mentioned above: Classic Lanes, Weiss Recreation, Hobby Haven, 20th Century, and Jackson Recreation. Another unusual feature is that a bowler may roll as many three game series as he wishes in order to have his best score compete. The charge for each series rolled is \$1.00 plus line charges. Cash prizes will be awarded for high single and three game series plus the low single game with a score in each frame.

All in all, it adds up to a lot of fun for project bowlers. Further information may be obtained by calling the Recreation Division on Ext. 3442.

SECOND ANNUAL PKS SWEEPSTAKES TO BE HELD IN CHILICOTHE

Recreation Division Chief Luther F. Poling has announced the date of March 20, 1955, for the project's Second Annual Kiewit Sweepstakes Bowling Tourney, which will be held at the Hobby Haven Alleys in Chillicothe. The event is open to all project employees who are bowling in sanctioned leagues.

The tourney places a handicap on five man teams based on 70% of a scratch score of 1,000. Poling stressed strict compliance with the requirements of ABC membership adherence to time schedules, and all other rules which are being distributed to team members.

J. R. Wilson and Larry Horning, who did a bang-up job in running the event last year, have again been elected treasurer and secretary by project league representatives. They state that the entire affair will be in accordance with the rules of the American Bowling Congress, pending their formal sanctioning of the tourney.

The victor's honor last year went to the Lucky Strike keglers of Portsmouth who won with a total of 3,015 pins. Undoubtedly, they will be back to attempt to retain their championship this year.

Further information concerning entry fees and prizes may be obtained by calling the Recreation Division on Extension 3442.

Miller And Hafer Lead Rifle Tourney At Close Of First Round Firing

Results of first round firing in the Project Championship Small-Bore Tourney held March 3 at the Ohio National Guard Armory in Portsmouth have been announced.

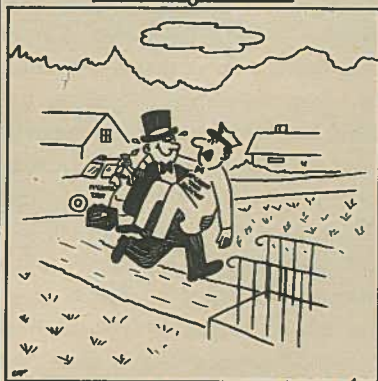
First round leaders in respective positions: Aggregate: C. R. Hafer, PKS guard with score of 458.12. Prone: C. R. Hafer, 124.68. Kneeling: C. R. Hafer, 227.24. Standing: N. H. Miller, PKS with score of 106.76.

Building Construction Laborer Is Project's 19th Off-Site Fatality

Walter Kovaleski, 54, a laborer in the Building and Construction Division for PKS became the project's 19th traffic fatality during the weekend of February 25.

Kovaleski died in Chillicothe Hospital as a result of injuries received in a two-vehicle accident on Route 35 east of Chillicothe.

He had been employed at the A-Plant since May of 1954. He is survived by a wife and one child who live in Ch...



"YOU'D BETTER CALM DOWN, LOVER BOY - YOU'RE ALL EXCITED!"

Exercises & Volley Ball Keep Trailer Women In Top Physical Condition

After many months of searching for a suitable site, women in trailer villages in the A-Plant area are finally enjoying volleyball and group exercise games.

Pat Nelson of the Recreation Division, who is in charge of the group, states that meetings are held every Monday at the Scio-Elementary School. The new school is located near the Wakefield Trailer Village.

The sessions get under way at 8:00 P. M. and include group calisthenics, games, and competitive volleyball. In addition to having a lot of fun the girls also keep the waistline in shape.

All area women are invited to attend and need only to bring shorts or slacks and gym shoes.

DON HUSTON, during his eleven years (1935-45) as an end for the Green Bay Packers of the NFL, caught 489...

Bob Bush Nets 45 Markers For Heavy Construction To Establish New Mark! Grinnell Engineers Still Maintain Lead

Wednesday, March 16, 7:00 P. M.!!! This is an important date for the members of the Grinnell Engineering and Clerk basketball clubs. The Grinnell five still is at the top of the heap with nine wins without a defeat and have only two games left to cop the championship. In order to reach their goal they must get by R-N and the Clerks. This will not be an easy task.

R-N pulled the upset of the season last week when they clobbered Heavy Construction 70-62 in an overtime. The finish of the regulation contest had the score knotted at 60, but R-N was not to be denied in the overtime, as they racked up 10 quick points while HC could garner only 4. Wiley and Hamilton led the R-N five with 25 and 22 markers. Bush and Corriell topped HC with 24 and 28. Advice to Grinnell Engineering—be aware of R-N!!

The Clerks maintained their hold on the second spot with a 61-35 win over R-N and a forfeit victory over the Engineers. Grinnell Engineers kept out in front by posting twin victories over Building Services, 69-40, and Process Engineers, 54-32. Heavy Construction dropped from a tie with Grinnell Fiscal in their upset loss to R-N, but had earlier smashed Timekeeping 86-49.

Bob Bush, former All-State guard from Middletown, Ohio, really had himself a night against Timekeeping. Bush played like "Bevo" and pushed in 21 field goals and three free throws for a phenomenal total of 45 points. But the story doesn't end here. Immediately following this game he walked across the street to play in another game in the Portsmouth YMCA league and came up with 35 more. Bush was a guard on Paul Walker's Middie team which beat East Liverpool for the Ohio High School Championship. During high school he averaged close to 18 points per game for two years.

RECREATION DIVISION SETS RULES FOR AREA KITE CONTEST ON MARCH 26 AND APRIL 2

Final arrangements have been completed for the Atomic Area Kite Contest sponsored by the Recreation Division.

The events will consist of largest, smallest and most novel kites, highest flying and fastest messengers. Kites to be judged may be either "homemade" or "store bought".

Cash prizes will be awarded to all winners, and events are open to all children and adults. Pre-school kiddies will compete against their own age group as will those in grades 4-6. Junior high and high school students will compete in the same class.

Further information may be obtained by calling extension 3442 and asking for Charlie Games. The contest will be held...



Bob Bush (Scores 45 points in project basketball league—see story.)

BOX SCORE			
R-N vs Heavy Construction			
HEAVY CONSTRUCTION			
	FG	FT	T
Melvin	2	2	6
Bush	11	2	24
O'Dell	0	2	2
Corriell	11	6	28
Smith	1	0	2
	25	12	62
REYNOLDS NEWBERY			
	FG	FT	T
Young	2	1	5
Cameron	1	0	2
Howard	7	2	16
Wiley	12	1	25
Hamilton	10	2	22
	32	6	70
RUNNING SCORE			
R-N	14	16	15 15 10 70
HC	10	20	14 16 2 62

GOLFING SCHOOL WILL CATER TO BEGINNERS & HIGH HANDICAPPERS

A golf school for all project employees and their dependents will be conducted at the Wilson Grade School Gym in Portsmouth, March 16, at 7:00 P. M. Sessions will be held weekly for the first few weeks after which plans will call for twice a week.

Jack Feck of the Recreation Division states that the school will be free of charge to golfers of all classifications, but will have subject matter directed primarily towards the beginners. The course should be a good review for the 90-100 shooters. It will not be necessary to bring clubs on the opening sight.

The Wilson school is located on the corner of 6th Street and Campbell Avenue in Portsmouth.

Dance In Portsmouth March 19 To Feature Ronald Ball Orchestra

Project employees are invited to another in the series of dances sponsored by the Recreation Division which is scheduled at the Elks city club in Portsmouth for March 19.

Hours for the dance are from 9:00 P. M. until 1:00 A. M. and Ronald Ball and his orchestra will provide music in his "Glenn Miller" style.

Admission will be by present...



It is obviously either shortly before 8:15 A. M. or lunch time in Wing D at the Administration building. The nine employees of the Grinnell Corporation shown above meet at these times daily to take part in a very interesting hobby. Pictured at a knitting session in the act of "dropping one, purling two" are, left to right, Helen Williams, Yvonne Speraw, Mabel Poetker, Sally Knapp, Bea Griffis, Lilla Fluty, Mary Lee Yerian, Carol Rhymer and Evelyn Johnson. Not pictured is another active member of the group, Melva Finch.

Idle Time Before Work And Lunch Hour Used For Knitting Sessions By Ladies

Early last summer two employees of the Records and Reports Section of the Grinnell Engineering Procurement Division were faced with a perplexing problem. Bea Griffis and Lee Neumayer were riding to the jobsite with their husbands, who were reporting to work on a shift earlier than their 8:00 A. M. starting time. Faced with the problem of time on their hands, the girls decided to kill and make real use of the would-be lost moments by knitting clothing for their families and friends.

The two continued their knitting for several months and gradually the interests of other employees in the division were aroused. In November the group had grown to nearly a dozen members with socks, baby clothes, and odds and ends coming off the production line.

They have been making a variety of socks for their husbands

and friends. Currently the girls are devoting the majority of their time to the creation of novelty patterns for wool socks. Skunks, playing cards, dog houses, surf board riders, cigarettes, beer mugs, pipes, geometric designs, and the conventional argyles can be found on display in their knitting portfolio. Most of the girls have already completed two or three pairs.

Bea Griffis, who has been more or less an instructor for the girls, has made more than 30 pairs and gave 10 pairs to friends at Christmas. The group gathers in the reports section, which is directed by Charles DeLaney, Jr.



Bea Griffis, (left) proudly displays a pair of socks into which a clever "skunk" has been knitted. Lilla Fluty holds a sample of her many long hours of knitting which has a "beer mug" with argora "foam" knitted into the socks.

GUARD TRAFFIC STANDS PROVING HIGHLY SUCCESSFUL Structure To Expedite Traffic Flow Is Designed By Assistant Chief Of Plant Protection Vananda

Serving as evidence of the progressive and safety conscious efforts of the Plant Protection Division is the recent addition of a traffic safety stand conceived by Ass't Chief H. E. "Moose" Vananda.

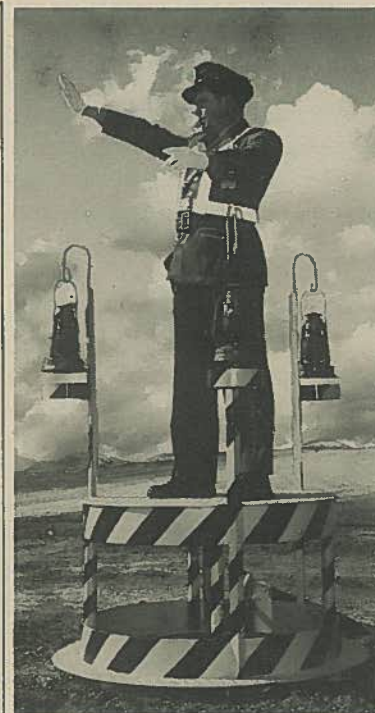
In the past, guards directing traffic have been subjected to many dangerous incidents involving hurried vehicles practically running them down. When asked to explain their action, the vehicle operators have been replying, "I couldn't see the guard standing there." Plant Protection decided something would be worked out to get the traffic directing officer into the air where he could plainly be seen by all.

The task was assumed by Vananda, who gave a rough sketch of the stand to George Pressler of the Safety Department. Pressler is quite an artist (much of his work appears in THE ATOMIZER), and he produced a working plan which resulted in the construction of the stand. Once it was put into use there appeared to be a need for more illumination. Vananda's answer to the problem was the design of the lantern hangers. Now the stand offers height for the officer, as well as the advantages of being recognized after dark when surrounded by the red lanterns.

The traffic problem on the local project has been one of major significance since its beginning. Currently, more than 5,300 vehicles pour out of the jobsite access roads within 45-50 minutes. At one time this figure was almost doubled.

The responsibility of directing this traffic is terrific. Actually, few employees realize the time and work that is generated in the constant attempt to expedite the traffic flow. Each guard directing traffic is trying to accomplish what is foremost in the employee's mind at that time—get home as fast as I can!!! The only difference being that the traffic officer wants you to arrive there safely, whereas the safety element is often forgotten by the employee.

ACCORDING TO LEGEND, the yard was established by Henry I on the distance from the point of his nose to the end of his thumb when his arm was outstretched.



Traffic officer W. W. Crabtree tries one of the new safety stands designed by H. A. Vananda, Assistant Chief of the Plant Protection Division. When the visibility is low the bright red lanterns are lighted making the officer discernable to all vehicle operators. The stand is 30 inches high and weighs nearly 500 pounds. The stand is one of many similar devices contributed to help solve the multitude of problems arising in the construction industry.

Chemical Cleaning

(Continued from page 1)

sulphuric acid detergent, and finally enters an ammonium bath. With detergents removing dirt particles in each bath, and the alkaline-acid-alkaline stages in action, the cleaned pipe is then placed in a de-mineralized water bath to remove any excess alkaline compounds.

Venable's laboratory uses the samples from each bath to determine the cleaning efficiency and optimum use of all chemicals being used by measuring the amounts of residue and dirt

CLASSIFIEDS

The following classified ads are free to any Portsmouth Area project employee but must be confined to items pertaining to transportation and lost and found articles.
Phone 3442 or 2887

WANTED—Riders from Columbus to all areas on 8:00 to 4:30 shift. Contact George G. Py, Ext. 3341 or Columbus Univ. 9092.

WANTED—Two persons to join car pool from Latham on 8:15 to 4:45 shift. Contact Diana Mustard, Ext. 3442.

WANTED—Riders from Jackson to X-326 Bldg. on 8:00 to 4:30 shift. Contact George Isaacs, Ext. 3720.

LOST—Shaeffer pen in X-333 Bldg. Contact Mr. McGlothlin, Col. G-26 or Ext. 3842.

LOST—Man's diamond ring in scrap metal yard. Contact John McKinney, Ext. 2546.

WANTED—Ride from Huntington, W. Va., to X-330 Bldg. on 8:00 to 4:30 shift. Contact T. H. Wilson, Ext. 2861.

WANTED—To join or form car pool from Bristol Homes Section of Waverly, to Whs. 17 or 18, or Grinnell Field Office on 8:00 to 4:30 shift. Contact R. B. Harris, Ext. 3394 or Waverly 623-W.

in the tanks. In this manner it can be ascertained if the chemicals purchased are being used efficiently. Many times the answer to an unsatisfactory cleaning job is not to add more chemicals, but to add less. Venable's job is to determine which is most advisable.

Besides the unusual nature of his work here, Venable is constantly called upon to perform a variety of research functions for other industries. One of the most unusual came from a toy car manufacturer in Pittsburgh, needing a switch on a remote control car which would turn the car, in addition to moving the conventional forwards and backwards. He also invented the cannister on the air purifying mask shown. This mask was used in World War II and insured safety in the presence of toxic war gases.

MONTH OF FEBRUARY ADDS SEVEN MORE ACCIDENTS

BOX SCORE FOR FEBRUARY				
Company	Man-Hours	Accidents	Frequency	Severity
PKS	649,818	3	4.62	106
GRINNELL	760,307	3	3.95	117
R-N	411,529	1	2.43	34
GEORGE KOCH	169,750	0	0.00	0
LUMP SUM	116,363	0	0.00	0
TOTALS	2,107,767	7	3.32	82

THREE MORE MISHAPS BRING FEBRUARY TOTAL TO SEVEN

- Case Five: Fitter, Grinnell, Pipe Fab Shop—Coming in side door, slipped on ice and fell — muscle strain.
- Case Six: Fitter, Grinnell, X-333 Building—Working on scaffold with hand rail removed, injured stepping backwards off scaffold and fell hitting compressor and pipe stand on way down. Fractured ribs.
- Case Seven: PKS Ironworker-rodman, X-333 Building—Moving a float from the hand rails to the valve area on the catwalk when injured, man had the rear end of the float, stepped through an opening in the floor and fell 23' 8". Skull fracture and fracture of the extremities.



Shown above is the family of Deneen Taylor who is employed as a pipefitter for the Grinnell Corporation at the Portsmouth Area AEC installation. This edition's typical construction family is somewhat unusual as the picture includes a mother-daughter-granddaughter combination. Betty, at left, is shown holding her son Don, Jr. who is 6 months old. Mrs. Maxine Taylor, Betty's mother, holds Betty's other child, Dawn DeNece, who is two. Betty's husband, Donald Rhine, is also employed at the local plant as a fitter for the Grinnell firm. The entire family is originally from Benton, Ill. They have worked on projects in Paducah, Ky and Joppa, Ill.