**VOLUME III** 

PORTSMOUTH AREA AEC PROJECT

**MARCH 11, 1955** 

NUMBER 5

# PRUGRESS OF SAFETY PRESENTED THROUGH UNIQUE SIGNS



GREEN CROSS SHOWING

BEST PREVIOUS RECORD WITHOUT A LOST TIME INJURY DAYS 175

GREEN CROSS adds another SAFE RED CROSS takes them all awa

NOLDS - NEWBERY GEO. KOCH SONS Inc. GRINNELL CORP. LUMP SUM CONTR'S.



DAYS

# EEP 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 enty 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 oup, and prior to his present assignment, was Area Superintendent in charge of the X-330

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 Co-



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 stulombia, South America with dent at Holy Redeemer.

### 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.

our record of 175 days without accident.

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

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 to the X-700 cleaning operation. 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 cannister 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)



Examples of the nature of work performed by the engineering groups is revealed in top and lower right photographs. TOP LEFT pictures E. R. Harriss, Gen'l For.; J. E. Bernie, Eng'r; Jack Holmes, Supt.; and C. F. Peacock, Ass't Chief Engineer. The four men are examining the results of a test made on the instrumentation test panel which is used to test instrument tubing. TOP RIGHT: A. S. Carta, Eng'r; E. C. Holland, Ass't Chief Eng'r; C. F. Schnebly, Supt.; and J. F. Blair, Area Gen'l Foreman discuss plans and specifications in solving an erection problem. LOWER RIGHT: An electrically driven hydrostatic test pump used for testing pipe carrying steam and water is the center of attraction as R. T. Durham. Area For.; L. James, Eng'r; L. L. Lorren, Supt.; and D. M. Brock. Eng'r; all kneel around the machine. LOWER LEFT: G. M. Pruitt's immediate administrative functions are delegated to Harold Epstein, Ass't Div. Eng'r; George Neumayer, Adm. Ass't; and William Dermody, Sr. Adm. Ass't (all standing). The clerical and stenographic duties are handled by Lottie Lynch, Thayle Wallace, and Carol Knigge.

# PROCESS ENGINEERS WORK WITH

# **Engineers Assigned To Each Building; Directed** By George M. Pruitt, Jr.

Continuing the series of articles covering the Grinnell Corporation's Mechanical Operations Department, THE ATOM-IZER this week presents the Process Engineering Division under the direction of George M. Pruitt, Jr.

The organization of the division places each process building under a chief engineer and his group. Directing process work in X-330 is J.M. Kerwin, in X-333 W. H. Litton, and X-326 is handled by G. W. Bardsley. Also included in the division are the temporary construction and auxiliary branches under the supervision of W. L. Pion and W. C. Long.

#### **Interpret A-E Plans**

The engineers primarily serve as an interpretative planning guide for the 3,000 men of the Erection Division featured in the last edition. To insure compliance with architect-engineer specifications the Erection and Process Engineering Divisions must at all times maintain high level cooperation.

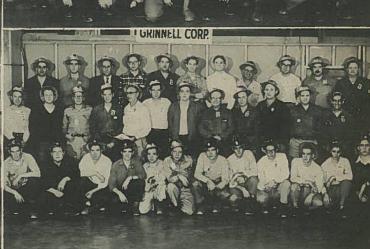
The first responsibility of the division in the working relationship with the Erection Division is the requisitioning and control of all materials which will be erected in the different buildings. As work progresses and field crews need more and more materials the engineers must see that it is procured and placed into an area where erection crews install.

From the specifications and plans provided by the architectengineers, the division technically supervises the work of the field groups by providing on the spot interpretative data. Many times it is necessary for slight









original master plan, and the mechanical engineers are always there to provide their service to prevent any work stop-

#### "Target Turnover Dates"

The entire project, and each building, is being completed according to previously allocated time schedules. These known as "target turn over dates". The work being performed in each building is projected through a set time period and all efforts are directed towards completing portions within alloted time. The division, with its control on material schedules, inspection, and technical supervision, plots progress to expedite work completion on specific dates.

### "Diapers, Milk Cans, Piano Wire"

The temporary construction

The Grinnell Corporation's Process Engineering Division is comprised of the groups of personnel layout above. Pictured at UPPER LEFT are those making up the field engineering forces in the X-330 Building. Front row, left to right: J. Gaul, R. Macauley, C. Peacock, Ass't Chief Engineer; J. Barber, Ass't Chief Engineer; J. Kerwin, Chief Engineer; J. Berni, and R. Landberg. Middle row: D. R. Porter, T. W. Spear, B. F. Wookey, E. L. Barnhill, S. D. Sacks, H. S. Dahlke, N. C. Burke, and W. D. Hays. Back row: D. Goodwin, H. Sisson, D. O. Baker, J. E. Murphy, C. R. French, D. L. Graham, D. E. Mitchell, and R. E. Dodd, Sr. UPPER RIGHT pictures field engineers in the X-326 Building. Front row: M. W. Sollott, G. K. Simpson, E. C. Holland, Ass't Chief Engineer; G. W. Bardsley, Chief Engineer; D. T. Bailey, Ass't Chief Engineer; and F. Bishop, Jr. Middle row: L. D. Austin, E. L. Reinecke, J. Barkich, L. M. Gorman, J. C. Gross, D. W. Smith, H. L. Hayslett, M. M. Green, and E. K. Allen, Back row: E. M. Zilich, A. A. Lewis, K. Sturdevant, R. A. Hibberd, H. H. Patrick, H. F. Batson, W. M. Loxley, A. S. Carta, and D. M. Jennings. Personnel employed in the auxiliary and temporary construction branches are shown in LOWER LEFT. Front row: C. E. Bonar, W. C. Long, W. L. Pion, Betty Elro Jane Harmon, Doris Riedel, E. H. Baker, Evelyn Toppins, J. R. Sarver, and W. C. Newby. Middle row: R. Raben, C. G. Hager, J. L. Devlin, D. E. Conley, Ben Binns, G. E. Dyer, W. Womack, R. L. Burkhardt, R. L. Cox, R. Garrison, and J. Osgood. Back row: G. E. Copley, R. Fitzpatrick, L. D. Staten, R. S. Bailey, A. J. Diez, Jack Glasgow, H. R. Blanton, N. A. Holderness, C. N. Osborne, G. E. Brown, and Charles Miller. This group includes plans and specs distribution, supply room, mall and messenger, auxiliary and temporary construction. LOWER RIGHT, Engineering services in X-333 Building, front row: J. Taylor, R. Lemaster, W. Sansom, I. Sowards, H. E. Lochte, M. Prusack, R. Coston, P. Mitchell, A. Jones, J. Reynolds, G. Hoop, and C. E. Wilson. Middle row: C. N. Bailey, D. R. Shepherd, F. X. Brice, L. C. Hagan, R. S. Cole, J. A. Morgan, W. K. Maher, W. Watkins, L. Fontaine, F. Whiddon, R. Holbrook, N. F. Teresi, and W. H. Litton, Chief Engineer. Back row: J. Romett, J. J. Knecht, H. L. Haymaker, D. Miller, T. Arthur, W. Humphrey, D. Brock, T. Long, L. James, R. T. Wortley, and E. P. Jackson.

The branch also is responsible diapers, milk cans, and piano which need to be 100% free of the procurement of erection ma- to cover concrete poured around tion. terials. These erection materials pipe joints. Piano wire was used

piping of a temporary nature. been placed for such items as are used to transport materials for the initiation of orders for wire. The diapers were needed

tains all buildings containing al. For example, orders have degree of accuracy. Milk cans dirt particles and contamina-

THE ADDING MACHINE was inventrevisions or deviations from the branch designs, tests, and main- have at times been quite unusu- to line equipment with a high ed by William S. Burroughs in 1888.

Published fortnightly by Peter Kiewit Sons' Co., its subcontractors and affiliated companies for all employees and their dependents on the Portsmouth Area U. S. Atomic Energy Commission project. "THE ATOMIZER" is edited and printed as a function of the PKS Recreation Division, Luther F. Poling, chief.

Don Wedge Photographers D. J. Landstrom Glenn Dearing Telephone 2887

#### **GUARD FORCE**

We all have a tendency to take our Guard Force for granted. Theirs is a difficult job; out in all kinds of weather trying to execute Management policies fairly and impartially.

Most of us resent what we think is regimentation. But stop and think-Are not the Guards looking out for our best interests as regards traffic, safety and security? You don't want foreign agents to obtain security information that will affect the security of your country, your family and you, do you?

Our Guards must maintain discipline and neatness, be courteous and show respect to everyone, while at the same time, they must be loyal to their trust. Next time a Guard asks to see your badge or requests that you park at some other location than you would like to park, think about his problem. He is carrying or orders and policies of Management. In turn, if he must make a report of an infraction, he will make it impartially and be prepared to defend his report in spite of personal friendships or personal feelings, because a Guard's basic allegiance is to his country and company.

> George C. Holling, General Manager Peter Kiewit Sons' Co. Portsmouth Area AEC Project

# BOWLING

**BOWLING LEAGUES** 

PORTSMOUT	H MIX	ED	
TEAM	WON	LOS	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
7 Hams	- 11	16	14
OT RIVEROR	0	10	11

WAVERLY WOMEN'S NO. 1 411/2 211/2 571/2 Pleasant Acres Little Beaver 381/2 241/2 541/2 Wakefield 311/2 311/2 431/2 Ranchers 30 34 41 Stewburners Flannery's Grocery 40 Hunters 301/2 321/2 381/2 291/2 331/2 37 N & M **Atomic Store** Way's Foods 221/2 401/2 291/2

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

#### ROLL HONOR

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 I	MEN'S		
Cooper's Store	44	22	60
Dodgers	431/2	221/2	58
Reynolds-Newbery	40	26	551/2
Strike Outs	35	31	45
Sheet Metal	32	34	45
Schmidts	32	34	43
Giants	25	41	32
Moores	121/2	431/2	131/2
WAVERLY N	/IDKED	VIII O	1 -
Brown-Boshers	321/2	181/2	451/2
Parker-Murphy	29	22	39
Pinta-Emery	29	22	38
Rhodes-Weiss	261/2	241/2	351/2
Taylor-Porterfield	23	28	34
's lgamore-Shoemaker	24	27	30
gner-Hathaway	19	32	25
neeves-Moxley	21	30	25
ATOMIC M	DXED		
Rodg-Officer	36	31	49
Thomas-Fockler	341/2	221/2	
Hutchings-Barber	271/2	291/2	
Hormberg-Wilson	251/2		
Sollott-Poling	251/2	311/2	
Doner-Sewards	22	35	27
CIMOTA WO	MEN"	8	
Sleeper Weepers	341/2	251/2	471/2
Gutter Queens	291/2	301/2	

Alley Cats	251/2	341/2	311/2
CHILLICOTHE	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
TECHCON N	-		

.mps-Grinnell 61/2 21/2 81/2 Reynolds-Newbery Pleasant Acres 41/2 41/2 61/2 PKS-Estimating Architects-Kinney

#### Basketball **Standings**

KIEWIT BASKETBALL LEAGUE

Grinnell Engineering Clerks Grinnell Fiscal .778 **Heavy Construction** .667 Geo. Koch Sons .500 Building Services Grinnell Field Office .444 .375 Process Engineers Pipe Fab

# **Two Colorful Bowling Events Set For All Employees**

Arrangements have 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.

# **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

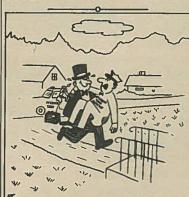
Recreation Division Chief Luther F. Poling has announced the date of March 20, 1955, for the project's Second Annual Kiewit Sweepstakes Bowling Tourney, which will be held at the Hobby Haven Alleys in Chillicothe. The event is open to all project employees who are bowling in sanctioned

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 adherance 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



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 Scioto 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 calisthentics, 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 -- beware 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 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 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



(Scores 45 points in project basketball league-see story.) BOX SCORE

R-N vs Heavy Construction HEAVY CONSTRUCTION Melvin 24 0 12 62 REYNOLDS NEWBERY Cameron Howard 70 14 16 15 15 10 20 14 16 15 15 10 Officials: Rader and Wooten

# **GOLFING SCHOOL**

A golf school for all project employees and their dependents will be conducted at the Wilson Grade School Gym in Ports-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 Ports-

### **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 presen-



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, Yuvonne 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 Neu-

mayer were riding to the jobsite with their husbands, who and friends. Currently the girls were reporting to work on a are devoting the majority of shift earlier than their 8:00 A. their time to the creation of M. starting time. Faced with the novelty patterns for wool socks. problem of time on their hands, Skunks, playing cards, dog housthe girls decided to kill and es, surf board riders, cigarettes, make real use of the would-be beer mugs, pipes, geometric delost moments by knitting cloth- signs, and the conventional aring for their families and friends.

gradually the interests of other ed two or three pairs. employees in the division were aroused. In November the

iety of socks for their husbands | Laney, Jr.

gyles can be found on display in The two continued their knit- their knitting portfolio. Most of ting for several months and the girls have already complet-

Bea Griffis, who has been more or less an instructor for group had grown to nearly a the girls, has made more than dozen members with socks, ba- 30 pairs and gave 10 pairs to by clothes, and odds and ends friends at Christmas. The group coming off the production line. gathers in the reports section, They have been making a var- which is directed by Charles De-



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 angora "foam" knitted into the socks.

# **GUARD TRAFFIC STANDS PROVING HIGHLY SUCCESSFU**

# **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" Van-

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 minalmost 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 timeget 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 as the disend of his

#### The following classified ads are free to any Portsmouth Area project employee but must be con-

transportation and lost and found articles. Phone 3442 or 2887

fined to items pertaining to

WANTED - Riders from Columbus to all areas on 8:00 to 4:30 shift. Contact George G py, Ext. 3341 or Columbus Ur-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. McGlothin, 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 Bl on 8:00 to 4:30 shift. Conta 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



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) utes. At one time this figure was 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 insured safety in the presen the amounts of residue and dirt of toxic war gases.



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-daughtergranddaughter 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.

# 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.