

FURNACE NEEDS CARE IN SPRINGTIME TO AVOID RUST AND CORROSION

Heating Plant Should Have Attention to Prevent Damage

(This is the first of six articles on repairs needed in every home in the spring, with information how the work may be done and what equipment is needed. Roger B. Whitman of New York, the author, is known as one of the country's foremost authorities on this subject.)

BY ROGER B. WHITMAN Home and Garden Expert Written Especially for NEA Service and OBSERVER

After a winter of stoking, and of struggle to keep the house warm, most people are so sick of the heater when spring comes that they are only too glad to forget it.

That can be understood; but at the same time, there is no getting away from the fact that rust and corrosion can do more damage to a heater in one idle season than will happen in several seasons of use.

It is money in the pocket, and certainly a means of satisfaction, to spend an hour or two at the end of the heating season in putting the plant in shape to pass the summer without injury.

Trouble comes in the dampening of dirt inside the heater and in warm air pipes by the moisture-laden air. The air of spring and summer is damp, and in being cooled by contact with the metal of the heater the water condenses and is picked up by the soot and dust.

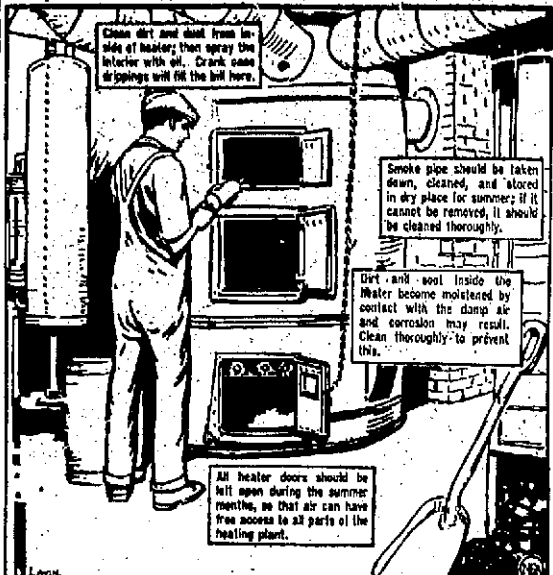
As the soot contains sulphur, there is corrosion from the mild form of sulphuric acid that is formed. This will corrode the joints of a heater; it will rust the smoke pipe and warm air pipes.

Keep Boiler Doors Open Beside this, the draft in a chimney is as constant during the idle season as during the winter; a continual flow of air is being sucked up the flue, and to get there must pass through the heater.

With the heater doors shut, air will leak through the cracks; there will be heavy condensation, and so much rusting that the doors may be ruined.

To lay up any kind of heater, the smoke pipe should be taken down cleaned and stored in a dry place for the summer. If this cannot be done, the pipe should at least be thoroughly cleaned inside.

Whether or not the smoke pipe is taken down, all boiler doors should be left standing open through the summer, so that air can have free access to all parts.



Spray Inside With Oil

The inside smoke passages and other parts of a steam or hot water boiler, or a warm air heater, should be thoroughly cleaned of all soot and dust deposits.

In addition, the inside should be sprayed with oil. Any kind of oil will do; crank case drainings, for one. The oil is applied with a household insect sprayer, or with a brush.

A year or two after installation, a steam or hot water boiler should be cleaned of the dirt and grease that will have worked into it from the piping and radiators.

After that, under ordinary conditions, the water should not be drained, for having been heated many times, it is free from sediment and from air that causes corrosion.

Keep Water in Boiler

In laying up for the summer, water should be added to a steam boiler until it runs out of the safety valve; in the autumn, only enough is drained off to bring what is left to the correct level, which is usually half-way up the water glass.

A hot water system, summer as well as winter, should be kept filled to the proper point.

With a warm air heater, pipes in the cellar should be taken down and cleaned inside; they will last longer if stored in the attic or other dry place over the summer than in their places in the cellar.

The bright parts of an outside oil burner or a stoker should be greased, and the machine covered with heavy cloth or paper to keep off dust.

An inside oil burner should be covered with heavy paper.

NEXT: Spring painting; porch screen, siding and shutter renovation.

TORNADO AT ROME, N. Y. CUTS TWO-MILE PATH

Rome, N. Y., April 25—(UP)—The debris left by a tornado which cut a path two miles long and 150 feet wide in the Frenchville gorge section yesterday, was cleared away today as crews worked to repair bridges and buildings damaged by the twister.

Trees were uprooted and several farm buildings in the section were unroofed. Two barns were demolished but the livestock housed in them escaped without injury.

Many bridge planks were picked up by the tornado and crashed into splinters.

George Ollivier, a farmer, was lifted off the ground and rolled 100 feet to the bank of a creek before he was able to regain his feet.

Lyle Cummings, another farmer, was blown from his crutches and the leg which he had broken a short time ago was injured again.

Farmers living in the section said the tornado lowered and twisted upward nearly 1,000 feet.

No one is permitted to enter England's House of Commons wearing an overcoat or carrying an umbrella.

London, Apr. 25—(UP)—Great Britain may delay negotiations with Japan to settle their trade war, as the result of the Japanese far eastern declaration, it was learned today.

The federation of British industrialists intends to summon a meeting of its special committee on Japanese competition within ten days to consider asking postponement.

Industrial industrialists affiliated with the federation are understood to be opposed to opening negotiations now, partly because the United States and other signatories of the nine power treaty which guarantees China's sovereignty might resent a British-Japanese trade conference.

London, Apr. 25—(UP)—Labor candidates won their fifth victory over Conservatives since the 1911 general election today, when complete returns showed that F. R. West, Labor, had won the House of Commons seat for North Hammsmith.

This by-election was made necessary by the death of the Hon. Mary Pickford, West polled 14,263 votes against 10,747 for Captain Percy Davis, Conservative, and 614 for Fred Bramley, Communist. Bramley forfeited his deposit for not getting sufficient votes.

LONG CANDIDATE LOSSES IN LOUISIANA New Orleans, Apr. 25—(UP)—For the second time within a few months, Senator Huey P. Long was the loser in an election today. Long's political enemies, overjoyed at the success of J. V. Sanders Jr. in the "run-off" primary in the sixth congressional district yesterday, predicted that Long's once all-powerful machine would be disintegrated as fast as the voters could get to it.

Sanders, bitterly opposed to the Kingfish, was an easy victor over Harry D. Wilson, who was generally regarded as Long's candidate although he repeatedly denied the affiliation. He is commissioner of agriculture in the Long controlled state administration.

Long's machine recently lost the New Orleans municipal election.

WHO WAS FIRST? IN AMERICA By Joseph Nathan Kane Author of "Famous First Facts"

Who was the first woman law graduate in America? When was the first postage metering machine made? When was the first Pullman sleeper built? Answers in next issue.

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—Dunkirk Printing Co., Turntable Job Printing at very low prices.

CITY SHIVERS AS SNOW FALLS THIS MORNING

Temperature Hung Close to the Freezing Point Throughout Night.

Snow fell here today for the third time within a week and the temperature stayed close to the freezing point.

From a high mark of 41 at 4 p. m. Tuesday, the mercury dropped to 34 at midnight and to 33 at 4 a. m. It remained at this level throughout the night and early morning.

Although snow at this time of year seems especially unpleasant, it is not unseasonable. Last April saw snow one day later than this. Buds and blossoms were well out on the 30th of the month.

DUNKIRK MERCHANTS TO OBSERVE COTTON WEEK

National Cotton week, May 14-19, will be observed by the merchants in Dunkirk handling cotton goods. It was decided at a conference of merchants held at the Chamber of Commerce Tuesday.

The event is endorsed by the government and is intended to acquaint buyers with the qualities of cotton merchandise.

Plans for the observance of the week will be completed in advance, the merchants working cooperatively to make the most attractive showing possible.

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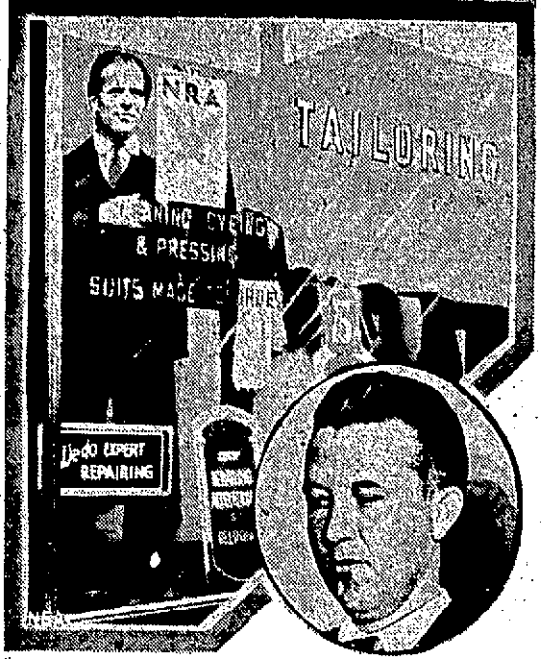
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NRA Violator Free to Press Suits Again



Jacob Maged, the Jersey City, N. J., tailor, who aroused national interest when he was sentenced to jail for pressing a suit for 35 cents instead of the 40 cents set by the state industrial recovery act, is a free man who isn't "sore at anybody" and who thinks "the NIRA is a good thing". He is shown putting up a Blue Eagle in his store after his release. Judge Robert V. Kincaid (inset), who freed Maged after he had served three days of a 30-day term, promised he'd be a Maged customer.

Ida M. Tarbell Praises Work of Chautauqua Institution

Recalls Childhood Experiences at Old Camp Meetings and Describes Pioneering in Adult Education.

Miss Ida M. Tarbell, nationally known writer and editor of various magazines, writes to the editor of the New York Times, praising Chautauqua institution for its pioneer work in adult education and urging support of the public in the institution's present financial embarrassment.

Miss Tarbell tells of her childhood experiences at Chautauqua when it was a Methodist camp meeting grounds. Miss Tarbell was born in Erie county, Pa., about 60 miles from Chautauqua. She recalls playing in the model Holy Land and wading when she dared in the Dead Sea.

The writer continues: "I saw the Chautauqua camp meeting gradually transformed to an educational institution in which there was no strong and universal a passion for knowledge as in any institution with which I have ever been connected. It began with the founding of the Chautauqua Literary and Scientific Circle by John H. Vincent, the man who had from the start given to the place its color and its vitality. The C. L. S. C. was presented at a meeting which is one of the most vivid memories of my life. I was still a high school girl and happened in at the gathering in the auditorium, as they called the meeting place under the trees, at the moment when Dr. Vincent was putting before a Summer followers a plan for a reading course running over four years patterned after a college course and designed to give its outlook.

"The plan had grown out of his sympathy for the hunger for more knowledge which he had sensed in most of the people who came to the Summer gatherings. Here was something within their reach to satisfy that hunger. I think of all the inspirational talks that I have ever heard that was far and away the greatest. It lifted his whole audience, and before the night fell almost everybody there had signed for that four years reading circle, I among them.

Miss Tarbell describes the spread of the C. L. S. C. in annual graduating exercises at the institution at Chautauqua and the opportunities for reading offered those

who completed the regular course. Miss Tarbell later became associated with The Chautauqua, a publication for C. L. S. C. students and prepared reference notes published in the magazine. She adds: "Our efforts to aid brought us an enormous response. There passed through our office day by day hundreds of letters which told of the determination that thousands of people were putting into a struggle for more knowledge, for a broader outlook.

"The Chautauqua Literary and Scientific Circle laid the foundations for adult education in this country. It laid them solidly by establishing the habit of reading good books. If more and more we are becoming a nation of readers, as I believe, no little of it is due to the C. L. S. C., or if you prefer, the A. A. E. P.

"Chautauqua, the Chautauqua which is now in temporary embarrassment, has always been the physical center of the movement, the Mecca to which its followers have turned. As the years have gone on many things, of course, have changed in the movement, but Chautauqua itself still has its lecture platform, its courses of study, its splendid music, its healthy and stimulating Summer life. All of those things make it an institution that the country should not forget nor neglect. To let Chautauqua die would be like letting one of our universities die. We owe it more than ever has been estimated, its future should be made secure."

POE LITERATURE CHAIR URGED

Philadelphia—(UP)—An Edgar Allan Poe chair of literature is being urged at the University of Pennsylvania. Professor Albert Schinz of the university, in making the suggestion, proposed that the chair be filled by Arthur Hobson Quinn, a colleague of his, now professor of English.

Great Britain is attempting an insect census at Rothamsted experimental station; 130,000 insects were attracted to a "light trap" within the last year.

The ROMANTIC RUNAWAY

CHAPTER XLVIII

SIR AUBREY had told Pablito the whole story and now sat waiting for the young man to speak. Pablito seemed too quiet, too contained. His manner made Sir Aubrey remember the pitiable twisting of Mary's hands. He could not guess whether his confession and his promise to do everything possible to make amends would count or not.

He had told his wife and daughters the same story, promising them the inheritance that was rightfully theirs but declaring that the house and enough to run it must be his son's. His son's! And now that son sat before him, so strangely quiet.

Suddenly Pablito spoke a little metallically. "I suppose she had a rotten time of it," he said.

"It killed her," Sir Aubrey admitted.

Pablito pulled up a sleeve to show on his upper arm a jagged, deep white scar. "My foster mother did that," he said. "She did it one day when her mood was no worse than usual. I saw her in Key West a month ago. Noyes had been supporting her, not knowing, of course, who she was. She recognized me and her worn-out heart stopped of fright. She knew I had too much to remember. But I didn't really blame her. It's you I blame! You and men like you who desert children and leave them to fend for themselves! Norris Noyes is my father—"

"That—is your answer?" Sir Aubrey asked.

Pablito nodded. "I will take nothing from you!" he said. "It is too late."

Standing stiffly, he watched Sir Aubrey make his way, rather slowly toward the stairway, realizing as he did so (and trying to ignore the thought) that Sir Aubrey was an old man—a very old man. But Pablito could not forget the woman who had been his mother—the woman whose name, Sir Aubrey had said, was Mary Marriage.

As he stood thus, rigid from the moment that had passed, Noyes came hurrying up the stairs. Noyes' eyes were bright, his thin cheeks flushed.

"Pablito—" he said breathlessly, "I have a message for you. Estelle Field wants to see you."

IN an amazingly short time (considering the distance he had to cover) Pablito was tipping a shabby little boy who opened the gate of the Field estate for him. Then he went to the garden beyond the house, the garden that faced

the sea. He saw Estelle in the twilight which had thickened swiftly. She was standing against a wall and she was trembling as she waited. When he had reached her he found that he could not speak. Pablito dropped to his knees and felt her hand on his hair. "Oh, please!" she whispered. "Please!"

And he knew that she meant, "Get up! Kiss me!" He struggled to his feet; to hold her close and to kiss her frantically. To murmur things he had not said for so long—those exaggerations that are but a part of the truth when one is in love.

"Don't ever leave me again!" "Dearest, I never will," he answered.

"I love you more than ever, Pablito!" "My dearest! My darling!"

"I can't live—now—without you!" Her hands, as she spoke, moved over his arms and shoulders, clinging, reassuring him that she was really there. In a moment he thought—trembling and breathless as he looked down at her—in a moment he would wake again. "Is it true?" he managed to whisper.

He heard, "Oh, Pablito, dearest!" and then a sob. "Of course it's true."

SIR AUBREY had made ready for the night and crawled beneath the mosquito netting that covered the immense bed. All his hoping now was at an end. He was going back to Lower Girtlings to see on the terrace a line of round-cheeked, pale-eyed women who would welcome him with love, even though knowing what he had been. There would be no son in the old house—no son who would take his name and bring there, in time, his own wife and son. And so time and circumstances would snuff out his name as a cold wind snuffs out a candle.

He realized he had hoped a great deal as he lay, trembling, under the mosquito netting. And he knew he had loved Pablito by the hurt that Pablito had wrought him. Suddenly tears gathered in his eyes and rolled down his cheeks. He let them come, unchecked by the handkerchief in the pocket of his Bond street pyjamas.

Then there was a tap on the door. For a moment Sir Aubrey was minded to ignore it. He could hardly see anyone now, but something made him struggle free of the mosquito netting and move unsteadily toward the door. There he called out, "What is it?" in a voice that he tried to make crisp. "It is I—Pablito," he heard. Sir

Aubrey opened the door. Pablito stepped into the room—not a Pablito Sir Aubrey had ever seen before but a new version, strong and smiling.

Sir Aubrey regarded the youth with wonder, forgetting the tears on his cheeks. Pablito saw them, remembering suddenly that there were tears in the world and reasons for them.

"I came back," he said, laying a hand on Sir Aubrey's arm, "because I know that I was brutal. I'm not—feeling brutal any more."

"I'm glad," said Sir Aubrey. Then he had to wipe away the tears because they were rolling down his cheeks again. "Oh, dash it!" he murmured, wholly shamefaced. Then he had to sit down in a wicker chair that squeaked as he settled in it. For when a great deal of joy or pain came to him Sir Aubrey realized that the years were creeping up on him and that those years were numbered.

PABLITO stood looking down at the older man, a hand on his shoulder. Now, without shame, Sir Aubrey groped for Pablito's hand and held it in his.

"Father!" said Pablito. Sir Aubrey managed to say, "Eh, what?" almost crisply.

"Father," Pablito repeated, "I'm going to be married. The girl who has promised to marry me has lost her father. So if you'll dress you can come to our wedding and give her away—to me. You'll be gaining a daughter. It's all very sudden—and rather amazing, isn't it?" He laughed a little unsteadily as he finished speaking.

"Then some day at Lower Girtlings—" Sir Aubrey began, but Pablito could not let him go on with his dream.

"I'm sorry to rush you," he said, "but we really must go right away. Estelle is waiting for me. She is waiting for me!"

Then after a deep, indrawn breath Pablito's teeth set on his lower lip, his hands clenched and for a moment he closed his eyes. Influence with the authorities had made it possible to arrange the marriage ceremony hastily. Within half an hour Estelle would be his wife. His wife!

"I'm sorry to hurry you," he went on steadily, "but you see—" "Oh, quite naturally!" said Sir Aubrey, struggling into his garments. "So it's to be a wedding and two of you to come home to the Small House—until I go on—And Noyes, too—if he will—I'm no end grateful to him."

Again he mopped his eyes. "A wedding at midnight is romantic, isn't it? I say, dear boy—my son, hand me my braces, will you?"

THE END

COURT ACTION TO TEST PROGRAM OF UTILITY CONTROL

(Continued from Page One)

All customers' deposits unclaimed at the end of 15 years.

Re-define utility affiliates as persons or companies owning five per cent of voting stock in an operating company.

Authorize the commission to regulate financial relations between utilities and affiliates.

Empower the commission to control use of revenues by operating companies for other than maintenance and operation.

Fix fees for the filing of documents by utilities with the commission.

Authorize villages owning utility plants to extend service to bordering communities.

The governor previously signed a bill giving the commission supervision over gas and electric transmission lines.

The 11th bill in the governor's program has been passed by the senate, but has been delayed by the Republican rules committee in the assembly. It would authorize the commission to direct the public holding of utility contracts exceeding \$25,000.

Utilities, meanwhile, have prepared to subject one or more of the bills to a court test as soon as the commission undertakes to enforce the newly-bestowed powers.

Court Fights Impend

The rate bill probably would be the first carried to courts as utility spokesmen protested at legislative hearings that the power was unconstitutional and confiscatory. The protest was echoed in the lower house when the bill was

passed. Another court action testing the power of the majority leader of the senate and the validity of the "Mayor" investigation, however, was in immediate prospect.

McNaboe, who has questioned the authority of Senator John J. Dunigan, Bronx Democrat and upper house leader, to oust him from the judiciary committee, has gained the support of Republican senators.

Senate Minority Leader George J. Peaton, Syracuse Republican, contended "no one must should have the power to remove a senator from a committee with or without cause."

McNaboe claimed the ouster nullified all acts of the committee including the inquiry launched into the correspondence between Thayer and Associated Gas and Electric Co.

SELECTION OF CHIEF FOR TAMMANY DELAYED

New York, Apr. 25—(UP)—Efforts to select a new leader for Tammany Hall have resulted in negligible progress today as various groups, none of them with majority backing, were reticent to bring out a candidate.

At the first meeting of assembly district leaders held since John F. Curry was deposed from office, only an informal discussion of Tammany's status was developed. With many of the assemblymen who voted for Curry's ouster absent, it appeared probable that no definite action on a new chief would be made for several weeks.

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DONNA OF THE BIG TOP

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