

### Certification Numbers

As inspectors, we are called on to work with out of town plumbers from time to time. We need to check to see if they are working with a current backflow certification license.

The present system requires that we call Mr. Robert Lashlee's office to verify the validness of the certificate. This can be time consuming for myself as well as Mr. Lashlee.

My suggestion is to use the current certificate number but add a two (2) digit number to the present certificate number.

Instead of having 2483 we could have 2483-95, the last two digits being the year of expiration for the certificate. This would make everyone's job easier.

(Submitted by Chuck Bean, Cumberland Utility District, Hermitage, TN)

\*\*\*\*\*



**April 16, 1995**

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# ◆ Volunteer Chapter ABPA News ◆

Volume 2 Issue 4

February, 1995

### ◆ President's Corner

### 1st Annual Volunteer Chapter Conference

**I**n keeping with the Volunteer Chapter's efforts to keep all of us up to date in the latest training and education in the field of cross connection control, the Board of Directors are knee-deep in planning for the 1st Annual Volunteer Chapter Conference.

A conference committee has been appointed and are exploring options concerning all aspects of the conference.

The location, dates and all other pertinent information will be released soon. A registration information packet will be sent to all Chapter Members. Please make an effort to attend this event, as this will be the first Chapter Conference we have attempted to present. The success of the Conference will depend upon our participation. The cost will be kept to a minimum, but the facilities and seminars will be first class.

Watch for the final information soon. Please invite someone else to attend. See you soon!

(Submitted by Dale Phelps, City of Gatlingurg, Gatlingurg, TN)



### Important Date

Please mark your calendars for the next meeting of the Volunteer chapter of ABPA which will be Monday, February 13, 1995, at 10:00 A.M. the meeting will be held at the Tennessee Association Utility Districts office, 840 Commercial Court, Murfreesboro, TN. Maurie Nielsen with AMES Co., will be speaking on backflow prevention and fire systems. If directions are needed please contact the T.A.U.D. office at (615) 896-9022.

### ◆ Information

### Did You Know?

**T**he Tennessee Department of Agriculture (TDA) has a group of regulations called the "Tennessee Retail Foodstore Law". These regulations require vacuum breakers on all threaded hose connections at certain locations in the TDA inspection jurisdiction.

The TDA inspects all retail food stores, such as deli's, snack bars, grocery stores, etc. TDA does not inspect restaurants, as they are usually the jurisdiction of the local Health Department.

More information can be

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**ABPA News**

**Volunteer Chapter**

Published quarterly by the Volunteer Chapter of the American Backflow Prevention Association, whose members have a common interest in protecting the drinking water from contamination through cross-connections. Opinions expressed in articles or letters are not necessarily those supported by the Chapter.

Your ideas and expertise are needed by the Volunteer Chapter ABPA to ensure a balanced approach to solving backflow problems in the State of Tennessee. Your participation will help shape the future of cross connection control across the State by providing support for a unified backflow prevention effort.

**Advertisement Rates Per Issue:**

\$20.00 Business Card Size  
Make check payable to Volunteer Chapter ABPA and mail ad copy and payment to Chapter address:  
Volunteer Chapter ABPA  
% P. O. Box 5  
Gatlinburg, TN 37738

ABPA annual dues are:  
\$27.00 ABPA National  
10.00 Volunteer Chapter  
\$37.00 Total Annual Dues

Make check payable to ABPA.  
(National membership is required for Chapter membership.)

Mail dues to:  
ABPA  
4381 Hudson Drive  
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Knoxville Utility District, Knoxville, TN  
John Hall------(615) 896-9022  
Tennessee Association of Utility Districts,  
Murfreesboro, TN

**Did You Know?**

(Continued from Page 1, Column 3)

obtained from Mr. Rick Heinrich at the TDA office in Nashville. Copies of the regulations are available from Barbara McGuire. The phone number for both Mr. Heinrich and Ms. McGuire is (615) 360-0193.

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**Thanks**

We want to thank Ed Lathrop, Regional Director for Region 3 of the National ABPA for coming to our November meeting in Jackson.

He spoke to us about his responsibilities as Director and offered his help to any member at any time.

Ed also informed us of a valuable new asset for the Chapter members. There is now a National ABPA Computerized Bulletin Board available 24 hours a day, seven (7) days a week. The telephone number is (216) 945-6919.

Ed can be reached at (407) 869-2551 (work), (407) 699-0744 (home), or (407) 376-4607 (mobile). He strongly encouraged each member to contact him if he could help with a problem.

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**New Board Members**

At the November meeting in Jackson, Ed Lathrop had the privilege of announcing the results of the Chapter elections as follows:

President-Dale Phelps  
Vice-President-Don Treesh  
Sec./Treas.-Scott Arledge  
West TN Director-Jeff Becker  
Middle TN Director-Becky Thompson  
East TN Director-David Birkholz

We want to thank all of these fine people and also the other individuals who ran for office. It was a hard choice which just goes to show that we have many talented people in our organization.

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**Miscellaneous**

**Education**

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**PLEASE!!!!**

Articles, Technical Tips and other information are needed by the newsletter committee. If you have information or need information please call one of the committee members and they will be happy to assist you. The newsletter committee members are:

Dale Phelps (615) 436-4681  
Don Treesh (615) 594-3633  
Greg Young (205) 233-2033  
Becky Thompson (615) 868-5400  
Eddie Agee (615) 441-6699

\*\*\*\*\*



**Thinking Day**  
**February 22, 1995**

(Submitted by Eddie Agee, MidAmerica Marketing, Memphis, TN)

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**Training Seminar**

Over twenty people were present at a backflow seminar in Pigeon Forge, December 6, 1994. The seminar was hosted by Johnny Burns, manufacturer's agent with Ben O'Neal Company and E. B. Swaney, Technical Service Manager of Wilkins Regulator.

Mr. Swaney conducted a short class on the basics of cross connection control and backflow prevention devices.

Johnny Burns demonstrated the new Zurn automatic flushometers, including a retrofit for existing valves. A brief description of the Volunteer Chapter ABPA and information on the Chapter was provided by Dale Phelps, Chapter President.

Mr. Swaney retired from Zurn/Wilkins effective December 31, 1994. He possessed a wealth of knowledge about cross connection and backflow prevention. He will be missed in the industry.

(Submitted by Dale Phelps, City of Gatlinburg, Gatlinburg, TN)

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**March 20, 1995**

LOUDON UTILITIES WATER TEST OF FIRE SPRINKLER SYSTEMS IN THE SERVICE AREA.

On October 25, 1994, Dave Birkholz of Loudon Utilities and Larry Stinnett of Knoxville Utilities Board took six (6) water samples from fire sprinkler systems in the Loudon Utilities water service area. This is a sampling of fifty percent (50%) of the sprinkler systems in the service area. The samples were taken from the industries listed below.

SAMPLE #	LOCATION	TIME	COMMENT
01	Loudon Elementary	1025	Not drained in over 6 months
02	Maremont Corp.	1000	System alarms are drained and checked monthly.
03	Bacon Building	1015	System alarms are drained and checked monthly.
04	Hutch Manufacturing	0940	Not drained in over 6 months.
05	Cobb's Auto Parts	1040	Drained and repaired backflow preventer 9/16/94.
06	Specialty Distributing	1055	Not drained in over 6 months.

Samples were taken at main drain on each system and were first draw samples. Rust color was in most samples but none were black in color. Samples were analyzed by Earth Tech Labs in Cleveland, Tennessee. Results of the samplings are listed below and are in ppb except for turbidity which is measured in NTUs (Nephelometric Turbidity Units).

#	01	02	03	04	05	06	EPA LIMITS
Turb.	2.3	37	52	44	4.9	87	5.0
CU	16	130	240	940	46	160	1300
FE	6800	42000	69000	250000	48000	78000	300
PB	38	45	44	1900	230	490	15
ZN	ND*	560	320	47000	160	270	500

\* Parameter was not detected, detection limit was 10

Turbidity sampling analysis was performed beyond EPA established maximum allowable holding time.

KNOXVILLE UTILITIES BOARD  
KNOXVILLE, TENNESSEE

FIRE LINE QUALITY REPORT

Date analyses completed:  
November 14, 1994

	Magnesium (Mg) PPM	Potassium (K) PPM	Calcium (Ca) PPM	Sodium (Na) PPM	Manganese (Mn) PPM	Iron (Fe) PPM	Copper (Cu) PPM	Cadmium (Cd) PPM	Lead (Pb) PPM	Turbidity NTU
Broadway Towers	12.2	2.8	161.5	7.5	2,070	17,240	31	1.8	380	1,340
Cathoun's	5.6	2.8	23.7	7.6	110	8,390	47	<1	29.1	182
Deane Hill	3.8	3.0	15.3	7.8	750	16,520	1,110	<1	667	3,920
KUB Garage	0.2	3.8	23.3	7.4	87	440	255	<1	38.7	60
KUB Power	3.4	3.9	9.5	8.5	30	1,140	180	<1	329	9.8
St Mary's	4.5	2.9	13.0	7.6	100	1,250	13	<1	25	70
EPA REGULATION	2-10	2-4	20-40	10-20	50PPB	300	1,000	10	15-50	1-5
		(NO EPA LIMIT KUB AVERAGE)			(SECONDARY LIMIT)			(PRIMARY HEALTH RELATED)		

(EPA REGULATION)