

CROSS TALK

QUARTERLY BULLETIN

FOUNDATION FOR CROSS-CONNECTION CONTROL RESEARCH

UNIVERSITY OF SOUTHERN CALIFORNIA

University Park, Los Angeles, California 90007

VOLUME 2/NUMBER 2/OCTOBER 1968



Support Grows

Step by step the list of water purveyors and interested agencies participating in the work of the Foundation is growing. Furthermore, inquiries from across the land are being received for a diversity of studies—cavitation in pipe lines, model study of a power plant intake system, vortex control, etc. Hence, more and more people are looking to the Foundation for aid not only with their backflow prevention program, but with other problems as well. As of October 1, 1968 the following are contributing sponsors for the year 1968-69:

Diamond Bar Water Company
California Domestic Water Company
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Fallbrook Public Water Dist.
City of Buena Park
City of Milpitas
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City of Camarillo
Laguna Beach County Water Dist.
Vista Irrigation District
County of Los Angeles
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Running Springs County Water Dist.
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Otay Municipal Water District
City of Norwalk
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City of Santa Ana
City of Huntington Beach
City of Anaheim
Valley Center Municipal Water Dist.
City of Newport Beach
City of Riverside
City of Bellflower
Las Virgenes Municipal Water Dist.
City of El Segundo
California Cities Water Company

Problems Develop in Field Evaluation

The purpose of the Foundation's laboratory and field evaluation program for all new backflow prevention devices is to determine whether or not the design will, under normal field operating conditions, perform satisfactorily; and, thus offer the necessary protection to a potable water supply. If the test devices were the only assemblies of the particular size and model under evaluation in the field during this period of time it would not be necessary for any comment to be made about their performance. However, when a faulty design feature does show up during

this evaluation period and it is known that other assemblies of the particular size and model are somewhere in the field it becomes necessary for the Foundation to issue a warning to the water purveyors so that they may be able to continue to carry out their responsibility for the protection of the water supply.

Such is the case at this time. Currently the following sizes and models of Cla-Val Co. devices are undergoing field evaluation: 2-1/2" RP, 8" RP and 10" RP. In each of these devices we have determined that the plastic retainer rings on both the

Disc Retainer Pin and the Link Pin are being sheared off. Hence, if a water purveyor knows of any of these sizes and models in his system we suggest that the owner of the assembly be asked to have replacement pins and spring retainers installed in the unit promptly. Neither of these sizes and models have as yet received "Provisional Approval"; but, it is hoped that they will be soon so listed. Anyone having a question about the status of any of the backflow prevention assemblies may contact the Foundation (Area Code 213, 746-2032).

Foundation Support Expanded

At their September 19th meeting at the Redlands Country Club the Board of Directors of the *Southern California Water Utilities Association, Inc.* adopted in principle a motion establishing two grades of membership for the support of the activities of the *Foundation for Cross Connection Control Research*. These are a) Purveyor and b) Associate. The Purveyor Member is obviously any water purveyor—public or private—having a system and providing services. The Associate Member is any city, county, state or private company or corporation having responsibilities or interests in the areas of water production, processing and/or distribution—either direct or indirect—but not having water system services. The purveyor membership is based upon the number of meters or individual services supplied; i.e.

- a) purveyors with fewer than 2,500 services—\$50.00/yr.
- b) purveyors with between 2,500

and 25,000 services—\$0.02/service/yr.

- c) purveyors with over 25,000 services—\$500.00/yr.

Also, it is considered that the purveyor membership is the prime membership of any city or county. That is, other departments of a city or county are welcome to become affiliated with the Foundation as Associate Members; but, that the prime membership from that political jurisdiction is that of the water purveyor.

The associate membership is also subdivided into three groups according to the general responsibilities of the agencies involved. These are:

- a) Village, town or city—\$50.00/yr.
- b) County agency—such as the Health Dept.—\$100.00/yr.
- c) State agency—such as the Board of Water Resources, Health Dept., etc.—\$250.00/yr.

The associate membership grades were based upon the general geo-

graphic responsibility of these groups which in themselves do not have any direct customer services as a source of income.

Each Purveyor Member and each Associate Member will receive a copy of the current *Manual of Cross-Connection Control* as it is issued by the Foundation; and, will be placed on the mailing list to receive the quarterly news bulletin *Cross Talk* as well as any other mailing from the Foundation. In addition both members may avail themselves of a review of perplexing problems that they have in their systems which hopefully will result in suggestions for possible solution. The Foundation is not in the business of being a consulting engineer; but, we will offer suggestions of where possible solutions may be gained or of what research may be undertaken in our Laboratory. Some of the members have already found benefit from a telephone call or a short visit to our office.

Manual is Reviewed

After many weeks of consideration by the L A County Health Department sub-committee on backflow prevention specifications recommendations of the users and manufacturers are now being incorporated in the revision of the specifications for backflow prevention devices as set forth in the **MANUAL OF CROSS**

CONNECTION CONTROL. The 4th Edition, now in preparation, has recently been reviewed by a committee of the water utilities representing the Channel, Los Angeles, Orange Co., Inland, and San Diego water utilities associations. This committee is as follows:

Ernest J. Havlina, Los Angeles, Chm.

Frank T. Higgins, Long Beach
Emmett F. Lowry, Redlands
Gus F. Lenain, Anaheim
Richard E. Pence, Santa Barbara
Jack H. Kuhns, San Diego
E. Kent Springer, Director, Foundation for Cross Connection Control Research.



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