

CROSS TALK

QUARTERLY BULLETIN



FOUNDATION FOR CROSS-CONNECTION CONTROL RESEARCH

UNIVERSITY OF SOUTHERN CALIFORNIA

University Park, Los Angeles, California 90007

Volume 3 / Number 4 / April 1970



Yes, we are very late with this issue of Cross Talk. It wasn't caused by unscheduled student activities but just by too few hours in each day. We are trying harder to get caught up.

5th International Water Pollution Research Conference & Exhibition, Civic Auditorium & Brooks Hall, San Francisco, July 26-August 1, 1970.

Visit us in Booth 324 at the 5th International Water Pollution Research Conference & Exhibition. This is an opportunity to see and hear about current developments from over the world. Join us there.

THE BLUE MANUAL

If you are not careful time flies by in an awful hurry. And, even if you are careful the days and years seem to slip past altogether too quickly. For some of us the now famous "Blue Manual" is something that came onto our desk only a "short while ago". However, to others this must have been around for a while for these youngsters really didn't become acquainted with the first edition. As a matter of fact the first edition of the Manual of Cross-Connection Control Recommended Practice (that was its original title) was released in August 1960. And, now that we look back over these ten years we begin to realize the magnitude of the changes that have taken place. So, it really isn't any wonder that many of the new entrants into the backflow prevention field are not fully aware of the pioneering efforts of a fairly large

group of men that went into the first "Blue Manual" as it came to be known.

The origin of this Manual was the revised and expanded specifications for backflow prevention devices that was known as the USCEC Report 48-101. This was the product of a three-year study contract between the University of Southern California's Foundation for Cross-Connection Control Research and the Department of Water & Power of the City of Los Angeles. This work was under the supervision of Dr. Ken C. Reynolds (now retired) aided by Prof. Walter H. Alback, Capt. U.S.N. (ret.) (deceased) and Prof. E. Kent Springer. The report was submitted in 1959.

Then, the Southern California Water Utilities Association appointed a Specifications & Manual of Cross-

Connection Control Practice Committee which was charged with the task of taking the USC EC Report 48-101 and expanding it into a suitable Manual which could be published by the Foundation. This committee was composed of Ernest J. Havlina, L.A. Dept. of Water & Power; Frank T. Higgins, Long Beach Water Dept.; John R. Patten, Santa Monica Water Dept.; with Roy O. Van Meter, L.A. Dept. of Water & Power as the Chairman; and Dr. Kenneth C. Reynolds, Director of the Foundation for Cross-Connection Control Research was the Editor.

Both the Orange County Water Works Group and the San Diego County Water Group cooperated with the Southern California Water Utilities Association in this effort. And, the members of these three groups—in addition to the above mentioned committee members—were as follows:

Duncan A. Blackburn,
City of Pasadena Water Dept.;

Harold E. Butler,
City of Glendale Public Service
Dept.;

William P. Crum,
San Dimas Charter Oak Domestic
Wtr. Co.;

Ray L. Derby,
City of L.A. Dept. of Water &
Power;

Roy E. Dodson, Jr.,
City of San Diego Utilities Dept.;

Loy L. Flor,
Helix Irrigation District;

John V. Fonley,
Orange Water Dept.;

Jack N. Hall,
Santa Ana Dept. of Public Works;

Hilton H. Harris,
Compton Water Dept.;

Donald A. Hoffman,
San Diego Utilities Dept.;

Leslie A. Hosegood,
San Bernardino Municipal Water
Dept.;

August F. Lenain,
Anaheim Utilities Dept.;

William J. Moffitt,
Beverly Hills Water Dept.;

Henry C. Myers,
California Wtr. & Telephone Co.;

Carlton J. Peterson,
Diamond Bar Water Co.;

Claude P. Rogers,
Fullerton Water Dept.;

Hayman W. Stokes,
Inglewood Water Dept.;

Raymond V. Stone, Jr.,
Santa Ana Regional Water Pollution
Control Board;

Kenneth R. Warren,
Whittier Water Dept.;

C. Kenyon Wells,
Long Beach Water Dept.;

It is to these men that we owe a debt of gratitude for their work in expanding the specifications into "The Blue Manual".

The revisions of the 4th Edition of the Manual was similarly the result

FIELD EVALUATION CHANGED

Earlier this spring the supporting members of the Foundation were advised by letter of a change that has been made in the field evaluation of Reduced Pressure Principle Devices. Since *Cross Talk* is still being mailed out to a larger number of individual people we want to comment on this change so that all will understand it. There have been no known incidents of a device under evaluation having been a contributory cause of any health problem by its malfunction during this critical evaluation period.

LAB USE

Although we have not yet installed the pumps and recirculating sump, it may be of interest to supporting mem-

bers of many hours of discussion by a large committee composed of water utility members, health department representatives, plumbing association representatives, manufacturer representatives and the foundation all

But, recognizing that the one-in-a million chance might catch up with us during some future evaluation period we have decided to change the selection of our field sites so that there will be no possible danger during the evaluation period.

Effective with the date of the above noted letter we will no longer permit the location of a field evaluation for a Reduced Pressure Principle Device site where there is a real or potential health hazard. The test RP devices will henceforth be placed only on services where there is a lower potential degree of hazard.

bers of the Foundation that the Laboratory has been in frequent use this spring. Devices up through the 10-inch sizes have been flow rated

under the overall chairmanship of Henry Eich of the Los Angeles County Health Dept.

This group of men also are to be thanked for their many hours of effort in tightening up the specifications.

The reasons for this change are quite obvious; and we sincerely trust that the utilities who will be cooperating with both the manufacturers and the Foundation in all future field evaluations will fully understand and assist in the selection of acceptable field sites. It is encouraging to note that two utilities have responded to this change by stating that they would, of need be, assist by making available an evaluation site on a service where no protection would normally be required. We very much appreciate this cooperation and recognition of responsibility.

using the new instrumentation. We hope soon to give a favorable progress report on the final electrical work, steel work and sump work.



UNIVERSITY OF SOUTHERN CALIFORNIA
SCHOOL OF ENGINEERING
UNIVERSITY PARK
LOS ANGELES, CALIFORNIA 90007

Non-profit Org.
U. S. Postage
PAID
Permit No. 2075
Los Angeles, Calif.