

PROJECT ADMINISTRATION DATA SHEET

ORIGINAL

REVISION NO. _____

Project No. A-2903

DATE: 3/25/81

Project Director: Lu Ann Rockett School/Lab TAL/WES

Sponsor: Tennessee Valley Authority; 1340 Commerce Union Bank Building; Ga. Chattanooga, Tennessee 37401

Type Agreement: Task Statement #GTRI-81-001 under Contract TV-50547A

Award Period: From 3/9/81 To 6/19/81 ^{6/3/81} (Performance) ----- (Reports)

Sponsor Amount: \$23,262 Contracted through:

Cost Sharing: N/A GTRI/~~GTR~~

Title: Assessment of Training Requirements for Expansion of the Wood Heater Program to Provide Technical Assistance to Valley Residents

ADMINISTRATIVE DATA

OCA CONTACT Leamon R. Scott

) Sponsor Technical Contact: Karen Knight; Tennessee Valley Authority; Wood Heater Program; 310 Credit Union Building; Chattanooga, TN 37401

) Sponsor Admin./Contractual Contact: O. E. Gray, III; Assistant to the Director; Tennessee Valley Authority; 1340 Commerce Union Bank Bldg; Chattanooga, Tennessee 37401

Reports: See Deliverable Schedule Security Classification: N/A

Defense Priority Rating: N/A

RESTRICTIONS

See Attached _____ Supplemental Information Sheet for Additional Requirements.

Travel: Foreign travel must have prior approval - Contact OCA in each case. Domestic travel requires sponsor approval where total will exceed greater of \$500 or 125% of approved proposal budget category.

Equipment: Title vests with None proposed

COMMENTS: Travel shall be IAW standard TVA Travel Regulations. Copy forwarded under separate cover to TAL Administrative Coordinator.

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| Administrative Coordinator | Research Security Services | EES Information Office (2) |
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GEORGIA INSTITUTE OF TECHNOLOGY
OFFICE OF CONTRACT ADMINISTRATION
SPONSORED PROJECT TERMINATION

Date: 7/22/81

Project Title: Assessment of Training Requirements for Expansion of the
Wood Heater Program to Provide Technical Assistance to
Valley Residents
Project No: A-2903
Project Director: LuAnn Rockett
Sponsor: Tennessee Valley Authority, Chattanooga, TN

Effective Termination Date: 6/30/81

Clearance of Accounting Charges: 6/30/81

Grant/Contract Closeout Actions Remaining:

- Final Invoice and ~~Closing Document~~
- Final Fiscal Report
- Final Report of Inventions
- Govt. Property Inventory & Related Certificate
- Classified Material Certificate
- Other _____

Assigned to: TAL/ECD (School Laboratory)

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- EES Research Public Relations (2)
- Project File (OCA)
- Other: M. Passafiume

AN ASSESSMENT OF TRAINING REQUIREMENTS
FOR EXPANSION OF THE WOOD HEATER PROGRAM
TO PROVIDE TECHNICAL ASSISTANCE
TO VALLEY RESIDENTS

Final Report
Project A-2903

Prepared for
Tennessee Valley Authority
Solar Applications Branch-Wood Heater Program

by

LuAnn T. Rockett
Project Director

C. L. Aton
M. C. Ehrhardt
D. M. Moore

with the assistance of

C. D. Ward

Technology Applications Laboratory
Engineering Experiment Station
Georgia Institute of Technology
JUNE 1981

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I. EXECUTIVE SUMMARY

The following report describes the results of a survey of 160 fire and building officials, conducted by the Georgia Tech Engineering Experiment Station for the Solar Applications Branch of the Tennessee Valley Authority. The purpose of the survey was to determine the need for training on the part of fire and building officials in the area of wood heater safety. Information was collected by telephone using a standard questionnaire, and data were analyzed through the Georgia Tech central computer system, using a statistical analysis program.

Of those surveyed, 93% responded that they would attend a training program, and 95% felt that a reference manual would be useful. Less than 20% had received any form of training on wood heater safety. Primary interest of the respondents was found to be in the area of installation requirements, heat shields, and chimneys, with lesser importance placed on combustion fundamentals, operation and cleaning, and specific types of wood heaters.

As a result of the survey, it is recommended that a number of one-day training programs be held and that they be widely distributed throughout the TVA region. Separate sessions for fire officials and building officials are recommended, with broad coverage of all facets of wood heating for the fire officials, and more specific emphasis on installation and building code requirements for the building officials. It is also recommended that homeowner education be stressed through widespread distribution of such materials as "Safe and Warm Wood Heat" and other TVA and Georgia Tech pamphlets. Before undertaking specific training programs a detailed review of all available materials listed in the Appendix should be made to avoid duplication of effort. Finally, as with any good training program, a detailed training manual should be developed that will be suitable for both classroom and field use.

II. INTRODUCTION

Because of their involvement in the promotion of wood as an alternative energy source for home heating, the Tennessee Valley Authority has acknowledged their responsibility for ensuring an awareness of the safety aspects of this trend. As a result, TVA has developed literature and held training sessions on wood heater installation and safety. TVA has experienced an increased demand on the part of fire safety and building code officials to perform inspections of wood heater installations, and intends to expand its training efforts for the benefit of these individuals. Georgia Tech was therefore contracted to quantify the benefits and anticipated success of such a training program.

This research project was sponsored by the Solar Applications Branch of TVA and conducted by the Engineering Experiment Station of the Georgia Institute of Technology. Its purpose was to assess the level of knowledge and interest on the part of fire safety and building officials in the area of wood heater safety and to determine the future training needs of these individuals. The major portion of the information was obtained by telephone to allow maximum expression of ideas and opinions by the survey participants. The survey methodology and results are discussed in more detail in the following sections of this report.

III. PROGRAM METHODOLOGY

The efforts of Georgia Tech in conducting this program can be grouped into four major activities, as follows:

- Identification of sources
- Preparation of survey questionnaire
- Telephone survey
- Analysis of results

Initially, a wide variety of sources were contacted, including persons from national code agencies, state fire marshalls, instructors with state fire academies, and others. Through these contacts, staff members obtained names and addresses of over 200 building officials and 500 fire officials within the TVA region alone. This compilation formed the basis from which survey participants were selected. Included in the list in Appendix A are names and addresses of the sources, all of whom expressed a particular interest in future training efforts.

The survey questionnaire included in Appendix B of this report was developed by staff engineers and was designed to identify areas of weakness or unfamiliarity with various aspects of wood heating installations, and to determine the current level of involvement of the respondents in inspection of residential wood heater installations. The survey form was intended to provide sufficient flexibility to record any miscellaneous comments or information offered by the participant. All canvassing was done via telephone by Georgia Tech personnel. A total of 160 persons were questioned from seven states served by TVA. The size of the sample was large enough to insure that the survey responses had less than a 5% margin of error. A profile of the participants is given in Table 1.

An attempt was made to parallel the sample size within each state to the area of that state encompassed by TVA. Some difficulty was encountered with this procedure, particularly with the building officials, for several reasons. Because the primary reference for building officials was obtained through the Southern Building Code Congress International, no listings were available for Kentucky and Virginia, whose codes are not based on this model code. Also, the land areas within the TVA power service areas of Georgia, Virginia, and North Carolina are very small and primarily rural, with few building code enforcement organizations. Because fire safety and building code regulations and ordinances typically fall within local rather

Table 1

Profile of Survey Participants

Number of Participants

<u>State</u>	<u>Fire Officials</u>	<u>Building Officials</u>	<u>Total</u>	<u>% of Total</u>
Tennessee	25	48	73	46
Mississippi	20	13	33	21
Alabama	17	10	27	17
Georgia	5	--	5	3
Kentucky	15	--	15	9
Virginia	5	--	5	3
N. Carolina	<u>2</u>	<u>--</u>	<u>2</u>	<u>1</u>
TOTAL	89	71	160	100

than state jurisdiction, it is felt that the distribution of the survey sample by state had no effect on the overall validity of the results.

Analysis of the survey results was accomplished through the use of Georgia Tech's Cyber 70 central computer system. A computer program developed by the University of Chicago was utilized. This program, called Statistical Package for the Social Sciences (or SPSS), is a pre-written program providing statistical analysis of various types of data, and is designed to be easily used by persons with little or no experience in programming. The program will compute mean, medium, minimum and maximum values, as well as variance and standard deviation for each group of data input. It will also determine frequency of occurrence and percentages for each item within a data set, and provide a graphical type printout of the value distributions within the set. The program allows segregation and analysis of data according to a wide variety of factors, such as geographical location, job classification, or virtually any other discriminating factor. This program proved to be a valuable tool for analysis of the large amount of information collected in the survey.

IV. SURVEY RESULTS

Probably the most significant result of the telephone survey is the degree of interest in training programs on wood heaters indicated by the survey participants. Ninety-three percent of the respondents indicated that they would like to attend a training program. A similar number (95%) said that a reference manual would also be useful. Many respondents indicated a high degree of interest in the programs described and most were rated as cooperative or very cooperative. Survey results are summarized in Figure 1 on the following page.

Although training programs on wood heating systems are offered periodically by insurance companies, code organizations, wood heater manufacturers, and fire training schools, only a small number (20%) of respondents have been reached by such programs. One point repeatedly mentioned was a concern that the programs be held locally, to minimize labor time lost and travel costs.

Survey Participants

All of the survey respondents can be grouped into one of two broad occupational groups, i.e., fire safety officials or building code officials. The group of participants under the heading of fire safety officials includes a variety of individuals, from chiefs of volunteer fire departments, whose efforts with their departments are completely voluntary, to fire safety inspectors and fire prevention officers of the larger metropolitan fire departments. The majority of these respondents carried the title of fire chief. In most cases, these people have participated in a wide variety of fire training classes and seminars, both at their stations and at various training centers within the region. In fact, over 87% have had some degree of supplemental training in their field. Fire personnel surveyed represent a combined total of 1,760 years of experience, an average of 19.8 years each.

The group of respondents categorized as building code officials are similarly diverse, ranging from the mayor of one small community to city recorders, city engineers, and code officials although the most common job titles were building inspector or building official. These individuals generally acknowledge a lesser degree of specialized training (34% claim some form of outside training). Experience is apparently a more significant factor with this group, as many have come from the construction trades. Building officials surveyed represent a combined total of 604 years of experience, an average of 8.5 years each.

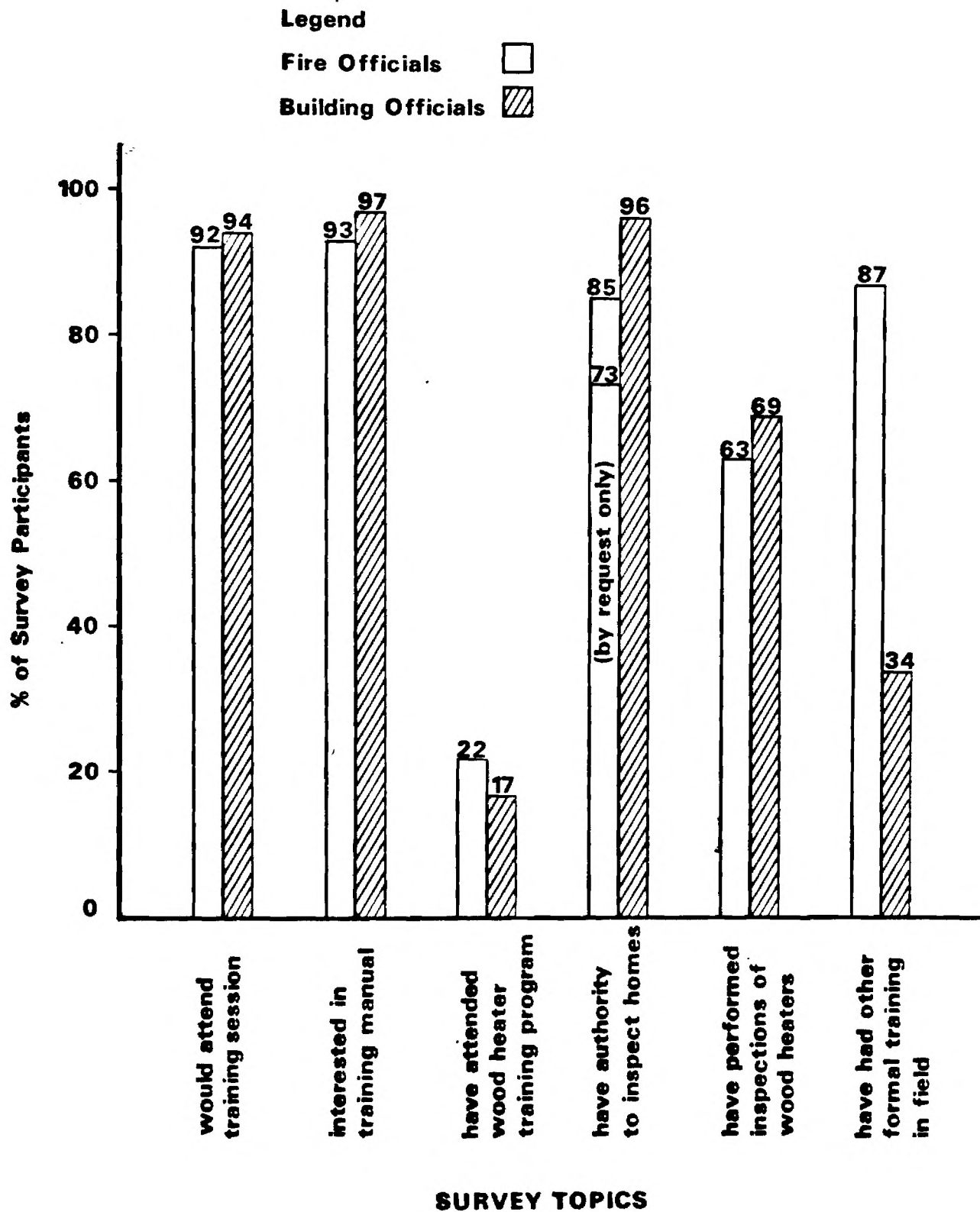


Figure 1 - Results of Telephone Survey

These two groups constitute an outstanding core of individuals to provide technical support to homeowners in the region. These are the people to whom homeowners would normally turn to obtain information and assistance with a wood heater installation. Ninety-six percent of the building inspectors surveyed have authority to inspect single family homes. A total of 85% of the fire officials surveyed have similar authority; however, in most cases (73%) this authority is limited to homeowners requesting inspections only. Sixty-six percent of all respondents indicated that they have in fact made safety inspections of wood heater installations. In some cases, fire prevention officers have conducted educational campaigns in their districts using their own resources.

Needs Identified

In spite of the significant interest expressed in a TVA training program, the survey participants were found to possess a good understanding of the basic requirements of a safe wood heater installation. One very common response, particularly from fire officials, was the fact that many homeowners do not request inspections of their wood heaters until the installation is essentially complete. At this point, a thorough inspection may be difficult or impossible, since much of the construction is often concealed. Many heaters never receive any sort of inspection at all, and in most cases these are the installations that are substandard, either in regard to the installation details or the heater itself. The opinion was expressed that homeowners who are conscientious enough to request an inspection have generally made the effort to ensure a safe installation. For these reasons, a need for dissemination of information to the consumer, in sufficiently clear and graphic form for use by the layman, was commonly expressed. In other words, widespread distribution of material such as TVA and Georgia Tech's booklet entitled "Safe and Warm Wood Heat" was typically felt to have maximum effectiveness in preventing home fires.

Areas of Interest

As part of the survey, respondents were asked to evaluate a list of topics related to wood heater installations and to rate each topic as to its value in a training program. A scale of one to five was selected, with a rating of one being not at all valuable and five being very valuable. The results of this question are depicted graphically in Figure 2. The nine topics analyzed were:

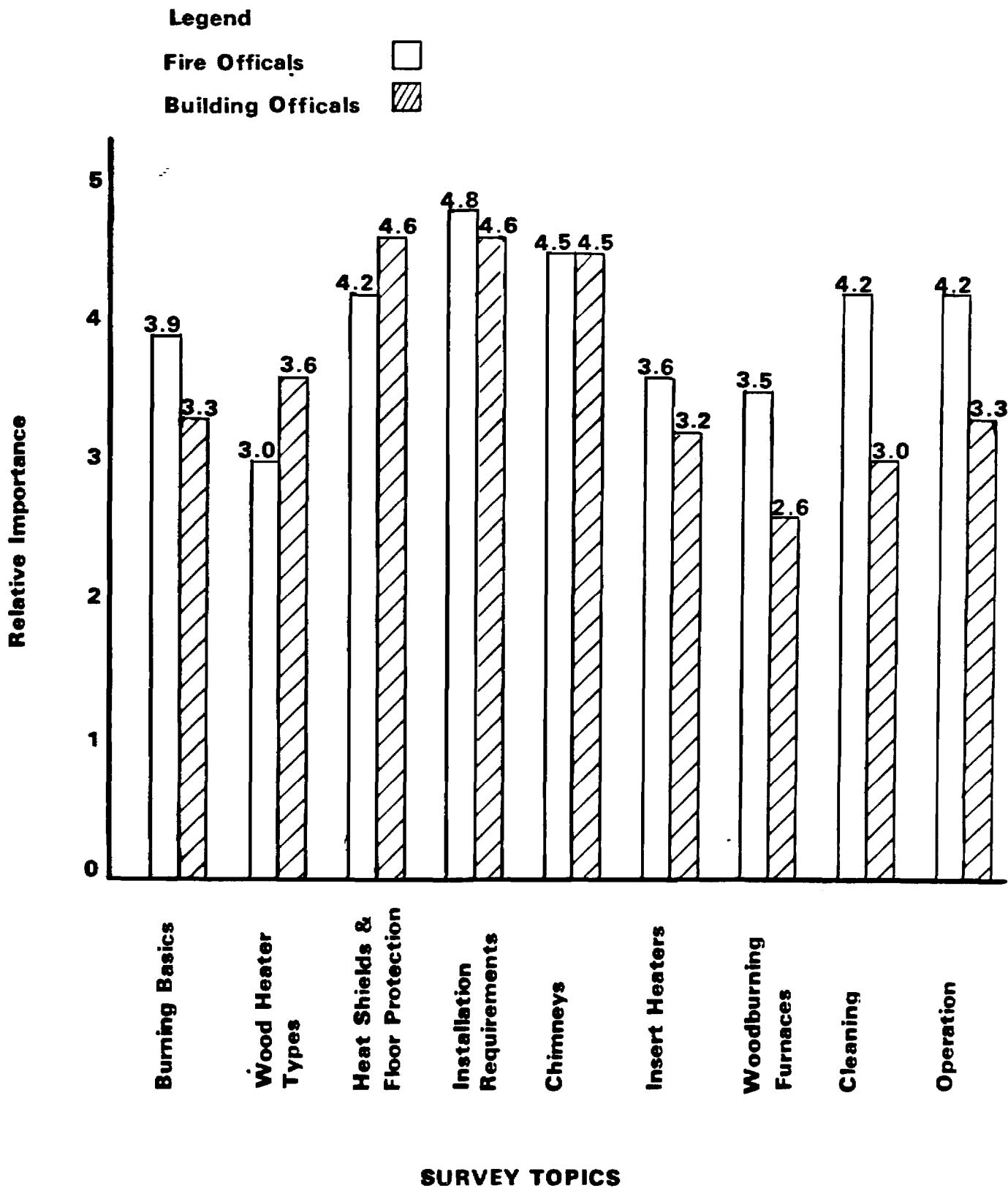


Figure 2 - Importance Ratings of Survey Topics

- Burning basics (combustion fundamentals and creosote formation)
- Wood heater types
- Heat shields and floor protection
- Installation requirements (clearances, flue connectors, etc.)
- Chimneys
- Fireplace inserts
- Central wood burning furnaces
- Operation of wood heaters
- Cleaning of heaters and flues

From Figure 2, it can be seen that all topics were generally considered important; however, the topics of heat shields and floor protection, installation requirements, and chimneys were given the highest ratings by both fire and building officials. This seems to support the commonly held opinion that most problems with wood heaters result from improper installation rather than improper operation or defects in the heaters themselves. Low ratings were given to central wood burning furnaces primarily because their use is not widespread, although several individuals commented that they expected to see more of these units in the future. Since building officials are generally involved in inspection of new installations, they understandably assigned less importance to the functional aspects such as burning basics, cleaning, and heater operation. Fire officials rated each of these topics much higher, as they are more likely to become involved when these areas are not given proper attention.

Miscellaneous Observations

Much insight was gained from discussions with fire officials in the course of the telephone survey. This group has gained valuable real-world experience in the problems that can be caused by wood heating systems. The most common type of call to which they were asked to respond was the chimney fire, and much concern in this area was expressed. One fire chief suggested that a program for fire officials should include training on how to fight chimney fires. Several respondents indicated that they have observed problems with fireplace insert heaters, usually from overheating of the fireplace chamber itself. This was generally felt to be a problem with this type of heater and not from improper installation. Another suggestion was to include case histories of actual fires and the causes.

V. RECOMMENDATIONS FOR FUTURE TRAINING

As indicated previously, a tremendous demand exists for training programs for both fire and building officials. Although the suggestion was often made that homeowners would benefit from this type of training, it would not be practical to attempt to reach such a vast audience. It is unlikely, too, that a significant percentage of homeowners would be willing to invest the time and effort required for a thorough training program. A comprehensive yet uncomplicated booklet, given widespread distribution, would be more likely to satisfy the needs of the individual. This type of publication should be made readily available to homeowners through fire departments and building inspection departments.

General Recommendations

It is recommended that future training programs for fire and building officials be no more than one day (eight hours) in length. This is felt to be the maximum amount of time that these people could take out from their regular duties. Also apparent was a general concern that the training sessions be held within a reasonable distance of the respondent's home, usually within 50 to 60 miles, to minimize travel time and expense. This would necessitate a larger number of programs directed at smaller audiences. Supporting this conclusion is the general impression obtained by the surveyors that a greater number of wood heater installations and wood heat related fires have occurred in rural areas than in urban areas. This is felt to be a result of better awareness of wood heater safety and more stringent code requirements in urban areas, and the lesser availability of low cost natural gas in rural areas.

A wide variety of training materials have been developed in recent years by insurance companies, agricultural extension services, universities, fire prevention organizations, private companies, and others. Many of these materials, including brochures, slide/tape shows, and movies, might prove to be useful aids in future training efforts. A number of sources were discovered in the course of the research activity. It is recommended that a thorough review of the content of these materials be completed before any future training programs are finalized. A list of materials is included in Appendix C of this report.

Training Manual

A comprehensive training manual is recommended for use by both building and fire officials, to provide support for the training effort and to serve as a future reference. The manual should be technical in nature, with thorough coverage of each of the following topics.

- Combustion of Solid Fuels
- Clearances and Floor Protection
- Chimneys and Vent Connectors
- Fireplace Inserts
- Central Woodburning Furnaces
- Safe Operation of Wood Heaters
- Summary of Applicable Codes and Code Requirements
- Legal Aspects

Training Programs

According to the survey results, training programs for fire and building officials should be similar, but with differences in emphasis on the various topics covered in the training manual as mentioned previously. Programs for building officials and fire officials should ideally be segregated; however, this segregation may not always be possible, particularly in rural areas where there is often only one building inspector for an entire county.

Because of the high level of interest indicated by fire officials in all of the survey topics, training for this group should be all encompassing, with each of the previously mentioned topics covered in as much detail as possible. In addition, some direction should be given for development of an effective fire prevention program related to wood heating. Another possible topic of interest to this group would be the proper way to handle chimney fires.

In contrast to the above, training for building officials should concentrate on installation details and code requirements. Other aspects of wood heating (combustion, operation and cleaning) should be covered only as they relate to building code requirements. When both fire and building officials will be in attendance, the more detailed and extensive program proposed for fire personnel should be followed. Either group would benefit from a brief discussion of the legal aspects and potential

liabilities involved in making inspections of wood heater installations. Appendix D gives a listing of all persons contacted during the survey, so that they may receive notice of future training opportunities.

Appendix A

List of Sources and Interested Persons

Sources/Interested Persons

Mr. Bill Manning
Southern Building Code Congress International, Inc.
900 Montclair Rd.
Birmingham, Alabama 35213

Mr. Jim Munger - Deputy State Fire Marshal
State of Alabama - Department of Insurance
Fire Marshal's Office
Montgomery, Alabama 36104
205/269-7676

Mr. W. W. Smith - Chief of Training
Alabama State Fire College
2015 McFarland Boulevard, East
Tuscaloosa, Alabama 35405
205/348-6241

Mr. Dick Gecoma
Governmental Training
Georgia Center for Continuing Education
University of Georgia
Athens, Georgia 30602
404/542-1328

Mr. George M. Lanier - Fire Marshal
Bureau of Fire Prevention
Rome Fire Department
City Hall
601 Broad St.
Rome, Georgia 30161
404/291-4226

Captain R. W. Wright - Fire Investigator
(President - Georgia Fire Inspector's Association)
Fulton County Fire Department
183 Central Ave., S.W.
Atlanta, Georgia 30303

Mr. Harold Thompson - Superintendent
Georgia Fire Academy
534 Clay St.
Marietta, Georgia 30060
404/424-7315

Mr. Bob Gore, Jr. - State Fire Marshal
State Fire Marshal's Office
7 Martin Luther King, Jr. Boulevard
Atlanta, Georgia 30334

Mr. Roy B. West
Celluwest
P. O. Box 1979
Thomasville, Georgia 31792
912/228-4787

Mr. Jack Jacobs
Georgia Department of Community Affairs
32 Peachtree St., N.W.
Suite 600
Atlanta, Georgia 30303

Mr. Clyde Hightower - Manager
The Atlanta Stove Works, Inc.
P. O. Box 5254, Station E
Atlanta, Georgia 30307

Mr. Jim Klosterman
State Fire Marshal's Office
Commonwealth of Kentucky
Department of Housing, Buildings and Construction
Frankfort, Kentucky 40601
502/564-3626

Mr. John A. Chamblee - Chief Deputy Fire Marshal
State of Mississippi Department of Insurance
Office of the Fire Marshal
Mobile Home Inspection Division
P. O. Box 22542
Jackson, Mississippi 39205

Mr. Richard C. Allison - Extension Forest Resources Specialist
North Carolina State University
Agricultural Extension Service
Extension Forest Resources
Box 5488
Raleigh, North Carolina 27650
919/737-3386

Mr. Lewis Baker
Tennessee State Fire School
1303 Old Fort Parkway
Murfreesboro, Tennessee 37130
615/893-4095

Commonwealth of Virginia
Department of Housing and Community Development
Office of Uniform Building Code
Fourth Street Office Building
205 N. Fourth St.
Richmond, Virginia 23219

Mr. James C. Kelly, Jr. - Director
Commonwealth of Virginia
Fire Service Training
P. O. Box 706
Ashland, Virginia 23005

Appendix B
Telephone Survey Form

Hello, my name is _____ and I'm a researcher at Georgia Tech. I'm trying to gather some information and I'd appreciate it if you could help me out.

More and more people are putting in wood stoves and we think this might cause problems for local safety inspectors. TVA wants to help out by providing training sessions and reference books that cover codes and safety standards for wood heaters. If you could answer a few questions it would be a big help when we put together the training materials.

Name _____ Phone Number _____

Job Title: _____ Location _____

Building Inspector _____

Fire Chief _____

Other _____

How many years have you been doing this? _____

Are there any schools or classes for your job or did you learn it by experience?

(What school and where?) _____

How big an area are you responsible for?

Does your office ever inspect single family homes?

Have you ever had requests to inspect a wood stove installation?

Have you ever inspected any? _____

About how many? _____

Have you ever been to a class on wood heater installation safety?

Would you like to go to one? _____

Would a reference book be useful? _____

What are the codes enforced in your area? _____

What about:

NFPA _____ (National Fire Protection Association)

SBCCI _____ (Southern Building Codes Congress International)

Other _____

I'm going to list some topics and I'd appreciate it if you could tell me how valuable they would be using a scale of one to five with five being very valuable and 1 being not at all valuable.

Burning basics _____

Wood Stove types _____

Heat shields and floor protection _____

Installation requirements _____

Chimneys _____

Fireplace inserts _____

Furnaces _____

Operation of wood heaters _____

Cleaning _____

Other (specify) _____

General Comments:

Attitude of Respondent:

Appendix C

Bibliography of Reference Materials

North Carolina State University
Agricultural Extension Service
Extension Forest Resources
Box 5488
Raleigh, North Carolina 27650
919/737-3386

- "Wood Stove Installation and Safety"(HE 214-2) - brochure
- "Selecting a Woodstove"(HE 214-6) - brochure
- "Woodstove Efficiency"(HE 214-7) - brochure
- "Fireplaces and Fireplace Accessories (HE 214-14) - brochure
- "Firewood - Measurement and Heat Content (HE 241-23) - brochure
- "Wood as an Industrial Fuel"(AG 171) - brochure

North Carolina State University
Agricultural Extension Service
Visual Aids Film Library
Box 5037
Raleigh, North Carolina 27650

Available on loan to in-state residents for \$2.00:

- "Chain Saw Safety" - slide/tape/script - 20 minutes
- "Helping Make It Safe" - slide/tape/script - 4 units - 1 hr./unit
 - Unit 1 - "Back to Basics" - Principles of wood burning and heat transfer
 - Unit 2 - "Where There's Smoke" - Understanding creosote
 - Unit 3 - "This Way Out" - Chimneys and flue pipes
 - Unit 4 - "The Hot Stove League" - Wood heater installation
- "Home Heating with Wood" - slide/tape/script - 25 minutes
- "Home Heating with Wood" - 16 mm color film with sound - 23 minutes
- "Pitfalls in Heating with Wood" - slide/tape - 20 minutes
- "Wood, an Energy Source for Today" - slide/tape/script - 25 minutes

Cooperative Extension Service
University of Wisconsin
Madison, Wisconsin 53706

"Locating, Cutting and Gathering Wood" - Publication G2873

"Safety and Wood Heating Systems" - Publication G2936

"Wood as Fuel" - Publication G2874

"Wood Burners and Chimney" - Publication G2875

State Farm Insurance Co.
Bloomington, Illinois

"Enjoying Your Wood Burning Stove - The Safe Way" - 2-fold pamphlet

Montana-Alberta Chapter of Fire Instructors
2100 16th Avenue South
Great Falls, Montana 59405
406/761-7885

Media kits including:

"Wood Heating Installation and Safety" - Manual

"Warm Up to Wood - Safely" - brochure

"Wood Heat Safety" - Jay W. Shelton

Various TV spots on 16 mm film or video tape, from 10 to 30 seconds

Wood Heating Alliance
1101 Connecticut Ave., N.W.
Washington, D. C. 20036
202/857-1181

"Helping Make It Safe" - slide/tape program

"Burning Questions" - slide/tape program

Northwest Fire Education Consultants
P. O. Box 61
Spokane, Washington 99210
509/747-2258

"Wood Heater Installation and Safety" - 16 mm film or video tape - 26 minutes
- 18 page booklet by same name - slide programs also available (80 or 140
slide)

Smokey Mountain Enterprises
Asheville, North Carolina
704/258-8248

Manufacturers of Buck Stoves - Conduct training programs on wood heater
installation

Stuart E. Murphy Publishing
Box 12, Grantham Road
West Springfield, New Hampshire 03284

"Pitfalls in Heating with Wood" - slide/tape - 25 minutes - \$65 - take home folder also available

Channing L. Bete Co., Inc.
200 State Road
South Deerfield, Ma. 01373
413/665-7611

"About Wood Stove Safety" - 15 page booklet

Mississippi Farm Bureau
Safety Department
Box 1972
Jackson, Mississippi 39205

"Wood Heater Safety" - brochure

"Burning Wood" - brochure - 75 cents

Cooperative Extension Service
Mississippi State University
Mississippi State, Mississippi 39762

"Wood Heat" - Publication 1215 - 20 page booklet

"Chain Saw Safety" - Publication 1014

"Economics and Use of Firewood for Home Heating" - Publication 1134

"Fireplaces, Friend or Foe" - Publication 1078

Northeast Regional Agricultural Engineering Service
Riley-Robb Hall
Cornell University
Ithaca, New York 14853

"Burning Wood" - Publication NE-191

"Heating with Wood"

U. S. Department of Energy
Washington, D. C. 20585

"Heating with Wood" - booklet

Appendix D

List of Survey Respondents

Fire Officials

Alabama

Lonnie Webb
Scottsboro
205/574-2617

James O. Embry
Rogersville 35652
205/247-3401

P. C. Hill
Hurtsell 35640
205/773-2544

Odel Murray
Sheffield
205/383-8206

Walter Cooley
Arab
205/586-8124

Dean Lesley
Muscle Shoals
205/383-1755

M. L. Leath
Fort Payne
205/845-6250

John M. Rollings
Albertville
205/878-3705

Wilson Craig
Athens
205/233-2220

Harold E. Moore
Guntersville
205/582-4106

Roy Freeman
Cullman
205/734-6272

Harlon Hutchinson
Russellville
205/332-5580

Andre Hodges
Florence
205/764-7271

Mr. Bryant
P. O. Box 308
Huntsville 35801
205/532-7401

Ted Holland
Decatur
205/353-5783

Harold McKee
Tuscumbia
205/383-5757

Lyndon Blaxton
Moulton 35650
205/974-0279

Georgia

Jim Muffet
LaFayette
404/638-5866

Sonny Cannon
Clayton
404/782-3334

James Watkins
Chatsworth
404/695-2222

Ferrell Grizzle
Calhoun
404/629-4204

Larry Johnson
Dalton
404/278-7363

Kentucky

Larry Threlkeld
Elkton
502/265-5124

Jackie Cooper
Murray
502/753-1688

Charles Landrum
Tompkinsville
502/487-6191

Robert Trenholm
P. O. Box 612
Murray 42071
Calloway City
502/753-4112

Ronald Givens
Morganton
502/526-3722

Hoyt Miller
Bowling Green
502/781-9702

Bobby Blair
Barren River
502/842-8038

Kenneth Rowland
Bandwell
502/628-3463

Macon Given
Auburn
502-542-4149

Paul Myers
Adairville
502-539-7571

Jim Catlett
1135 W. Jefferson
Louisville, 40203
502/587-3701

Kenneth Pace
Glasgow
502/651-5170

Roy T. Lynne
Russellville
502/726-3535

Wallace Walker
Hopkinsville
502/886-2655

Regil Hobby
Princeton
502/365-2022

Mississippi

Earl Frye
P. O. Box 174
Amory 38821
601/256-8383

Caradine Young
P. O. Box 1117
West Point 39773
601/494-1531

Daryl Thompson
Louisville
601/773-9402

Peary Rose
Starkville
601/323-2962

Bisha Ozbirn
Baldwyn
601/365-2323

Harold Holley
Belmont
601/454-3311

Travis Smith
Walnut
601/223-4045

Eddie Gordy
Ripley
601/837-4834

Frank Fleming
Booneville
601/728-4091

Joe Fant
Holly Springs
601/252-2521

Paul Patterson
Senatobia 38668
601/562-5631

James Young
P. O. Box 352
Corinth 38834
601/286-2213

Jerry Long
New Albany
601/534-4711

Terry McDonald
P. O. Box 863
Oxford 38655
601/236-1310

Hugh Mann
Columbus
601/328-7521

Jim Bedford
601 W. Jefferson St.
Tupelo 38801
601/842-1112

John A. Chamblee
Jackson
601/354-6304

Virgil Pate
Fulton
601/862-9004

Buford Easter
Aberdeen
601/369-2011

Curdos Carnes
Pontotoc
601/489-7805

North Carolina

Alonzo Sludder
Rt. 2 Box 75A
Newland 28657
704/733-0112

Boyd Biggerstaff
Linville
704/733-2188

Tennessee

Henry Black
Morristown
615/581-0100

Roger Butler
Newport
615/623-8602

Clifford Freeman
279 Joule St.
Alcoa 37701
615/970-2555

David May
Cleveland
615/476-6713

Larry Whitely
Kingsport
615/245-2411

George Trimmer
Humbolt
901/784-2654

S. V. Nelson
Bristol
615/764-1021

Ralph Hamly
Johnson City
615/928-8171

Ralph McMahan
Oak Ridge
615/483-5671

Carmacle Scot
Lewisburg
615/359-4595

Winfred George
McMinnville
615/473-2122

Bobby Swann
Murfreesboro
615/893-1422

Robert Strobe
Fayetteville
615/433-7829

Jack Stafford
416 Russell St.
Nashville
615/259-5341

Wayne Hickman
Columbia
615/388-8209

Finis Gray
Clarkesville
615/647-8031

J. E. Cooper
Gallatin
615/452-2771

Homer Haley, Jr.
Springfield
615/384-3220

V. W. Culberson
Franklin
615/794-6420

Norman Simbeck
Lawrenceburg
615/762-9046

David Rollins
Dickson
615/446-6331

John McClure
Davis
901/642-1413

Mr. Randolph
Jackson
901/422-1631

Dale Burress
Union City
901/885-4851

Billy Taylor
Dyersburg
901/285-1491

Virginia

Randy Cassell
Gate City
703/386-3232

Herman McCormick
Abingdon
703/628-2361

Walter Quinley
Penington Gap
703/546-3041

Bill Branham
Norton
703/679-1160

Charles Snyder
Marion
703/783-8144; 4500

Building Officials

Alabama

J. W. Thompson
Albertville
205/878-0431

Kenneth McAfee
Florence
205/764-7271

T. V. Tanner
Decatur
205/355-7410

C. D. Howard
Huntsvell
205/532-7000

H. A. Alexander
Moulton
205/974-5191

W. L. Patterson
Scottsboro
205/574-3100

Robert Coggin
Athens
205/233-2220

Buba Roberts
Russelville
205/298-2591

Robert Powell
Tuscumbia
205/381-3570

Nowell Hamilton
Cherokee
205/359-7000

Mississippi

J. D. Halloway
Columbus
601/328-3463

Ralph Murley
Corinth
601/286-6644

Frank C. Young
Louisville
601/773-9201

Richard Wright
Fulton
601/862-2735

Henry L. Jenkins
Oxford
601/236-1310

Jimmy Smith
Batesville
601/563-4636

Charles Cook
Carthage
601/267-9651

A. A. Mills
Forest
601/469-2961

Larry Bell
Starkville
601/323-8012

Sheldon Bowen
Aberdeen
601/369-6369

Bob Farrar
West Point
601/494-6601

Rolly Duvall
Amory
601/256-3060

J. W. Curtis
Hernando
601/368-5011

Tennessee

David Buck
Alcoa
615/982-4190

Ray Hudgens
East Ridge
615/867-7711

V. R. Nidiffer
Elizabethton
615/543-3551

W. H. Pointer
Algood
615/537-9545

Melvin L. Barker
Athens
615/745-3140

Jack Wilkinson
Chattanooga
615/757-5123

R. W. Elliott
Church Hill
615/357-6161

Mack Pillow
Humboldt
901/784-2511

Lloyd Phillips
Crossville
615/484-7060

Don Tankersly
Bristol
615/968-9141

J. E. Lewis
Dyersburg
901/285-2642

Eddie Fuller
Lewisburg
615/359-1544

J. H. Cooper
Clinton
615/457-0424

Joe Trentham
Covington
901/476-7937

Thomas Harlan
Brentwood
615/373-3011

Dibrell Anderson
Cookeville
615/526-9591

Buford Reed
Dickson
615/446-5101

Gary Luffman
Franklin
615/794-7012

Jack Arthur
Gatlinburg
615/436-7803

Horace Thompson
Fayetteville
615/433-6154

Fred Grills
Kingsport
615/245-5131

Clyde Jobe
Hamilton County
615/757-2181

R. L. Walker
Hendersonville
615/822-1000

Leonard Eliee
Jackson
901/424-3440

Bob Kinder
Jefferson City
615/475-4363

Joe Cannon
Johnson City
615/929-9171

Rollie Price
Lawrenceburg
615/762-4459

Malcolm Bourds
McMinnville
615/473-6691

N. B. Williams
Martin
901/587-3126

Carl G. Sawyer
Clarksville
615/647-1553

Graham Raley
Cleveland
615/479-1913

Paul Pickle
Columbia
615/388-5403

W. D. Smith
Greeneville
615/639-7105

Don Campbell
Newbern
901/627-3221

Marion Pointer
Norris
615/494-0351

Timothy Ward
Oak Ridge
615/483-5671

Garlan Harmon
Pigeon Force
615/453-9061

Joe Washington
Signal Mountain
615/886-2387

Charles Reams
South Fulton
901/479-2151

Ira Hoffman
Berry Hill
615/292-5531

Jim Silcox
Dayton
615/775-1818

Jim Hamlett
Farragut
615/966-7057

G. A. Rayburn
Kingston
615/376-6208

Frank Homeyer
Mt. Juliet
615/255-8711

Alex Edward
Gleason
901/648-5426

Art Garrett
Springfield
615/254-8234

J. R. North
Sweetwater
615/337-6979