

VIRGINIA FIRE SERVICES BOARD

**Live Structure Committee
Thursday, February 21, 2019**

The Virginia Fire Services Board Live Structure Committee meeting was held Virginia Beach during the Virginia Fire and Rescue Conference on Thursday, February 21, 2019. Chairman Lee Day was not able to attend. The Virginia Fire Services Board Chair, Walter Bailey served as chair

COMMITTEE MEMBERS PRESENT

H. Lee Day – Chair - Virginia Fire Services Council
Stephanie Koren – Association of Counties
David C. Hankley – Virginia Municipal League
James, Stokely, Insurance Industry

COMMITTEE MEMBERS ABSENT

Sean P. Farrell –Virginia Board of Housing & Community Development
Bettie Reeves-Nobles, General Public

BOARD MEMBERS PRESENT

Ernie Little – Fire Prevention Association
James D. Poindexter – Virginia Professional Firefighters Association
James A. Calvert – Industry (SARA Title III & OSHA) Representative
David C. Hankley – Virginia Municipal League
Jeff Bailey - VA Chapter of the International Society of Fire Service Instructors
James Stokely – Insurance Industry

AGENCY MEMBERS PRESENT

Brook Pittinger	Mohamed Abbamin	Briant Atkins
Theresa Hunter	Mike Reilly	
John Fugman		

GUESTS PRESENT

Michael A. Matthews	JD Orndorff
Jim Forgo	Patrick Meeks
Jim Eicholtz	Nelson Stewart
Nathan Ramsey	Richard Constantino
Richard Constantino	Roger Gatewood
Roger Gatewood	Jerome I. Williams
Jerome I. Williams	Daniel Gray
Daniel Gray	Aron Corwin
Aron Corwin	

CHANGES IN THE AGENDA

UNFINISHED BUSINESS

NEW BUSINESS

- A. Live Structure Committee Policy – addition
- B. VFIRS Applications *(See Electronic Board Book)*
- C. Extensions *(See Electronic Board Book)*
 - i. County of Rockbridge
 - ii. Prince George County
- D. Change of Prototype *(See Electronic Board Book)*
 - i. County of Fluvanna (Change from Prototype 2 Class B to Prototype 2 Class A)
- E. Project Manual Updates *(See Electronic Board Book)*
 - i. What: Modify the Program Criteria section of the Summary of Burn Building Prop Grant Program within the VDFP Project Manual. Additional items were to be added so the proposed burn props can be specified to be constructed as an “or” based on the VDFP Program Criteria. (See Electronic Board Book).

PUBLIC COMMENTS

There were no public comments made.

COMMENTS FROM THE COMMITTEE CHAIR

Bettie Reeves-Nobles thanked everyone for their attendance. She opened the floor for discussion.

UNFINISHED BUSINESS

No unfinished business.

NEW BUSINESS

Topic: Live Structure Committee Policy – addition

Motion: Any locality that does not participate in year five burn building inspection provided by VDFP or fails to provide an inspection report from an approved, licensed engineering firm will not receive and be eligible to receive VDFP funds. This will result in the loss of NFPA1403 certification, rendering the building unusable for VDFP Training.

Topic Discussion: The discussion revolved around the Live Structure Policy and the lack of clarity on the consequences involving non-participation in the five-year mandatory inspection (comprehensive audit).

- **Issue:** If localities opt out of the five-year plan as provided by DFP and are unable to provide a comparable inspection, should they still receive funding for renovation etc?
- **Current Language:** The current language cites; “Funding decisions will be based on available funding, inspection compliance and circumstances surrounding a specific request.” Additionally, the current policy further adds that as “general practice request will be placed into one of three categories: Compliant, Semi-Compliant, Non-Compliant.”

Agency staff will update the policy to explicitly articulate the consequences of failing to conduct the fifth year inspection or providing a comparable inspection.

Vote: Unanimous

Motion Action: Present it to the full board meeting on Friday, February 22, 2019.

Topic: Extensions – Rockbridge County

Motion: Motion to grant Rockbridge County no cost one-year extension.

Topic Discussion: County of Rockbridge requested an extension. Committee granted it.

Vote: Unanimous

Motion Action: Present it to the full board meeting on Friday, February 22, 2019.

Enclosure 1

Topic: Extensions – Prince George County

Motion: Motion to grant Prince George County a no cost one-year extension.

Topic Discussion: Prince George County would like an additional one-year extension. Committee granted it.

Vote: Unanimous

Motion Action: Present it to the full board meeting on Friday, February 22, 2019.

Enclosure 2

Topic: Change of Prototype

Motion: N/A

Topic Discussion: County of Fluvanna representatives requested to pursue a change in their Prototype 2 Class B to Prototype 2 Class A). The committee members agreed additional information was needed, specifically from an A/E firm which can be evaluated by the Agency's A/E Firm (The Structure Group).

Reilly: Director Reilly recommends asking the locality to submit its plans to VDFP so that the A/E firm can review it. The locality will submit the information and seek an extension at the June board meeting.

Vote: N/A

Motion Action: N/A

Enclosure 3

Topic: Project Manual Updates

Motion: Accept the recommendations provided by TSG in regards to enhancing the Project Manual.

Topic Discussion: Modify the Program Criteria section of the Summary of Burn Building Prop Grant Program within the VDFP Project Manual. Additional items were to be added so the proposed burn props can be specified to be constructed as an "or" based on the VDFP Program Criteria.

At the conclusion of the meeting at The Structure Group on Wednesday, October 24, 2018 - TSG were tasked to provide a list of items that needed to be included in the "Program Criteria" section within the Summary of Burn Building Prop Grant Program in the VDFP Project Manual. These additional items were to be added so the proposed burn props can be specified to be constructed as an "or" based on the VDFP Program Criteria. Moreover, change the reference from "outline/performance specifications" to the title of the referenced section, "Program Criteria." See below details from TSG's recommendation;

Based on the review of the VDFP Project Manual and the sample VDFP Prototype drawings, TSG feels the following items should be added to the list:

- 40.** Exterior rollover thermal protection along the jambs and headers of window and door openings leading into burn rooms.
- 41.** Interior thermal protection along the underside of the ceiling above burn rooms.
- 42.** Interior thermal protection along the vertical surfaces of burn rooms.

- 43. Interior rollover thermal protection along the jambs and headers of interior door openings leading into burn rooms.
- 44. Interior thermal protection along the floor surface throughout burn rooms.
- 45. Temperature monitoring devices in each burn room.
- 46. Temperature monitoring devices integrated into a central data recorder to record maximum spike and sustained temperatures during each live fire training evolution.
- 47. Minimum flat and sloped roofs used for training, floors, and stairs designed with a minimum 100psf live load.
- 48. Minimum lateral loads, including wind, seismic, and flood loads, designed in accordance with site-specific criteria.

Vote: Unanimous

Motion Action: Present it to the full board meeting on Friday, February 22, 2019.

Enclosure 4

Topic: Review of NFPA 1403 Compliance during Training or Training Site

Motion: N/A

Topic Discussion: Committee recommends forming a workgroup that will review NFPA 1403 compliance during training or on training site.

Vote: N/A

Motion Action: N/A

ADJOURNMENT

The subcommittee adjourned at 3:53 PM.

Clerk of the Committee

REVIEWED BY:



Brook Pittinger
Deputy Executive Director

Thursday, February 21, 2019
Date

Enclosure 1 – Rockbridge Extension
Enclosure 2 – Prince George Extension

Enclosure 3 – Fluvanna Change of Prototype
Enclosure 4 – TSG Burn Building Manual Updates



County of Rockbridge
Office of Fire-Rescue & Emergency Management
100 Baner Buena Vista, Virginia 24450
Office: (540) 572-4213

September 16, 2018

Virginia Department Fire Programs
1005 Technology Drive
Glenn Allen Virginia, 23059

RE: Burn Building Grant

Dear Grants and Budget Manager,

Rockbridge County Fire-Rescue applied for and was approved for a grant totaling \$445,204 to renovate the existing burn building located at 11 Vista Links Drive Buena Vista. Once approved, a maintenance agreement had to be drafted and approved between the Rockbridge County Board of Supervisors and the Buena Vista City Council outlining the owner versus grantee responsibilities. This process took up the first quarter of the grant cycle. The maintenance agreement has been approved by both jurisdictions, originals of the signed Department of Fire Programs grant agreements have been mailed to your office for final signatures. Due to the time frame of the renovation grant cycle, Rockbridge County Fire-Rescue would like to ask for a no cost one-year extension on the approved renovation project. We appreciate the consideration you will give to our jurisdiction.

Respectfully,

Nathan Ramsey
Fire-Rescue Chief
Rockbridge County



Training

Prince George Fire and EMS
P. O. BOX 68, 6602 COURTS DRIVE
PRINCE GEORGE, VIRGINIA 23875
(804) 722-8614 FAX (804) 733-2769

January 24, 2019

Theresa Hunter
Budget and Grants Manager
Virginia Department of Fire Programs
1005 Technology Park Drive
Glen Allen, VA 23059

Ms. Hunter:

On behalf of Director Owens, I am requesting a one year no cost extension to our Burn Building Grant process. We were informed by your office that several items needed to be fixed in our information that went out during our recent bid process. We will be working with you as well as the engineer firm to insure that those corrections are made, so that we can re-advertise in the near future. I would like to thank you and the board for your patience and understanding as we work through this process.

Respectfully,

Donald "Ray" Blake III



COUNTY OF FLUVANNA

"Responsive & Responsible Government"

132 Main Street
P.O. Box 540
Palmyra, VA 22963
(434) 591-1910
Fax (434) 591-1911
www.fluvannacounty.org

November 2, 2018

Virginia Department of Fire Programs

Attn: Burn Building Grant Administration

Dear Ms. Theresa Hunter;

This letter is to request a change to our grant application for a fire training burn building.

The Fluvanna County grant application for the construction of a fire training burn building indicated a Prototype II, Class B fueled building. This letter is to request a change to a Prototype II, Class A fueled building.

I appreciate your assistance with this request and if you require more information please get back in contact.

Respectfully,

Benjamin Powell
Project Manager

CC: Steve Nichols, Fluvanna County Administrator

John Lye, Fluvanna County Fire and Rescue President

Date: Wed, Oct 31, 2018 at 3:49 PM

Hey Teresa,

At the conclusion of our meeting at TSG on Wednesday, October 24th, 2018, we were to provide you a list of items that needed to be included in the "Program Criteria" section of the Summary of Burn Building Prop Grant Program within the VDFP Project Manual. These additional items were to be added so the proposed burn props can be specified to be constructed as an "or" based on the VDFP Program Criteria. Please also change the reference from "outline/performance specifications" to the title of the referenced section, "Program Criteria".

Based on our review of the VDFP Project Manual and the sample VDFP Prototype drawings, we feel the following items should be added to the list:

40. Exterior rollover thermal protection along the jambs and headers of window and door openings leading into burn rooms.

41. Interior thermal protection along the underside of the ceiling above burn rooms.

42. Interior thermal protection along the vertical surfaces of burn rooms.

43. Interior rollover thermal protection along the jambs and headers of interior door openings leading into burn rooms.

44. Interior thermal protection along the floor surface throughout burn rooms.

45. Temperature monitoring devices in each burn room.

46. Temperature monitoring devices integrated into a central data recorder to record maximum spike and sustained temperatures during each live fire training evolution.

47. Minimum flat and sloped roofs used for training, floors, and stairs designed with a minimum 100psf live load.

48. Minimum lateral loads, including wind, seismic, and flood loads, designed in accordance with site specific criteria.

Let us know if you have any further questions or concerns.

Thanks,

Michael A. Matthews, PE
President / CEO

The Structures Group, Inc.

1200 Old Colony Ln. - Williamsburg, VA 23185
(757)220-0465 - www.TheStructuresGroup.com

Virginia Fire Services Board

L5

MOTION

①

Committee (check one): Fire Education & Training Fire Prevention & Control
 Finance Administration & Policy Virginia Fire Services Board

Date: 2/21/19 Live Structure Fire

Motion made by: Committee or name: Darius Hankley

Second (if required): Stephanie Korman

Signature of presenter of motion: [Signature]

MOTION TO:
Amend to READ AS PRESENTED BY
TSG Rep.

Amended: (y/n)

Motion Carried: <input checked="" type="checkbox"/>	Vote: Unanimous: <input checked="" type="checkbox"/>
Motion Failed: <input type="checkbox"/>	Majority: <input type="checkbox"/>
	Abstentions: <input type="checkbox"/>

Virginia Fire Services Board

MOTION

Committee (check one): Fire Education & Training Fire Prevention & Control
 Finance Administration & Policy Virginia Fire Services Board

Date: 2/21/19 Live Structure Committee

Motion made by: Committee or name: David Hankley

Second (if required): James Spockley

Signature of presenter of motion: 

MOTION TO:

Any locality that does not participate in the year
5 burn building inspection provided by VDFP or
provide an inspection report from an
approved, licensed engineering firm, will not
receive and are not eligible to receive
VDEA grants. This will result in loss of 1403
certification rendering the building unuseable
for VDEA training.

Amended: (y/n)

Motion Carried: <u>✓</u>	Vote: Unanimous: <u>✓</u>
Motion Failed: _____	Majority: _____
	Abstentions: _____

Virginia Fire Services Board

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MOTION

Committee (check one): Fire Education & Training Fire Prevention & Control
 Finance Administration & Policy Virginia Fire Services Board

Date: 2/21/19 Live structure fire

Motion made by: Committee or name: David Henkey

Second (if required): Stephen Kane

Signature of presenter of motion: _____

MOTION TO:

Extend both Prince George & Foxbridge Centers
Burn Bully Construction - No Cost

Amended: (y/n)

Motion Carried: <input checked="" type="checkbox"/>	Vote: Unanimous: <input checked="" type="checkbox"/>
Motion Failed: <input type="checkbox"/>	Majority: <input type="checkbox"/>
	Abstentions: <input type="checkbox"/>