

Wildland Fire Management

National Park Service
U.S. Department of the Interior
Division of Fire and Aviation



Sperry Chalet Facilitated Learning Analysis Corrective Action Plan

The purpose of this Corrective Action Plan is to address the recommendations contained within the Sperry Chalet Facilitated Learning Analysis (FLA). "Responsible Party" in Column 1 identifies the lead position or authority to address the action items, which are found in Column 4 labeled "Topic." Action items in column 3 are grouped under six main "Themes." The "Begin By Date" in Column 2 represents an initial start point for work on the action items. Numbers in parentheses found in columns 1 and 2 refer to the numbers of the topics.

Responsible Party	Begin By Date	Theme	Topic
NPS Director via 2018 Leader's Intent for 2018 Fire Year Memorandum (1,2)	May, 2018	Messaging on the protection of values at risk from wildfires	<ol style="list-style-type: none"> 1. Through messaging and communication plans, park staff and the public will be informed that despite the best efforts of firefighters, not all values at risk can be saved. Communicate what can be achieved safely and effectively with regards to using shelter wrap and communicate this appropriately to the public. Structure protection means that firefighters take appropriate measures, such as actively managing forests and reducing fuels adjacent to structures, safely wrapping the areas of structures where it will be effective, and realize that sometimes it means accepting unavoidable vulnerability, especially when highly flammable structures are situated in dangerous topographic settings. 2. Messaging about wildfires within national parks should provide information to the public and to park residents about Firewise practices, active forest and fuels management, and International Code Council (ICC) standards.
NPS Branch of Wildland Fire (3, 4,); NPS Units (5); NWCG Operations and Training Committee (6)	May, 2018	Training on defense of NPS structures from wildfires	<ol style="list-style-type: none"> 3. Target specific NPS wildland firefighters to receive training in structure fall protection to supplement S-215 training. Focus for this training should be for parks with remote, high-risk historic structures. 4. NPS will pursue enhanced training for wildland firefighters, especially wildland fire modules, assigned to protect structures from wildfires. Enhanced training should include, but not be limited to: active forest management, hazard fuel load reduction, effective structure wrapping, implementing water systems, and collapse zones. NPS Fire Leadership will emphasize to NPS wildland firefighters under no circumstance should one enter a burning building without proper structure fire training and PPE. 5. Structure protection plans will be reviewed and updated as needed to make sure safe propane storage areas are identified and

Responsible Party	Begin By Date	Theme	Topic
			<p>clearly marked. All propane tanks will be moved to safe locations whenever feasible.</p> <p>6. NPS will recommend to the National Wildfire Coordinating Group (NWCG) the development of more advanced wildland urban interface structure protection training for all wildland firefighters.</p>
NPS Director via 2018 Leader's Intent for 2018 Fire Year Memorandum (7, 9, 11); NPS Branch of Wildland Fire (8)	May, 2018	Active Forest Management/ Defensible Space	<p>7. NPS Leadership will reiterate to parks the requirement to actively manage forests, and reduce fuel loads to meet the International Code Council (ICC Code) standards for all structures and complexes within parks, especially where highly valued historic structures are at risk in remote areas or designated wilderness (see NPS Reference Manual-18 Chapter 7).</p> <p>8. NPS Wildland Fire will use the Sperry Chalet FLA lessons learned as a case study during the annual New Superintendent Academy and include a section in the M581 and M582 courses on the balance of managing for "desired landscapes" and what is needed manage fuel loads to meet the ICC Code and to actively manage forests and landscapes.</p> <p>9. Develop written Standard Operating Procedures (SOP's) that identify acceptable mitigation actions in the event of a wildfire (these may be captured as constraints in WFDSS), should be identified by parks and approved by leadership prior to fire events.</p> <p>10. In park Structure Fire Management Plans and Fire Management Plans, it should be clearly identified which park division(s) are responsible for maintenance and management of the fuel loads around infrastructure to meet NPS required ICC standards.</p>
NPS Director via 2018 Leader's Intent for 2018 Fire Year Memorandum (11)	May, 2018	Communication Challenges	<p>11. Require Resource Advisors-Fireline-qualified (REAF)s to be present and on location when there are protection efforts being implemented for historic structures. These REAFs should be familiar with the park operations and have an understanding of acceptable actions.</p>
NPS Branch of Wildland Fire RM-18 revision (12, 13,14)	August, 2018 (12, 13, 14)	Structure Protection Plans	<p>12. Structure protection plans will balance the use of installing roof sprinklers with risk of accessing roofs.</p> <p>13. Structure protection plans will address potential ember fallout in areas of multiple structures and identify suitable mitigations, including active management of forests and</p>

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			identified threats from fuel loads and flammable vegetation. 14. NPS will assess the feasibility of installing external quick connect sprinklers on structures at risk from wildfires to reduce the risk to firefighters.
Visitor and Resource Protection Directorate divisions of Fire and Aviation Management and Risk Management (15)	April, 2018	Employee Wellness	15. The NPS will make mandatory Critical Incident Stress Management programs to assist firefighters and park staff in the aftermath of a tragedy or loss, beyond the standard capabilities of the Employee Assistance Program.

Submitted by:




Dan Buckley, NPS Branch Chief of Wildland Fire

Concurred by:



William Kaage, Division Chief, Fire and Aviation Management

Approved by:



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P. Daniel Smith
Deputy Director
Exercising the Authority of the Director
for the National Park Service