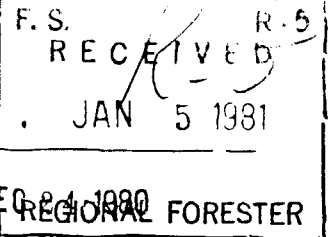




United States
Department of
Agriculture

Forest
Service

WO



Reply to: 2520 Watershed Protection and Management
6520 Financial Management

Date:

DEC 24 1980
REGIONAL FORESTER

Subject: Emergency Burn Area Reports - Thunder Fire, Angeles NF,
Sycamore Fire, San Bernardino NF, Turner and Lakeland Fires, Cleveland NF

To: Regional Forester, R-5

We have reviewed the above Burned Area Reports (2500-8) and requests for funding which were approved by your office. We are concerned that in each report, the burn area treatment measures to be installed on roads and trails are not described in enough detail to permit the approving official to determine if they qualify for FFF-092 financing. The magnitude of the problem becomes apparent when the four projects are considered collectively. 58 percent of the total FFF-092 authorized is for undocumented treatment measures to be installed on roads and trails:

<u>Fire</u>	<u>Total Dollars Approved</u>	<u>Roads and Trails</u>
Thunder	\$ 48,500	\$20,000
Sycamore	24,000	17,300
Turner	32,600	22,000
Lakeland	14,070	9,850
	<u>\$119,170</u>	<u>\$69,150</u>

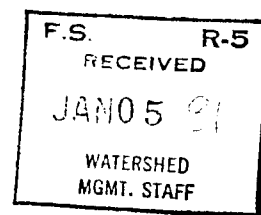
The road and trail treatment measures proposed for a burn area rehabilitation project should be based upon the same intensity of survey and analyses as are other land treatment measures such as seeding, fertilizing, and channel cleaning. All treatment alternatives should be subjected to economic, social, and environmental analyses as described in FSH 2509.13, Emergency Burn Area Rehabilitation Handbook.

The Thunder and Turner Burned Area Reports did not carry the approving officials signature at the Regional level. The signature certifies that review and approval have been completed at each level. We feel that this is important and should not be overlooked.

We hope our comments prove helpful when preparing future Burned Area Reports.

R.M. Housley

R. M. HOUSLEY
Acting Deputy Chief



12/18/81
cc's sent
Los Padres
Angeles
San Bernardino
Cleveland

RMH



UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE

RO

REPLY TO: (2520) Watershed Protection and Management
6520 Financial Management

June 1, 1981

SUBJECT: Final Emergency Burn Rehabilitation Accomplishment
Reports - Summit, (Sycamore), and Panorama Fires, 1981

TO: Forest Supervisor, San Bernardino National Forest

We have your memos of 4/27 and 4/28 transmitting the subject reports. Concisely, the situations as we see them are:

Panorama Fire

FFF 092 Obligational Authority	\$ 379,750
FFF 092 Total Expenditures	<u>\$ 355,633</u>

FFF 092 - Net Surplus \$ 24,117

You are authorized to reprogram the FFF 092 funds among approved rehabilitation measures to produce the net surplus shown. We will withdraw the net surplus obligational authority.

In addition, you have expended \$86,864 of P&M funds in a long-term burn restoration effort. This exceeds by \$9,464 the amount of \$77,400 you were authorized to expend.

Summit Fire

FFF 092 Total Expenditures	\$ 23,913
FFF 092 Obligational Authority	<u>\$ 20,750</u>

FFF 092 - Net Deficit \$ 3,163

You are authorized to reprogram the FFF 092 funds among approved rehabilitation measures to produce the net deficit shown.

Sycamore Fire

You have utilized all of the \$24,000 in FFF 092 obligational authority extended to you and expended an additional \$10,352 of P&M funds in a long-term burn restoration effort.



Pursuant to our commitments, the Region will allocate an additional \$87,752 in P&M funds to your Forest at the next financial roundup. This breaks down by fire as follows:

Panorama	\$77,400
Sycamore	<u>\$10,352</u>
	\$87,752

This leaves overexpenditures as follows:

P&M Funds	\$9,464
FFF 092	\$3,163

How do you plan to cover these deficits?

for Robert W. Cimak
ZANE G. SMITH, JR.
Regional Forester

CC: R.F.
PP&B, HEALY
Leger, WO
RAREESE:SGH

WMP#3/1.18

RM
6/1/81

EM
6/1/81

Healy

RWR
6/1

sent
6-2-81
SK



May 12, 1981

FFF 092 Fund Summary

Angeles has surplus - must to go back to WO.	\$68,000 <u>1/</u>
San Bernardino has surplus if Bob Cermak agrees with our recommendations.	25,000
RO still has a balance left from its \$250,000 authority.	9,500
Total surplus in the Region pending Cermak decisions.	101,500
Total net deficit (Angeles NF & SBNF)	<u>10,200</u>
Total net surplus if the surplus is used to cover deficit.	91,300

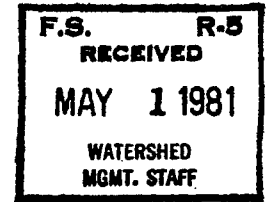
I suggest, in any case, the Region return all obligational authority to WO for the balance of FY 1981.

1/ Angeles asked to cover \$7,000 deficit on the Stable Fire. Request denied at this time. This denial ought to be reversed if Cermak grants a switch in funds from a surplus on the Panorama Fire to cover a deficit on the Summit Fire.



UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE

SBNF



REPLY TO: 2520 Watershed Protection and Managment
6520 Financial Management

April 27, 1981

SUBJECT: Emergency Burn Rehabilitation Accomplishment
Report - Sycamore Fire

TO: Regional Forester

Attached is the final accomplishment report for the rehabilitation of the Sycamore Fire. The total cost was \$45,262 of which \$6,110 was for seeding private lands. The California Department of Forestry has been billed for this amount. Thus, the total cost to the Forest Service is \$39,152. Of this, \$4,800 is FR&T funds for a total FFF cost of \$34,352. We received an FFF 092 authorization of \$24,000, but your memo dated December 3, 1980 authorized the use of P&M funds to make up any deficit realized. A telephone conversation on December 5, 1980 with Bob Cermak confirmed that reprogramming of P&M funds would take place at the Regional level. Therefore, we are requesting an additional \$10,352 to cover the rehabilitation cost of the Sycamore Fire.

for *Charles H. Tyrrel*
ROBERT R. TYRREL
Forest Supervisor

Enclosure

Detailed instructions for use of this form are in the Burned-Area Emergency Rehabilitation Handbook (FSH 2509.13), Section 41.

1. Fire name Sycamore		2. <input type="checkbox"/> Request <input type="checkbox"/> Initial <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Final		3. Date of report April 27, 1981	
		<input checked="" type="checkbox"/> Accomplishment report <input type="checkbox"/> FFF <input type="checkbox"/> Other			
4. State CA	5. County San Bernardino	6. Congressional District 37	7. Region 05	8. Forest San Bdn	9. Ranger District San Gorgonio
10. Supervisor fire no. 244	11. Date fire started 11/24/80	12. Date controlled 11/28/80	13. Estimated suppression cost \$ 450,000		
14. Fire suppression damages repaired with FFF 102 funds 14 mi. firelines waterbarred 14 acres firelines seeded					
15. Fire intensity 15 % low 40 % medium 45 % high					

NATIONAL FOREST SYSTEM PROBLEM INVENTORY

16. Watershed no. 1807020309 1807020311	17. NFS acres burned 1200	18. Water repellant soil % of NFS area burned
19. Vegetation types		
20. Geologic types		
21. Soil erosion hazard rating % low % med. % high	22. Erosion potential cu. yds./sq. mi.	23. Flood peak potential cu. ft./sec./sq. mi.
24. Miles of stream channels by Regional order or classes		
25. Miles of Forest Service roads and trails by maintenance levels mi. level I rds. mi. level II rds. mi. levels III, IV, V rds. mi. trails		

CLIMATIC DATA

26. Annual precipitation inches	27. Design storm rainfall during _____ hour period inches 2 yr. frequency inches 10 yr. frequency
28. Annual runoff inches	29. Maximum 30 minute intensity storm inches 2 yr. frequency inches 10 yr. frequency

SUMMARY OF SURVEY AND ANALYSIS

30. Skills represented on burned area survey team (check) <input type="checkbox"/> Hydrology <input type="checkbox"/> Soils <input type="checkbox"/> Geology <input type="checkbox"/> Range <input type="checkbox"/> Timber <input type="checkbox"/> Wildlife <input type="checkbox"/> Fire Management <input type="checkbox"/> Engineering <input type="checkbox"/> Contracting <input type="checkbox"/> Local Management <input type="checkbox"/> Research <input type="checkbox"/> Other	
31. Describe emergency Increased runoff, erosion, and sedimentation threaten developments and improvements on both private and Federal land. The downstream areas will be subject to damaging floods and mud flows during the rainy period.	
32. Emergency rehabilitation objective Stabilize by seeding and fertilization, those slopes which threaten the urban/agriculture area. Also, to prevent the loss of road fills so that the subsequent erosion and downstream deposition can be reduced, preventing the possible loss of downstream improvements.	
33. Personnel needs for rehabilitation project on NFS lands 0.1 man-years reassigned for \$ 2,000 man-years new hires for \$	
34. Probability of completing treatment prior to first major damage-producing storm Land % Channel % Roads % Other %	
35. Net environmental quality benefit index <input type="checkbox"/> Significant <input type="checkbox"/> Not Significant	36. Net social wellbeing benefit index <input type="checkbox"/> Significant <input type="checkbox"/> Not Significant
37. Benefit/cost ratio Net benefits	38. Cost effectiveness index (check one) <input type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV
39. Forest Supervisor approval & date	Regional Forester approval & date Date funding approved in WO

USDA - Forest Service
Fire Name

BURNED AREA REPORT

Date of Report

Page 2

ON-SITE AND OFF-SITE DEVELOPMENTS SUBJECT TO HAZARDS FROM FLOODS, FLOATING DEBRIS, EROSION, OR SEDIMENT BECAUSE A WATERSHED IS IMPAIRED BY WILDFIRE. (Do not include value of resources damaged or destroyed by the fire as reported on Form 5100-29.)

	No. of units	Estimated value (dollars)
40. Community and urban development	people	
41. Municipal and domestic water supply	people served	
42. Transportation systems	miles	
43. Water distribution systems (irrigation)	miles	
44. Agricultural development (crops, facilities)	acres	
45. Industrial development (dams, power, manufacturing)	number	
46. Power and communication lines	miles	
47. Recreation development	PAOT	
48. Fish habitat	miles	
49. Other (specify)		
TOTAL HAZARD POTENTIAL (Indicates values threatened by design storm. Does not enter into the R/C.)		

NARRATIVE (Optional. May be left out or expanded on additional sheets as needed.)

USDA-Forest Service

BURNED AREA REPORT

Date of Report

Fire Name

SUMMARY OF EMERGENCY REHABILITATION NEEDS BY LAND OWNERSHIP

Land ownership	50. Acres burned	51. Emergency rehabilitation needs				Source of emergency rehabilitation funds for needed work (dollars)					
		Land (acres)	Channel (miles)	Road and Trail (miles)	Other	52. FFF	53. 216	54. FR&T	55. Other Federal (name)	56. Non- Federal (name)	57. Total
FEDERAL NFS						092	102				
Other (name)											
Subtotal Federal											
NON-FEDERAL State & county											
Indian reservation											
Private											
Subtotal Non-Federal											
TOTAL											

Fire Name Sycamore

Date of Report April 27, 1981

ELIGIBLE EMERGENCY REHABILITATION MEASURES OR TREATMENTS AND SOURCE OF FUNDS

(Emergency rehabilitation is work done promptly following a wildfire and is not to solve watershed problems that existed prior to the wildfire.)

	Units	Unit cost	NFS Lands			Other Lands			Total dollars all lands
			No. of units NFS	FFF092 dollars	Other dollars (Name)	No. of units other	Federal dollars (Name)	Non-Fed. dollars (Name)	
58. LAND									
Seeding	Acres	26.47	450	2760	9152 *	1300	3055**	3055***	18022
Fertilizing	Acres	11.42	450	3940	1200*				5140
59. CHANNELS									
Opening water courses	Miles								
Stabilizing streambanks	Miles								
60. ROADS & TRAILS									
Plunge Cr. 1N21	each	2763	8	17,300	4800 ****				22,100
61. MAJOR STRUCTURES									
Preplanned -- from Forest Plans	Each								
TOTAL				24,000	15,152		3055	3055	45,262

* Watershed P&M funds to be reprogrammed at Regional level.

** Sec 403 funds.

*** State and local agency matching funds.

**** FR&T funds.

EXAMINING IMPACTS OF MANAGEMENT ALTERNATIVES FOR AN EMERGENCY PROGRAM

62. EXPECTED DAMAGE REDUCTION BENEFIT SUMMARY
at current Water Resources Council interest rate of _____ percent

Economic benefit indices	Units of measure	Damage expected				Expected \$ damage reduction
		Without treatment		With treatment		
		No. of units	Present value \$	No. of units	Present value \$	
WATERSHED IMPACTS						
SEDIMENTS						
Downstream water storage						
Sediment removal						
Fish habitat						
Water quality						
FLOOD WATER						
Land						
Improvements						
Subtotal watershed						
RESOURCE RELATED IMPACTS						
Range						
Wildlife and recreation						
Timber						
Subtotal resource related						
OTHER IMPACTS						
Subtotal other						
Total dollars						

Fire Name _____

Date of Report _____

EXAMINING IMPACTS OF MANAGEMENT ALTERNATIVES FOR AN EMERGENCY PROGRAM

63. (Table 4)

ENVIRONMENTAL QUALITY BENEFIT INDEX

ENVIRONMENTAL CRITERIA	Weight Factor	Without treatment		With treatment		Difference	
		Actual	Weighted	Actual	Weighted	Actual	Weighted
Erosion and sediment							
Aesthetic land quality							
Water quality							
Site productivity							
Wildlife habitat							
Fish habitat							
Other							
TOTAL							
Average weighted index							
Net environmental quality benefit index							

64. (Table 5)

SOCIAL WELL-BEING BENEFIT INDEX

SOCIAL CRITERIA	Weight Factor	Without treatment		With treatment		Difference	
		Actual	Weighted	Actual	Weighted	Actual	Weighted
Life, health, safety							
Employment							
Recreational opportunity							
Economic stability							
Income distribution							
Preserve special sites							
Other							
TOTAL							
Average weighted index							
Net social well-being benefit index							