BURNED AREA REPORT DATE:9/12/88

PART I - TYPE OF REQUEST

1. (List as appropriate) A. Funding Request B. Accomplishment report
2. A. Initial B. Interim C. Final

PART II - FIRE LOCATION

1. Fire name:LITTLE ROCK CREEK
2. Supervisors Fire Number:
3. State:MONTANA
4. County:RAVALLI
5. Region:1
6. Forest:03 - Bitterroot
7. Ranger District:02 - Darby
8. Date Started:9/6/88
9. Date Controlled:(CONTAINED 9/11/88)
10. Estimated suppression costs:$876000
11. Fire suppression damage repaired with FFF 102 funds:
    a. 9.5 . miles of firelines waterbarred
    b. 9.5 . acres of firelines seeded
    c. . . . other (identify)_____
12. Fire intensity 60 % low 35 % medium 15 % high

PART III - NATIONAL FOREST SYSTEM PROBLEM INVENTORY

1. Watershed Number:1701020502A
2. NFS acres burned: 2025
3. Water repellant soil: 350 AC 95 % NFS acres burned
4. Vegetation types: ABLA/XETE-VAGL, PSME/CARU, PSME/SYAL, PSME/PHMA, PSME/FEID
5. Geologic types:GRANITICS
6. Soil erosion hazard rating: 50 % low 30 % medium 20 % high
7. Erosion potential: 500 cu.yd./sq.mi.
8. Miles stream channel by regional order or class: 4 MI OF ORDER 1, 1 MI OF ORDER 2, & 1 MI OF ORDER 4
9. Miles FS trails: 5 MI
10. Miles FS roads by maintenance level:
    a. 2 (level I) b. 5 (level II) c. 3 (level III, IV, V)

No Funds Requested

PART IV - CALCULATED RISK AND CLIMATIC EVALUATION

1. Est. veg. recovery period: 10 years
2. Chance of success desired by management: 90 %
3. Equivalent design recurrence: 100 years
4. Related design storm duration: 1/2 hours
5. Related design storm magnitude: 1 inches
5. Related design flow: 90 cfsm
7. Estimated reduction in infiltration: 45 %
8. Adjusted related design flow: 130 cfsm

PART V SUMMARY OF SURVEY AND ANALYSIS

1. Skills represented on burned area survey team (list as appropriate):
BOB HAMMER-HYDROL, DICK BABCOCK-SILVI, NORM DAVIS-SOILS

2. Describe emergency: POTENTIAL SOIL EROSION & SEDIMENT DELIVERY TO LAKE COMO & BUNKHOUSE CR, WADDELL CR, SHANNON GULCH, & IRRIGATION DITCHES. STABILIZE WITH VEGETATION, GRASSES.

3. Emergency rehabilitation objective: STABILIZE SOIL OF SEVERELY BURNED SLOPES THROUGH BROADCAST SEEDING ABOVE LAKE COMO NEAR LITTLE ROCK CR TRAILHEAD

4. Probability of completing treatment prior to first major damage producing storm:
   Land 90 % Channel % Roads % Other %

5. Net Environmental-quality benefit index: 0.408

6. Net Social-well-being benefit: 0

7. Benefit/cost ratio: 0.354

8. Net benefits: $0

9. Cost effectiveness index (choose one): a. I b. II c. III d. IV

PART IV
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.)

			NFS LANDS			OTHER LAND			
	Units	Unit cost	units #	FFF 092 $	other $	units #	federal $	non-fed $	total $
A. LAND									
SEEDING	100Acres								
B. CHANNELS									
opening water courses	Miles								
stabilizing streambanks	Miles								
C. ROADS & TRAILS	Miles								
MAJOR STRUCTURES	Each								
E TOTAL									

PART VII - APPROVALS

Forest Supervisor approval and date: /s/ .....

Regional Forester approval and date: /s/ .....

No Funding Requested