DATE: August 2, 1985

BURNED AREA REPORT

PART I - TYPE OF REQUEST

1. Accomplishment report
2. Final

PART II - FIRE LOCATION

1. Fire name: Gilbert Creek
2. Supervisors Fire Number: 091
3. State: Montana
4. County: Missoula
5. Region: 1
6. Forest: Lolo
7. Ranger District: Missoula
8. Date Started: July 17, 1985
9. Date Controlled: July 26, 1985
10. Estimated suppression costs: $ 2,000,000
11. Fire suppression damage repaired with FFF 102 funds:
    a. . . . miles of firelines waterbarred, 0.25-0.50
    b. . . . acres of firelines seeded, none
    c. . . . other (identify) stream debris clean out; fire camp seed fertilize.

and

12. Fire intensity 34 % low 33 % medium 33 % high

PART III - NATIONAL FOREST SYSTEM PROBLEM INVENTORY

1. Watershed Number: 17-01-02-02-34
2. NFS acres burned: 565
3. Water repellant soil: 0.0 % NFS acres burned
4. Vegetation types: ABLA/LUHI (50%); ABLA/XETE (40%); ABLA/MEFE (10%)
5. Geologic types: Belt Series Meta-sediments
6. Soil erosion hazard rating: 95 % low 0.0 % medium 5 % high
7. Erosion potential: 0.0 cu.yd./sq.mi.
8. Miles stream channel by regional order or class: 1.0 mile 1st order stream
9. Miles FS trails: 0.0
10. Miles FS roads by maintenance level:
    a. N/A (level I) b. N/A (level II) c. N/A (level III, IV, V)

BURNED AREA REPORT

PART IV - CALCULATED RISK AND CLIMATIC EVALUATION

1. Est. veg. recovery period: 2-3 years
2. Chance of success desired by management: 80 %
3. Equivalent design recurrence: 50 years
4. Related design storm duration: 6 hours
5. Related design storm magnitude: 1.3 inches
5. Related design flow: 5.1 cfsm
7. Estimated reduction in infiltration: 0.0 %
8. Adjusted related design flow: N/A cfsm

PART V SUMMARY OF SURVEY AND ANALYSIS

1. Skills represented on burned area survey team (list as appropriate):
   Soil Scientist, Ecologist, Hydrologist

2. Describe emergency: Not an emergency situation!

3. Emergency rehabilitation objective: None

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

5. Net Environmental-quality benefit index:

6. Net Social-well-being benefit:

7. Benefit/cost ratio:

8. Net benefits: $

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	Acres								
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/ .....