PART I

Project Data

1. Name: Uintah Power & Light Co., Roosevelt, Utah

2. River: Uinta River

3. Location: Duchesne County, Utah, T2N, R2W, U.M.

4. Owner: Uintah Power & Light Co.

5. Engineer: Merrick & Company, Denver, Colorado

6. Runoff Data:

Drainage Area	195 sq. miles
Maximum Flow of Record	2200 c.f.s.
Minimum Flow of Record	45 c.f.s.
Flow Duration	See page 26 this report.
Floods (50 year)	2200 c.f.s.

7. Pondage Data.

Uinta River diversion dam capacity	62 acre feet
Pole Creek diversion dam capacity	Negligible
Effect of Pondage	Meets daily peak demands.

8. Capacity Factor 64.3%

Power Duration Curve . . See page 27 this report.

9. Elevations.

Datum	U.S.G.S. mean sea level
Crest of Uinta River Dam	7395 ft.
Forebay headwater	7355 ft.
Tail water	6945 ft.

10. Head.

Gross head	410 ft.
Productive head	400 ft.