PLAINTIFF'S EXHIBIT

UC-1738

MAINTENANCE FACILITIES DESCRIPTION

MAINTENANCE AREA

BUILDING NO: 163 BUILDING NAME: Riggers Loft

1. CONSTRUCTION: Permanent - Cement floor; Asbestos wall and ceiling

2. AGE: 26 Years

3. GENERAL CONDITION: Good

4. EXPANDABLE: Yes

5. MAINTENANCE FUNCTION:

FUNCTION	FLOOR SPACE (Sq.Ft.)	NO. OF PERSONNEL
Boilermaker Shop (Now used by Construction)	5000	

6. PERSONNEL FACILITIES:

Lunch Room:	None
Rest Room:	1 toilet; 1 lavoratory
Lockers:	None
Female Facilities:	Not required

BRE 0066

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MAINTENANCE AREA

BUILDING NO: 164 BUILDING NAME: Old Machine Shop

1. CONSTRUCTION: Permanent - Cement floor; Asbestos wall and ceiling

2. AGE: 25 Years

3. GENERAL CONDITION: Good

4. EXPANDABLE: Yes: East, North and South

5. MAINTENANCE FUNCTION:

FUNCTION	FLOOR SPACE (Sq.Ft.)	NO. OF PERSONNEL
Zone Shop (Oxygen/Energy)	1320	7
Glass/Tubing fitters	770	13
Riggers Loft	1210	
Insulation Shop	660	11
Black Room & Field Mechanics	660	
Main Aisle (Shared by all shops)	1760	
Personnel Facilities	220	
	6600	31

6. PERSONNEL FACILITIES:

Lunch Room: ~~None~~ yes

Rest Room: 2 toilets; 2 urinals; 2 lavoratories; 220 Sq. Ft. needs upgrading

Lockers: 20 lockers: 1 assigned per man

Female Facilities: Not Required

BRE 0067

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MAINTENANCE AREA

BUILDING NO: 164 (Cont'd) BUILDING NAME: Old Machine Shop

7a	ZONE SHOP-OXYGEN/ENERGY	FLOOR SPACE (Sq.Ft.)	NO. OF PERSONNEL
	Shop Office	220	1
	Work Area	880	6
	Inside Storage	220	
		1320	7

7b PERSONNEL:

1 - Foreman
4 - Pipe Fitters
2 - Riggers

7 - Total

7c INADEQUACIES: Storage area in need of housecleaning. Potential hazard from having to crawl over equipment on floor to reach items on storage shelves.

8a	GLASS/TUBING FITTERS SHOP	FLOOR SPACE (Sq.Ft.)	NO. OF PERSONNEL
	Shop Office	110	1
	Work Area	484	12
	Storage Inside	176	
		770	13

8b PERSONNEL:

1 - Foreman
12 - Glass Fitters

13 - Total

8c INADEQUACIES: Due to prevailing wind through shop, fiber glass from this shop drifts down to the insulators and zone shops at the other end of the building.

BRE 0068

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MAINTENANCE AREA

BUILDING NO: 164 (Cont'd) BUILDING NAME: Old Machine Shop

9a	INSULATION SHOP	FLOOR SPACE (Sq.Ft.)	NO. OF PERSONNEL
	Office (Shared)	110	1
	Work Area	550	10
	Outside Storage	1000	
		1660	11

9b PERSONNEL:

1 - Foreman
10 - Insulators

11 - Total

9c INADEQUACIES:

Vacuum barrel for insulation bond saw should be located on outside of building in water tight enclosure. 90 percent of work in Recovery/ Reaction area but shop is located at opposite end of plant.

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MAINTENANCE AREA

BUILDING NO: 166 BUILDING NAME: B&R Training Room

1. CONSTRUCTION: Permanent - Tile floor; Brick wall; Acoustical ceiling

2. AGE: 28 Years

3. GENERAL CONDITION: Good

4. EXPANDABLE: Yes: East, South, or West side

5. MAINTENANCE FUNCTION:

FUNCTION	FLOOR SPACE (Sq.Ft.)	NO. OF PERSONNEL
Training Area	5340	N/A
Dry Room	2800	
	8140	

6. PERSONNEL FACILITIES:

Lunch Room: Personnel eat in training room

Rest Room: 2 toilets; 2 urinals; 2 lavoratories 120 Sq. Ft.

Lockers: None

Female Facilities: Required but not separate

7. PERSONNEL: N/A

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MAINTENANCE AREA

BUILDING NO: 424

BUILDING NAME: Central Shops

1. CONSTRUCTION: Permanent - Concrete floor; Corrugated asbestos wall and ceiling

2. AGE: 20 Years

3. GENERAL CONDITION: Good

4. EXPANDABLE: Yes

5. MAINTENANCE FUNCTION:

FUNCTION	FLOOR SPACE (Sq.Ft.)	NO. OF PERSONNEL
Machine Shop	3080	14
Welding Shop	2520	15
Electric Shop	900	8
Process Mechanics Shops	770	11
Carpenter Shop	1500	13
Safety Equipment Service Center	970	2
Personnel Facilities	1040	
	10,780	63

6. PERSONNEL FACILITIES:

Lunch Room: None - Personnel eat at cafeteria or work benches

Rest Room:

Machine Shop: 5 toilets; 2 urinals; 2 lavoratories; 600 Sq. Ft.

Electrical/Instrument Shop: 1 toilet; 3 urinals; 1 lavoratory; 200 Sq. Ft.

Welding Shop: 3 toilets; 1 urinal; 1 lavoratory; 240 Sq. Ft.

BRE 0071

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BUILDING NO: 424 (Cont'd) BUILDING NAME: Central Shops

6. PERSONNEL FACILITIES: (Cont'd)

Lockers: None

Female Facilities: Not required

7a	MACHINE SHOP	FLOOR SPACE (Sq.Ft.)	NO. OF PERSONNEL
	Office	80	2
	Work Area	3000	12
		3080	14

7b PERSONNEL:

1 - Foreman
1 - Working Foreman
6 - Inside Machinists
6 - Field Machinists

14 - Total

7c INADEQUACIES:

Heat circulation poor
Work benches with storage space poor
Lockers for machinists' slicker suits lacking
Noise and smoke problems from Welding Shop
Shop office too small for 2 foremen
Floor space lost due to specialty shops - metalurgical lab, valve shop, etc.

8a	WELDING SHOP	FLOOR SPACE (Sq.Ft.)	NO. OF PERSONNEL
	Shop Office	120	1
	Work Area	2400	14
		2520	15

8b PERSONNEL:

1 - Foreman
14 - Welders and Fabricators

15 - Total

BRE 0072

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BUILDING NO: 424 (Cont'd) BUILDING NAME: Central Shops

8c INADEQUACIES:

People eat on fabrication tables or floor
Need lockers for personnel
Need improved ventilation to remove smoke — installed
Need another overhead crane

8d DEFICIENCY: Need sheet metal roll, shear and saw

9a ELECTRICAL SHOP	FLOOR SPACE (Sq.Ft.)	NO. OF PERSONNEL
Shop Office	140	1
Work Area (14' height)	660	7
Storage Inside	100	
	900	8

9b PERSONNEL:

1 - Foreman
7 - Electricians
8 - Total

9c INADEQUACIES:

Housekeeping a problem due to limited size
Work bench areas lacking
Motors larger than 50HP are worked on in Machine Shop where they have the needed lift capacity
Wooden step ladders stored outside in the open where they get wet--electricians working on hot lines might get shocked
Pipe cutter and threading machine in poor locations due to limited space

10a PROCESS MECHANICS SHOP	FLOOR SPACE (Sq.Ft.)	NO. OF PERSONNEL
Office	150	1
Instrument Shop	450	9
Electronics Shop	170	1
	770	11

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BUILDING NO: 424 (Cont'd) BUILDING NAME: Central Shops

10b PERSONNEL:

1 - Foreman
10 - Instrument Mechanics
11 - Total

11a	CARPENTER SHOP	FLOOR SPACE (Sq.Ft.)	NO. OF PERSONNEL
	Office	100	1
	Work Area	1400	12
		1500	13

11b PERSONNEL:

1 - Foreman
3 - Carpenters
1 - Painter
1 - Sheet Metal Worker
7 - Helpers
13 - Total

11c INADEQUACIES:

Radial and band saws are too close to each other
No phone for the foreman--he must use weld shop office

12a	SAFETY EQUIPMENT SERVICE CENTER	FLOOR SPACE (Sq.Ft.)	NO. OF PERSONNEL
	Work Area	252	2
	Fire Station	525	
	Foam Trailer Storage	192	
		969	2

12b PERSONNEL: 2 - Fire Station Attendants

BRE 0074

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MAINTENANCE AREA

BUILDING NO: 424 (Cont'd) BUILDING NAME: Central Shops

12c INADEQUACIES:

Ventilation and insulation poor
Rest rooms and water fountain 150 feet away--
200 feet allowable maximum
Need plant air
Facilities for cleaning safety equipment is
lacking
Storage space cramped

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MAINTENANCE AREA

BUILDING NO: 425 BUILDING NAME: Maintenance Office

1. CONSTRUCTION: Permanent - Concrete; Tile floor; Asbestos & Sheet-rock

2. AGE: 27 Years; Addition is one year old

3. GENERAL CONDITION: Excellent

4. EXPANDABLE: Yes: on South side

5. MAINTENANCE FUNCTION:

FUNCTION	FLOOR SPACE (Sq.Ft.)	NO. OF PERSONNEL
Technical Staff Offices	3180	25

6. PERSONNEL FACILITIES:

Lunch Room:	None - Personnel eat in cafeteria or lunch room
Rest Room:	2 toilets; 2 urinals; 2 lavoratories; 100 Sq. Ft.
Lockers:	None
Female Facilities:	2 toilets; 2 lavoratories; 100 Sq. Ft.

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MAINTENANCE AREA

BUILDING NO: 461 BUILDING NAME: Garage

1. CONSTRUCTION: Permanent - Concrete floor; Steel wall and ceiling (Quonset Hut)

2. AGE:

3. GENERAL CONDITION: Good

4. EXPANDABLE: No

5. MAINTENANCE FUNCTION:

FUNCTION	FLOOR SPACE (Sq.Ft.)	NO. OF PERSONNEL
Shop Office	36	1
Work Area (25' height)	2124	3
Inside Storage	300	
Outside Storage	12,000	
Personnel Facilities	30	
	14,480	4

6. PERSONNEL FACILITIES:

Lunch Room: None

Rest Room: 1 toilet; 1 lavoratory; 30 Sq. Ft.

Lockers: None

Female Facilities: Not required

7. PERSONNEL:

1 - Foreman	3 - Drivers
2 - Mechanics	1 - Utility (Dumpster)
1 - Helper	8 - Rigger/Cr. Operators
4 - Shop Personnel	12 - Field Personnel

BRE 0077

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MAINTENANCE AREA

BUILDING NO: 461 (Cont'd) BUILDING NAME: Garage

8. INADEQUACIES: Rigging equipment is stored in Old Machine Shop instead of quonset hut.

BRE 0078

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MAINTENANCE AREA

BUILDING NO: 489 BUILDING NAME: Sandblast Yard

1. CONSTRUCTION: Permanent - Concrete floor; Transite wall; Corrugated steel ceiling

2. AGE: 27 Years

3. GENERAL CONDITION: Good

4. EXPANDABLE: Yes

5. MAINTENANCE FUNCTION:

FUNCTION	FLOOR SPACE (Sq.Ft.)	NO. OF PERSONNEL
Office	168	1
Work Area (Covered) (10' height)	1200	
Work Area (Outside) Storage	28,120	
Personnel Facilities	512	6
	30,000	7

6. PERSONNEL FACILITIES:

Lunch Room:	Seating for 14 people; 280 Sq. Ft.
Rest Room:	2 toilets; 2 urinals; 2 lavoratories; 32 Sq. Ft.
Lockers:	8 available; 1 assigned per person 32 Sq. Ft.
Female Facilities:	Not required

7. PERSONNEL:

1 - Foreman
6 - Painters
7 - Total

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MAINTENANCE AREA

BUILDING NO:

BUILDING NAME: Recovery Zone Shop (S-3 Field Shop)

1. CONSTRUCTION: Permanent - Concrete floor; Corrugated asbestos wall and ceiling

2. AGE: 1 Year

3. GENERAL CONDITION: Good

4. EXPANDABLE: Yes; to the South or West ?

5. MAINTENANCE FUNCTION:

FUNCTION	FLOOR SPACE (Sq.Ft.)	NO. OF PERSONNEL
Office (Portable Building)	200	4
Work Area	1500	8
Personnel Facilities	300	
	2000	12

6. PERSONNEL FACILITIES:

Lunch Room: Seating capacity for 10 people; 300 Sq. Ft.

Rest Room: Personnel use area rest room in unit

Lockers: Assigned per man

Female Facilities: Not required

7. PERSONNEL:

1 - Foreman
1 - Working Foreman
2 - Planners
8 - Craftsmen

12 - Total

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MAINTENANCE AREA

BUILDING NO:

BUILDING NAME: 930 Field Shop

1. CONSTRUCTION: Permanent - Wooden floor; Corrugated steel wall and ceiling

2. AGE: 2 Years

3. GENERAL CONDITION: Good

4. EXPANDABLE:

5. MAINTENANCE FUNCTION:

FUNCTION	FLOOR SPACE (Sq.Ft.)	NO. OF PERSONNEL
Offices	340	6
Work Area (Covered)	600	24
Work Area (Outside)	30,000	
	30,940	30

6. PERSONNEL FACILITIES:

Lunch Room: None - Personnel eat in main cafeteria

Rest Room: None - Personnel use central shop rest room across the street

Lockers: 25 available

Female Facilities: Not required

7. PERSONNEL:

4 - Foremen
1 - Scheduler
1 - Mat'l Expediter
24 - Craftsmen

30 - Total

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MAINTENANCE AREA

BUILDING NO: BUILDING NAME: Reaction Zone Shop

1. CONSTRUCTION: Permanent - Cement floor; Corrugated asbestos walls and celling

2. AGE:

3. GENERAL CONDITION: Fair

4. EXPANDABLE: Yes; all except North

5. MAINTENANCE FUNCTION:

FUNCTION	FLOOR SPACE (Sq.Ft.)	NO. OF PERSONNEL
Work Area	700	6
Personnel Facilities	300	
	1000	6

6. PERSONNEL FACILITIES:

Lunch Room: Seating capacity for 8 people; 300 Sq. Ft.

Rest Room: Portable unit; also Reaction II Control building

Lockers: 10 lockers

Female Facilities: Not required

7. PERSONNEL:
1 - Foreman (office in unit)
3 - Pipefitters
3 - Riggers
7 - Total

8. INADEQUACIES: No heat in shop - open sides

BRE 0082

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