

SECTION E:

**FUEL SYSTEM
SPECIFICATIONS**



Exponential
Engineering
Company

PART 1	FUEL SYSTEM SPECIFICATION.....	3
1.01	EXISTING FUEL SYSTEM	3
1.02	NEW FUEL SYSTEM.....	3
1.03	REQUIREMENTS	3

PART 1 FUEL SYSTEM SPECIFICATION

1.01 EXISTING FUEL SYSTEM

- A. The fuel system for the existing power plant consists of the following:
1. Two below grade 10,000-gallon fuel tanks with fuel level balancing equipment.
 2. Fuel line(s) serving existing power plant.
 3. Fuel pumps located in the existing power plant.

1.02 NEW FUEL SYSTEM

- A. The fuel system for the new power plant will consist of the following:
1. Utilize the existing below grade fuel tanks
 2. Closure and removal of the existing fuel line(s) to the existing power plant.
 3. Design / installation of new non-metallic fuel line(s) to the new power plant.
 4. Design / installation of new fuel pump(s) and new generator fuel system within new generator building.
 5. Design / installation of fuel system to each unit and each unit's day tank.

1.03 REQUIREMENTS

- A. The fuel system must be designed and installed in accordance with the Nebraska State Fire Marshall requirements including but not limited to Nebraska State Fire Marshall Title 159.
- B. Work shall be performed by a State of Nebraska licensed closer and installer.

END OF SECTION