

Secure Tractor Trailers by the Transportation Safeguards Division. Onsite transportation is accomplished with hardened trailers and Safe Secure Tractor Trailers as well as other conventional vehicles, which include flatbeds, trailers, vans, trucks, pallet jacks, forklifts, and tow motors. Onsite transport of materials is on paved roadways or enclosed ramps between buildings (Pantex 1996b:3.9). Additional discussion on transportation is provided in section 4.12, Intrasite Transportation, and section 4.16, Intersite Transportation of Nuclear and Hazardous Materials. The Traffic Section of the Packaging and Shipping Department is responsible for the receipt of commercial materials from offsite and for handling materials to be transported out of the plant. Building 16–19, Central Shipping and Receiving, handles commercial materials moving into and out of the plant (Pantex 1996a:5.5).

### Railroads

A major rail center for the Burlington Northern Santa Fe Railroad, formerly known as the Atchison, Topeka, and Santa Fe Railroad, is located in Amarillo, Texas. The railroad passes along the southernmost portion of the Texas Tech University (TTU) property at Pantex Plant

Site (Pantex 1996:9.5). An operational spur of the railroad extends through the TTU property into Pantex Plant from the southwest (Figure 4.3.1.2–1). Except for occasional bulk concrete shipments, the site railroad track is currently unused (Pantex 1996:9.5).

### Airport

The Amarillo International Airport is located approximately 12 kilometers (7.5 miles) southwest of Pantex Plant (Pantex 1996:9.5). The airport is primarily used for commercial aviation and is equipped for international commerce. Pantex Plant leases a small facility at the airport for its own transportation use (Pantex 1996b:2.2). Mason and Hanger Corp. Transportation Department provides the necessary ground transportation.

### Utilities

Utilities include steam, electricity, natural gas for fuel, water, and wastewater treatment. Table 4.3.1.2–1 provides current utility usage rates, Pantex Plant system capacity, and offsite utility net capacity for fiscal year (FY) 1994.

**Steam.** Pantex Plant provides steam for operations and facility heating. Building 16–13,

**TABLE 4.3.1.2–1.—Utility Usage and Capacities at Pantex Plant**

UTILITY <sup>1</sup>	FY 94 USAGE	FY 94 PANTEX PLANT SYSTEM CAPACITY	FY 94 OFFSITE UTILITY EXCESS CAPACITY
Water	836M liters (221M gal)	1,893M liters (500M gal)	5,526M liters (1,460M gal) <sup>2</sup>
Wastewater Treatment	477M liters (126M gal)	829M liters (219M gal)	NA
Steam*	153M kg (337M lb)	596M kg (1,314M lb)	NA
Electricity	84,420 MWh	201,480 MWh	6,053,160 MWh
Natural Gas	14.6M m <sup>3</sup> (515M ft <sup>3</sup> )	289M m <sup>3</sup> (10,220M ft <sup>3</sup> )	Not Reported

\*At 150 psi

M = million

NA - Not Applicable

<sup>1</sup> Approximately 1.8 million liters (0.47 million gallons) of petroleum, oil, and lubricants were used at Pantex Plant in 1994.

These supplies, obtained from commercial vendors, are readily available and are not discussed further in this EIS.

<sup>2</sup> City of Amarillo offer of treated wastewater (for industrial use) for potential new Pantex Plant missions.

Sources: DOE 1995j:10; DOE 1991b:16