

4.3 LAW ENFORCEMENT AND FIRE PROTECTION continued

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1,000 population in the City of Carlsbad, with and without the WIPP project. It was determined that new police costs associated with location of the plant near Carlsbad could amount to approximately \$325,000 over the 1979-1985 period. Adjusted fire protection costs were estimated at approximately \$110,000 for the same period.

4.4 HEALTH CARE

Based upon methodology used in a recent health planning report for Carlsbad Regional Medical Center, an estimate was made of the number of beds required to serve the anticipated increased population. These estimates were made for population in the Carlsbad area with and without the WIPP project in order to determine impact of the plant. The facility housed 134 beds, with expansion capability in 1985 to 160 beds. Analysis indicated that capacity of the planned 134-bed facility would be exceeded in 1980 if the WIPP project located in Carlsbad. It was estimated that a total of 219 beds would be required by 1985 with the WIPP project, or a total of 204 beds would be required without the WIPP project.

4.5 TRANSPORTATION AND COMMUNICATION

4.5a Transportation

Traffic flows and volumes within the City of Carlsbad were estimated for certain high-volume locations selected to determine capacity after location of the WIPP project. It was assumed that if capacity remained adequate, no adverse impact could be attributed to the WIPP project. It was determined that an approximate 30 percent increase in number of trips taken would occur