

- ❖ Within the Goldstone boundaries, use only Goldstone approved ground communication equipment to prevent interfering with Goldstone equipment; and
- ❖ Take real-time action to prevent harmful interference to the DSN. Terminate transmission when such interference is imminent.

#### **4.18.9 Cumulative Impacts**

Significant cumulative impacts are not expected to result from the proposed project to health and safety.

### **4.19 Environmental Justice**

The potential impacts on environmental justice from the proposed action are discussed in this section.

Impacts to Environmental Justice are considered significant if:

- ❖ negative environmental effects would disproportionately impact minority and/or low-income populations.

#### **4.19.1 Alternative I: East/West**

##### **4.19.1.1 Impacts**

This alternative would require that the residents in the area relocate. Relocation may have financial impacts on these residents. Environmental justice impacts are not expected from this alternative, as there are no disproportionate impacts on minorities or low-income populations.

##### **4.19.1.2 Mitigation**

No mitigation is proposed.

#### **4.19.2 Alternative II: East Gate/South**

##### **4.19.2.1 Impacts**

The environmental impacts under this alternative would be the same as Alternative I, but will affect approximately 150 full and part time residents.

##### **4.19.2.2 Mitigation**

No mitigation is proposed.

#### **4.19.3 Alternative III: East Gate**

##### **4.19.3.1 Impacts**

No one currently lives within the boundaries of this alternative. Impacts to environmental justice are not expected.

##### **4.19.3.2 Mitigation**

No mitigation is proposed.

#### **4.19.4 Alternative IV: Southwest/East Gate/UTM 90**

##### **4.19.4.1 Impacts**

The environmental impacts under this alternative would be the same as Alternative II.

##### **4.19.4.2 Mitigation**

No mitigation is proposed.

#### **4.19.5 Alternative V: East Gate/UTM 90**

##### **4.19.5.1 Impacts**

No one currently lives within the boundaries of this alternative. Impacts to environmental justice are not expected.

##### **4.19.5.2 Mitigation**

No mitigation is proposed.

#### **4.19.6 Alternative VI: No Action**

##### **4.19.6.1 Impacts**

Environmental justice impacts are not expected from this alternative, as current operations at Fort Irwin would continue within current boundaries.

##### **4.19.6.2 Mitigation**

No mitigation is proposed.

#### **4.19.7 Cumulative Impacts**

Significant cumulative impacts are not expected to occur in the area of economic justice.

#### **4.20 Other Impacts**

This section describes other impact assessments to the environment not covered elsewhere in the document. The following sections are prepared according to applicable NEPA guidelines and include assessments to:

- ❖ Short-term uses of the environment vs. long term impacts on productivity;
- ❖ Irreversible and irretrievable commitment of resources;
- ❖ Unavoidable significant and adverse impacts; and
- ❖ Impacts on global commons.