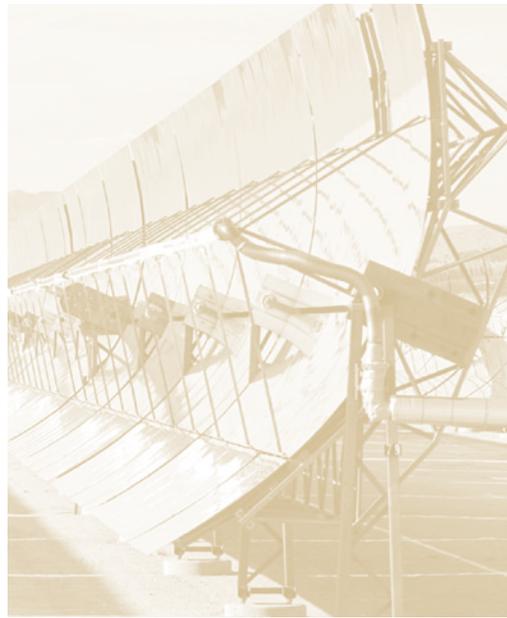


4.7

ELECTRO- MAGNETIC FIELDS



4.7.1 INTRODUCTION

Information about the electromagnetic fields and interference in the study area was summarized in the FEIR and was based on the Electromagnetic Fields (EMF) Report (Earth Tech 2003) prepared during the Conceptual Engineering design phase of the project. No additional studies on EMF were necessary, and none were conducted during the Preliminary Engineering design phase.

4.7.2 ENVIRONMENTAL SETTING

This section is updated with new information that has become available since certification of the FEIR.

4.7.2.1 San Jose Medical Center

The FEIR identified the San Jose Medical Center, at 675 East Santa Clara Street, as a location of particular concern because the operation of magnetic resonance imaging (MRI) systems housed at the

facility could be at risk for electromagnetic interference. On December 9, 2004, the San Jose Medical Center was closed and the facility vacated. The concerns relating to the San Jose Medical Center are no longer applicable.

4.7.3 REGULATORY SETTING

The regulatory setting included in the FEIR describing exposure guidelines, thresholds, and indices considered and published by various local, State, and federal agencies and professional organizations remains applicable in the SEIR. Please refer to Section 4.7 of the FEIR for this discussion.

4.7.4 PROJECT IMPACTS AND MITIGATION MEASURES

A review of the design changes did not result in any new impacts from electromagnetic fields and interference.

CONCLUSION

The design changes result in no new significant impacts relating to electro-magnetic fields. No new mitigation is necessary.