



COMMUNITY DEVELOPMENT SERVICES

PLANNING AND BUILDING DEPARTMENT

http://www.planning_building@edcgov.us

PLACERVILLE OFFICE:

2850 Fairlane Court, Placerville, CA 95667

BUILDING

(530) 621-5315 / (530) 622-1708 Fax

bidgdept@edcgov.us

PLANNING

(530) 621-5355 / (530) 642-0508 Fax

planning@edcgov.us

LAKE TAHOE OFFICE:

924 B Emerald Bay Road

South Lake Tahoe, CA 96150

(530) 573-3330

(530) 542-9082 Fax

tahoebuild@edcgov.us

TO: Planning Commission Agenda of: January 11, 2018

FROM: Evan Mattes, Assistant Planner Item No.: 4

DATE: January 9, 2018

RE: S17-0007/AT&T CAF 2; Radio Frequency Emissions

The purpose of this memorandum is to provide the Planning Commission with an expanded discussion on Radio Frequency Emissions.

Section 704 of the Telecommunication Act of 1996 states that “No State or local government or instrumentality thereof may regulate the placement, construction, and modification of personal wireless service facilities on the basis of the environmental effects of radio frequency emissions to the extent that such facilities comply with the Commission’s regulations concerning such emissions.” Because the proposed facilities would operate under federally mandated limits on RF radiation for cellular towers and is regulated by the FCC in this respect, the County may not regulate the placement or construction of this facility based on the RF emissions.

An EMF/RF Report (Electromagnetic Fields/Radio Frequency) has been prepared and submitted for the project. This report summarizes the results of RF-EME modeling in relation to relevant FCC RF-EME compliance standards for limiting human exposure to RF-EME fields. It demonstrates compliance (Sites 1-5 Exhibit I). Should the facility’s emissions exceed FCC standards, the applicant would be responsible for the cost of additional tests and corrective measures to establish compliance with FCC standards.

The applicant has also provided a Hazardous Materials and Emissions Questionnaire to the County. If materials exceed applicable thresholds outlined in the Hazardous Materials Release Response Plans and Inventory Law of 1985 (The Business Plan Act), a Hazardous Materials Business Plan would need to be obtained. The plan, when implemented, would address potential impacts associated with the accidental spill or release of chemicals and/or hazardous materials used during operations.