THE ALARIS GROUP, LLC

October 29th, 2004

Planner
Department of Community Development
456 West Olive Avenue
Sunnyvale, CA 94088

Via Hand Delivery

Re: **Major Use Permit-Application**

Submittal for a Sprint PCS antenna installation on a new slim line pole at 800 Carlisle Way, Sunnyvale.

APN: 309-12-013

Dear Planner:

I am pleased to submit this Major Use Permit application package for City Department review. Please refer to the project description and accept the following items:

One (1) Application for Planning Commission. (City Form)
Ten (10) sets at 24" x 36" of the Project Development Plans. (site plans and elevations)

Two (2) sets at 11" x 17" of the Project Development Plans. (site plans and elevations)

One (1) Project Description, including one (1) Justifications

One (1) Project Data Sheet/Table (City Form)

One (1) copy of the Letter of Authorization from the property owner.

Fees for Plan Review totaling $3,050.00

Two (2) sets of photsimulations of the proposed installation.

One (1) set of RF Covergae Maps

One (1) H&E emissions report

THE ALARIS GROUP, LLC

Project Description

Introduction

Sprint PCS is a registered public utility, licensed and regulated by the California Public Utilities Commission (CPUC) and the Federal Communications Commission (FCC), for the purpose of providing personal communication services throughout California.

Overview of Site Design/Location Criteria

In identifying the proposed PCS location, Sprint network deployment personnel have selected a site that not only meets the technical objectives of RF engineering, but concurrently provides the best siting option with regard to other key criteria that include, but are not limited to: technical feasibility, accessibility, utility connections, zoning compatibility, liability and risk assessment, site acquisition, maintenance and construction costs.

Project Location

The site address is 800 Carlisle Way, Sunnyvale. The Assessor's Parcel Number is 309-12-013. The property is located within an R1 zoning district.

Project Components

Antennas:

The proposal would be to mount three (3) Sprint PCS repeater antennas inside a radome cylinder on a new 50' high slim line pole. The antenna concealment would be 57" high by 12" wide and would not exceed the top of the pole at 50'. The antennas would be at an antenna centerline of 48' and not exceed the top of the pole. There would also be a donor antenna mounted to the pole at an antenna centerline of 40'. The donor antenna, radome cylinder and pole would all be painted to match the existing water tank. There would be a GPS antenna mounted on an existing shelter at the base of the tower.

Equipment:

The equipment lease area would be located on the ground next to the proposed pole within a new 15' X 25' lease area shelter. There would be a new 6' high wooden fence around the equipment lease area. The repeater equipment cabinets would be mounted on unistrut on poles to the concrete slab. The equipment includes up to four (4) large cabinets and two (2) smaller power and telco cabinets. There would also be a service light.

THE ALARIS GROUP, LLC

Coverage Objective

Sprint PCS's radiofrequency (RF) engineers have identified this site as an integral site in improving Sprint's PCS in-building network coverage to surrounding residential area – E. Freemont Ave. to the north, S.Wolfe to the east, Inverness Way to the South, in particular the areas surrounding Carlisle Way and Dunholme Way. At present, Sprint PCS customers are experiencing poor service in this area and this site will greatly benefit the Sprint PCS subscribers who work and travel in this area.

PCS will change the future of telecommunications with easy-to-use, lightweight and highly mobile communications devices including: portable telephones, computers and Personal Digital Assistants (PDAs). PCS will provide voice, e-mail and internet access capabilities for customer's communications needs virtually anywhere and at any time.

The PCS network being developed by Sprint PCS differs from typical cellular networks in that it uses a combination of state of the art digital technology and traditional analog wireless communications, which have been in use since the early 1980s. The benefits include call privacy and security, improved voice quality, and an expanded menu of affordable products and services for personal and professional communications needs. The Sprint PCS network will eventually feature a locator device that will connect 911 calls to local police and fire departments. In the event of an emergency, specially equipped emergency vehicles will be able to identify a customer's location once a call is received.

Use Permit Justifications

How is this proposed use desirable and not materially detrimental to the public welfare or injurious to the property, improvements or uses within the immediate vicinity and within the zoning district?

The proposed antenna facility satisfies the above stated question in order to justify the grant of a Use Permit by the following:

- The communications equipment will not interfere, and is federally mandated to not interfere with any other existing communications equipment or electronic devices.
- The antenna facility is self contained, unmanned, and quiet. The facility will not have a negative impact on utility or other existing infrastructure or demand for municipal services.

THE ALARIS GROUP, LLC

- The antenna facility will not have a negative impact on the further development of other future communications facilities, structures or land uses.

Feasible Alternative Sites:

Sprint PCS Site Acquisition initially identified a possible candidate at Ortega Park on Condor Way in the City of Sunnyvale. This proposal was to flush mount antennas on an existing light standard in the park. However, the city of Sunnyvale Parks and Recreations would not lease to any Wireless carriers.

Sprint PCS then identified a second possible candidate on Panama Park on Carlisle Way across from Lillian. The proposal here was to locate antennas on a new monopole in the park. Again, this candidate was not chose as the city of Sunnyvale Parks and Recreations would not lease to any Wireless carriers.

Operational Overview

Once constructed and operational, the unmanned communications facility will provide service to customers 24-hour per day, seven (7) days per week. Apart from initial construction activity, the facility will be serviced on a periodic basis by a Sprint technician. It is reasonable to expect that routine maintenance/inspection of the facility will occur once a month during normal working hours. Beyond this intermittent service, Sprint requires 24-hour access to the facility to ensure that technical support is immediately available if and when warranted. All computer equipment needed to operate the site will be housed within the equipment cabinets.

THE ALARIS GROUP, LLC

FCC Compliance

Sprint PCS complies with the operating requirements set forth by the FCC in 47 CFR Part 15 that discusses operation in public portions of the radio spectrum. The specific public frequency A-bands utilized by Sprint PCS are 1850 to 1865 MHz and 1930 to 1945 MHz ranges. This section specifies technical requirements, frequencies, and radio transmitter maximum power output such as minimum channel separation and channel bandwidth. Sprint PCS' technology adheres to all of these requirements.

Conclusion

On behalf of Sprint PCS, the Alaris Group looks forward to working in cooperation with the City of Sunnyvale to provide a wireless telecommunications facility that complies with the City's Land Use Requirements.

Please do not hesitate to contact me with any questions at 415-573-7400 or ssteele@thealarisgroup.com

Sincerely,

Sandra Steele
Zoning Specialist
The Alaris Group, LLC