

May 20, 2008

City of Las Vegas Planning & Development
731 South Fourth Street
Las Vegas, NV 89101

Re: Cheyenne Substation Monopole Antenna Justification Letter

To Whom It May Concern:

At the present time Nevada Power Company (NPC) participates in a shared, trunked radio system operating throughout the State of Nevada. This trunked radio system provides greater efficiency in the use of radio frequencies than a system where each user has its own assigned operating frequencies. The current system is shared by members of the Nevada Shared Radio System (NSRS). The members that are located in the Las Vegas area consist of:

- Nevada Power Company
- Nevada DOT
- UNLV Police Department
- Nevada Highway Patrol
- Nevada Taxicab Authority (Police Agency)
- Nevada OSHA
- Nevada Department of Public Safety
- Nevada Parole and Probation Department

North Las Vegas Police Department (Metro Police), while not currently connected may potentially be connected in the future.

In 2007, NPC performed a radio coverage study of the existing radio system to determine the extent and reliability of the coverage in the western portion of the Las Vegas area. It was found that there are areas where the coverage is inadequate and, therefore, the reliability to communicate in a timely and efficient manner does not meet the required level. Reliable communications is paramount not only for the safety of the employees of NPC, but for the benefit of the public as well. Employees of NPC must have adequate communications for safety and operational purposes as they operate and maintain the power grid. Additionally, public

SUP-28274
07/10/08 PC

safety, police, and other participants of the NSRS must likewise have reliable communications in order for them to perform their normal operational and emergency response duties.

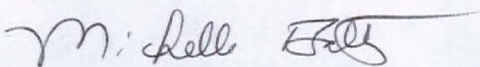
To improve the radio coverage and provide the required reliable communications, a new simulcast trunked radio system is planned as an addition to the existing NSRS radio system. An integral part of upgrading the simulcast, trunked radio system is a proposed radio communications tower at NPC's Cheyenne Substation site. This tower will be a 100' monopole, and will have two (2) transmit antennas and one (1) receive antenna for a combined total height of 124' 4". This new tower will provide NPC and all of the above listed agencies operating in the area the benefit of improved reliability and expanded coverage which is in the best public interest by providing them with improved service and safety.

This monopole will be located within the existing substation fence line and will be of similar style and height of the existing utility transmission structures. Included in this packet is a photo simulation reflecting the proposed monopole within the substation. The proposed monopole at the Cheyenne Substation will be used solely for the NSRS system and will not be used for commercial purposes such as cellular.

Nevada Power Company recognizes the ongoing requests for communications towers and antennas in the City of Las Vegas and is respectfully requesting approval of the proposed monopole antenna. The proposed radio system upgrade and tower are seen as a vital part of the future of not only the Nevada Power communications system, but all of the NSRS users, and their ability to serve the people in this area and meet the requirements of the charter which they have been given.

Your attention to this matter is greatly appreciated. Should you have any questions, please feel free to call me at 227-2421.

Sincerely,



Michelle Baltz, SRWA
SR Land Use Consultant

SUP-28274
07/10/08 PC