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August 4, 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 shared radio frequencies rather 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 ability 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 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.

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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, which NPC is going to install on the existing communication tower. ***This will be a 46' addition to the existing 54' monopole that was approved in 1987 as Z-108-97, and will have two (2) transmit antennas and one (1) receive antenna for a combined total height of 108'.*** This addition to the pole will provide NPC and all of the 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. The total height is 8' over what was allowed in the approval of original Z-1098-07.

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 additional equipment to the monopole at the Cheyenne Substation will be used solely for the NSRS system and will not be used for commercial purposes such as cellular. ***In addition to adding to the existing tower, NPC will be removing the lattice tower that is located just north of the cell tower to be expanded on the east side of the substation.***

Nevada Power Company recognizes the ongoing requests for communication's towers and antennas in the City of Las Vegas and is respectfully requesting approval of the extension of the existing monopole. 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 402-2421.

Sincerely,

Michelle Baltz

Michelle Baltz, SR/WA
SR Land Use Consultant

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