## **United States of America**



## FEDERAL COMMUNICATIONS COMMISSION TELEVISION BROADCAST STATION AUXILIARY CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

NW COMMUNICATIONS OF PHOENIX, INC.

101 Constitution Avenue, NW

Suite 200 West

WASHINGTON DC 20001

Facility Id: 35587 Analog TSID: 192 Digital TSID: 193 Call Sign: KSAZ-TV

Permit File Number: BXPCDT-20010730AAQ

Clay C. Pendarvis Associate Chief Video Division Media Bureau

Grant Date: January 29, 2004

This permit expires 3:00 a.m. local time, 36 months after the grant date specified above.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Name of Permittee: NW COMMUNICATIONS OF PHOENIX, INC.

Station Location: AZ-PHOENIX

Frequency (MHz): 572 - 578

Channel: 31

Hours of Operation: Unlimited

Callsign: KSAZ-TV Permit No.: BXPCDT-20010730AAQ

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Antenna type: (directional or non-directional): Directional

Description: AND, ATW2G175-HSS-31

Major lobe directions (degrees true):

Antenna Coordinates: North Latitude: 33 deg 20 min 02 sec

West Longitude: 112 deg 03 min 42 sec

Transmitter output power: As required to achieve authorized ERP.

Maximum effective radiated power (Average): 87.7 kW

19.4 DBK

Height of radiation center above ground: 22 Meters

Height of radiation center above mean sea level: 839.5 Meters

Height of radiation center above average terrain: 473 Meters

Antenna structure registration number: 1001497

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Special operating conditions or restrictions:

1 This is an auxiliary service. For emergency, maintenance and test purposes only.

\*\*\* END OF AUTHORIZATION \*\*\*