



## United States Department of the Interior

### BUREAU OF RECLAMATION

Phoenix Area Office  
P.O. Box 9980  
Phoenix, Arizona 85068-0980

11-14-96

IN REPLY REFER TO:

PXAO-1400  
PIO-1.00

John N. Sampson  
22502 North Hermosillo Drive  
Sun City West, Arizona 85375

Dear Mr. Williams:

This letter is in response to your written request received October 15, 1996, for confirmation of the radio station KOJ-880 on 530 kHz. The Bureau of Reclamation (Reclamation) is using this AM radio station as a Traveler's Information Line to keep travelers informed of current construction and other activities at Lake Pleasant. It is Reclamation's hope that this broadcast serves to increase the public's enjoyment of the Lake Pleasant Regional Park.

Per your request, I have enclosed detailed information on the radio transmitter. Additionally, please find fact sheets on Reclamation and New Waddell Dam enclosed for your interest and reading pleasure.

I hope this information adds to your collection of radio transmissions. If you have any additional questions, please feel free to contact our office again. To expedite your request, please address your correspondence in the following manner: Bureau of Reclamation, Phoenix Area Office, PO Box 9980, Phoenix, Arizona 85068, Attn: PXAO-1400. I enjoyed receiving your letter and appreciate your interest in our project.

Sincerely,

Christine R. Vinay  
Public Affairs Assistant

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Radio Station KOJ-880 is a solid state automated radio transmitting system located near the Visitor's Center on the left abutment of the new Waddell Dam, 33° 50' North Latitude, 112° 16' West Longitude, at an approximate Elevation of 1826 feet above mean Sea Level.

The radio station consists of an amplitude modulated (am) radio transmitter, Model TR20, a vertical monopole ground plane antenna system, and a digital voice recorder. The radio station was manufactured and supplied by Information Station Specialists, Zeeland, Michigan.

The effective radiated radio frequency (rf) power at the antenna is five Watts, and the transmitter is tuned to a frequency of 530 kilohertz. The transmitter has a maximum rf power output of ten Watts.

The antenna is a vertical whip type, ten feet in length and is mounted on a service pole, thirty feet above the ground. The antenna ground plane is a buried ground wire system consisting of ten-foot radial wires located around the base of the antenna service pole. Radio transmissions from the antenna are omnidirectional.

The digital voice recorder is a solid state electronic device with a dynamic random access memory (DRAM) audio storage system. Information messages can be recorded locally at the radio station, or remotely by telephone. The information messages are periodically changed to reflect changes in construction activity at Waddell Dam.

Electric service and telephone service is provided to the radio station by Arizona Public Service and Central Arizona Project (formally known as Central Arizona Water Conservation District).

The radio station is licensed and operates under Federal Communications Commission (FCC) Rules and Regulations, Volume 5, Part 90.242a7. These FCC rules permit travelers information stations to transmit only non-commercial voice information pertaining to traffic and road conditions, traffic hazard and travel advisories, directions, availability of lodging, rest stops, local points of interest, etc. Other general information helpful or interesting to a traveler may be broadcast as long as it's not commercial in nature.

This radio station was installed in August of this year by the Bureau of Reclamation (Reclamation), and will remain in service as long as construction activities continue at Waddell Dam.

In the past Reclamation has operated three other travelers information stations to provide construction activity information. These radio stations were located in the Globe-Miami area, Apache Junction area, and near Jakes Corner, Tonto Basin area, west of Roosevelt Lake. These sites are no longer being operated by Reclamation since construction activities in these areas are now complete.