

**APPLICATION FOR STATION LICENSE**  
**CUMULUS LICENSING LLC**  
**KPXC (FM) RADIO STATION**  
**CH 250C1 - 97.9 MHZ - 9.7 KW**  
**ALOHA, OREGON**  
**July 2013**

**TECHNICAL STATEMENT**

This Technical Statement was prepared on behalf of Cumulus Licensing LLC (“Cumulus”), licensee of radio station KXPC, Channel 250C1, Aloha, Oregon. Cumulus holds an outstanding permit which authorizes a change in transmitter site (BPH-20121218ACC). Cumulus herein submits a license application to cover the outstanding construction permit. A calculation of the transmitter power output of the KXPC transmitter is attached as Exhibit A.

There are several operational conditions attached to this permit. The first condition states:

*“The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radio frequency electromagnetic fields in excess of FCC guidelines.”*

Cumulus pledges compliance with this condition.

The second condition states:

*“BEFORE PROGRAM TESTS COMMENCE, sufficient measurements shall be made to establish that the operation authorized in this construction permit is in compliance with the spurious emissions requirements of 47 C.F.R. Sections 73.317(b) through 73.317(d). All measurements must be made with all stations simultaneously utilizing the shared antenna. These measurements shall be submitted to the Commission along with the FCC Form 302-FM application for license.”*

Attached as Exhibit B are the details of the measurements conducted by James E. Boyd, in compliance with this condition.

The third condition states:

*“If the antenna is mounted on an existing tower that is not base-insulated or detuned at the AM frequency, the permittee shall submit a certification to this effect.*

*If the antenna is mounted on an existing tower that is base-insulated or detuned at the frequency of AM station KUFO(AM), Portland, OR, Facility ID No. 26926, the applicant shall notify the AM station. If necessary, the AM station may determine operating power by a method described in Section 73.51(a)(1) or (d), and/or request temporary authority from the Commission in Washington, D.C. to operate with parameters at variance in order to maintain monitoring point field strengths within authorized limits. Permittee shall be responsible for readjustment and continued maintenance of any detuning apparatus necessary to prevent adverse effects upon the radiation pattern of the AM station. Both before and after the installation of the antenna and transmission line on the tower, a partial proof of performance, as defined by Section 73.154(a) of the Commission’s Rules, shall be conducted to establish that the AM array has not been adversely affected. The results of the partial proofs shall be submitted to the Commission with the application for license to cover this permit.”*

Cumulus verifies that the tower on which the common antenna used by KXPC is not base insulated and is not detuned. The antenna and feed system has been in use at the Skyline tower site for a number of years. No changes were made for the construction of KXPC.

The fourth condition states:

*“The permittee shall submit a copy of the vertical plane radiation pattern for the beam tilt antenna with the FCC Form 302-FM Application for License.”*

Attached as Exhibit C is the vertical plane radiation pattern from Shively Labs for the antenna in use at the KXPC site, in compliance with this condition.

The fifth condition states:

*“\*\*\*\* This is a Section 73.215 contour protection grant \*\*\*\*  
\*\*\*\*\* as requested by this applicant \*\*\*\*\*”*

Cumulus understands, recognizes and accepts, this condition. Based on the foregoing, it is believed that KXPC is in compliance with the Commission’s rules and that all conditions have been met.